

Catalog 2019-2020

Disclaimers

This catalog does not constitute a contract between Mount Vernon Nazarene University and its students. Among other things, this catalog is intended to represent current academic regulations, procedures, and programs. Schools and/or departments may have student handbooks/guides, which contain additional details. Schools and/or departments may set standards that are higher than University standards, but they may not lower them.

The University reserves the right to change any provision, program, policy, regulation, or requirement in this catalog or any handbook/guide at any time, without prior notice or obligation. If there is a conflict between the *Catalog* and any handbook/guide, the *Catalog* will take precedence.

It is important that students familiarize themselves with all of the academic requirements related to their particular program. While advisors, department chairs, and deans are available to assist students in understanding these requirements, students are responsible for completing all academic requirements before a degree can be conferred.

Admission to and retention by the University are not guaranteed and are solely within the discretion of the University. Attendance at MVNU is a privilege and not a right. This privilege may be forfeited by any student who does not conform to the standards and regulations of the University.

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Notice of Non-discrimination

Notice of Non-discrimination

Mount Vernon Nazarene University prohibits discrimination on the basis of race, gender, age, color, national origin, disability, marital status, or military service in the recruitment and admission of students and in the operation of all University programs, activities, and services.

Affirmative Action Policy

Mount Vernon Nazarene University complies with all laws regarding nondiscrimination in employment, including those with respect to race, color, age, sex, national origin, marital status, military service, and disability. As a religious educational institution operating under the auspices of the Church of the Nazarene, Mount Vernon Nazarene University is permitted to consider religious beliefs and practices in making employment decisions, and the University does so to achieve its mission.

Nondiscriminatory Policy

Mount Vernon Nazarene University admits students to all the rights, privileges, programs, and activities accorded or made available to students at the University without regard to race, color, national origin, ancestry, sex, age, disability, or socioeconomic status. It does not discriminate on any of the above factors in admission of its educational policies, admission policies, scholarship and loan program, athletics, or other University-administered programs. Any concerns regarding discrimination should be addressed to Christina Jones, Title IX Coordinator, 740-392-6868 ext. 3713.

Greetings from the President



This catalog will introduce you to Mount Vernon Nazarene University. It is also an invitation to a world full of light and wisdom. Proverbs reads, "Hear instruction and be wise, and do not neglect it. Happy is the one who listens to me . . ." (8:33-34a). The writer captures much of the meaning of what will be found in the pages of this catalog. It is both an invitation and counsel concerning what matters. Hopefully you will see the intentionality contained herein as you examine the programs, policies, and resources offered by MVNU. Faculty and staff await to assist you in this journey. I am excited for you as we order our steps toward the sort of education that has the capacity to change the world in the name of Christ.

Mount Vernon Nazarene University is an intentionally Christian community framed by the Wesleyan-Holiness tradition seeking to fulfill its educational mission as defined by the following core convictions:

- A rigorous holistic education that integrates the liberal arts and professional excellence
- Character as an expression of the moral formation inherent in our educational mission
- Vital faith that permeates the life of the University
- Vigorous partnership with the Church of the Nazarene
- Active engagement with the broader Christian community
- Responsible stewardship of the resources entrusted to the University

These convictions give us the direction and courage to invite you to walk boldly, believe fully, and embody the values of a warm heart and discerning mind.

We are serious about the work we do. We think it matters that heaven touches earth in our classes, in laboratories, in chapel, and on athletic fields. This is a special place because the best of education and the best of faith are knitted together to form the fabric of a mind enflamed with the Spirit.

Sincerely,

Henry W. Spaulding II
President

Memberships

- Accredited by The Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604-1413, telephone (800) 621-7440 or (312) 263-0456, FAX (312) 263-7462 or <http://www.ncahlc.org>. Since 1972; Reaffirmed 2018.
- All academic programs submitted for review and approval to the State of Ohio, Board of Regents, 30 East Broad Street, 36th Floor, Columbus, OH 43215-3414, telephone (614) 466-6000, FAX (614) 455-5866 or <http://www.ohiohighered.org>
- Mount Vernon Nazarene University is authorized to offer online education to residents of West Virginia by the West Virginia Higher Education Policy Commission, 1018 Kanawha Boulevard East, Suite 700, Charleston, WV, 25301, www.hepc.wvnet.edu
- Since September 2, 2015 by WICHE/NC-SARA (National State Articulation Reciprocity Agreement)
- Approved liberal arts and profession-oriented university for the East Central Educational Region of the Church of the Nazarene
- Approved by Nazarene General Assembly Legislation in 1964 and MVNU Articles of Incorporation in 1966
- Member of the Crossroads League
- Member of the Association of Christian Schools International
- Member of the Association of Independent Colleges and Universities of Ohio
- Member of the Council for Christian Colleges and Universities
- Member of the Council for Higher Education Accreditation
- Member of the Council of Independent Colleges
- Member of the National Association of Independent Colleges and Universities
- Member of the National Association of Intercollegiate Athletics
- Member of the National Christian College Athletic Association
- Member of the Ohio College Association
- Member of the Ohio Foundation of Independent Colleges
- Participant in the National Council's State Authorization Reciprocity Agreement
- Music programs are accredited by the National Association of Schools of Music (Full Membership)
- Commission on Collegiate Nursing Education accreditation of the baccalaureate degree
- Member of the Ohio League for Nursing and American Association of Colleges of Nursing
- Ohio Board of Nursing - Certificate of Full Approval
- Teaching licensure programs accredited by the National Council for the Accreditation of Teacher Education and/or approved by the Ohio Department of Education
- Social work program accredited by the Council on Social Work Education
- School of Christian Ministry ordination preparation programs meet the outcomes-based ministerial education preparation requirement of the Church of the Nazarene's International Course of Study Advisory Committee (ICOSAC). The programs were validated by ICOSAC, adopted by the General Board of the Church of the Nazarene, and approved by the Board of General Superintendents as recognized ministerial education courses of study for ordination in the Church of the Nazarene.
- The following programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP): Bachelor of Arts (BA) in Business Administration; Bachelor of Science (BS) in Accounting with CPA and Forensic Accounting concentrations; Bachelor of Science (BS) in Finance; Bachelor of Science (BS) in Management; Bachelor of Science (BS) in Marketing; Bachelor of Business Administration (BBA) with concentrations in Executive Management, Human Resource Management, Management, and Marketing; Master of Business Administration (MBA) with concentrations in Finance, Human Resources, and Organizational Management; Master of Business Administration (MBA) Health Care Administration; and the Master of Science in Management (MSM).

Table of Contents

Notice of Non-discrimination	2	Refund Policy for Students Withdrawing from the University	31
Greetings from the President	3	Financial Aid.....	32
Memberships.....	4	Loan Programs.....	34
Table of Contents.....	5	Student Employment/Work-study.....	35
The University	7	Grants	35
History of the University	7	Awards for Academic Excellence	36
Denominational Relationship and Control	7	Academic Regulations and Procedures (Traditional)	37
Mission Statement	8	Web Links	37
Mission Context	8	Right to Privacy (FERPA).....	37
Vision Statement.....	8	Accessibility Services	37
Facilities	8	Proficiency Examinations	37
Right-to-Know	11	Trigonometry Proficiency Examination	37
Discrimination, Harassment and Violence.....	11	Registration and Confirmation - Traditional Program ...	38
Which Catalog?	12	Declaring a Degree Program.....	39
Traditional Students	13	Academic Advising.....	39
Student Life (Traditional)	14	Overlap Courses	39
Athletics	14	Multiple Majors	39
Campus Safety	14	Multiple Degrees	39
Counseling	14	Graduate Credit.....	40
Cultural Opportunities	14	Class Attendance	40
Religious Life	14	Academic Integrity.....	41
Residence Life	15	Grades	44
Standards of Conduct	15	Transfer Courses and Grades.....	46
Student Government Association.....	15	Academic Standing	47
Student Health Services	16	Dean's List	48
Student Publications	16	Classification of Students	48
Admissions (Traditional).....	17	Internships.....	49
Traditional Undergraduate Student Admission.....	17	Honors Program.....	49
Academic Preparation.....	17	Opportunities for Academically Advanced Students.....	50
Admission Tests.....	17	Off-Campus Study Opportunities	51
Admission Procedures	18	Final Examinations	53
Transfer Student Admission Procedures	21	Academic Policy Decision Appeals	53
Readmission	22	Withdrawals in Traditional Program	54
Admission Status	23	Academic Variances	55
Right of Refusal	23	Commencement.....	55
International Baccalaureate	23	Academic Transcripts.....	57
College Level Examination Program - CLEP	23	Curriculum and Degree Requirements (Traditional)	58
Advanced Placement Program - AP	26	University Majors.....	58
Financial Information (Traditional).....	28	University Minors.....	62
Expenses and Financial Arrangements	28	Associate Degree Programs	63
Schedule of Charges - Traditional Programs	28	Courses of Instruction	63
Other Charges	28	General Education Goals and Learning Indicators in the University Core	63
Off-Campus Study Financial Arrangements.....	29	Degree Requirements for Traditional Undergraduate Programs	64
Confirmation/Financial Arrangements.....	29	School of Arts and Humanities	72
Payment Methods	30	Art and Design Department.....	72
Student Financial Responsibility	30	Communication Department.....	74
Other Information.....	31	English and History Department.....	77
Refund Policy for Dropping Courses	31		
Additional Refund Information.....	31		

Music Department.....	85	HUM - Humanities.....	198
School of Christian Ministry.....	91	IBS - International Business.....	199
Christian Ministry Programs.....	91	ICS - Intercultural Studies.....	199
Intercultural Studies (Missions) Program.....	93	ISP - Intervention Specialist.....	199
Religion Programs.....	95	ITD - Interdisciplinary Studies.....	201
Jetter School of Professional Studies.....	100	MAN - Management.....	201
Business Department.....	100	MAR - Marketing.....	202
Education Department.....	107	MAT - Mathematics.....	203
Exercise Science Program.....	123	MCE - Middle Childhood Education.....	206
Social Work Department.....	126	MIN - Ministry.....	207
School of Natural and Social Sciences.....	133	MLA - Modern Languages.....	209
Biology and Physical Sciences Department.....	133	MMA - Music Methods & Applications.....	209
Pre-Health Professions Programs.....	143	MSS - Music Special Studies.....	210
Computer Science Department.....	144	MTH - Music Theory & History.....	210
Engineering Department.....	146	NUR - Nursing.....	211
Mathematics Department.....	149	PED - Physical Education.....	212
Psychology and Criminal Justice Department.....	150	PHI - Philosophy.....	215
School of Nursing and Health Sciences.....	153	PHY - Physics.....	216
Health Sciences Programs.....	153	PMI - Pastoral Ministries.....	217
Nursing Department.....	155	POL - Political Science.....	217
Traditional Courses.....	159	PSY - Psychology.....	219
ABT - Applied Business Tech.....	159	RSS - Religion Special Studies.....	221
ACC - Accounting.....	159	SCI - Science.....	221
APM - Applied Music.....	161	SOC - Sociology.....	221
ARA - Middle East Studies.....	162	SPA - Spanish.....	221
ART - Art.....	162	SPM - Sports Management.....	223
BIB - Biblical Literature.....	164	SWK - Social Work.....	223
BIO - Biology.....	165	THE - Theology.....	226
BLA - Biblical Languages.....	168	TSL - Teaching English (TESOL).....	226
BSS - Business Special Studies.....	168	Directory of Personnel.....	227
CED - Christian Education.....	168	Board of Trustees.....	227
CHE - Chemistry.....	170	Administration.....	228
CHH - Church History.....	172	Faculty.....	229
CJU - Criminal Justice.....	172		
COM - Communication.....	174		
CRW - Creative Writing.....	176		
CSC - Computer Science.....	176		
CSD - Communication Sciences & Disorders.....	179		
CSS - Center for Student Success.....	180		
DRA - Drama.....	181		
ECE - Early Childhood Education.....	181		
ECO - Economics.....	183		
EDU - Education.....	183		
EGR - Engineering.....	188		
ENG - English.....	191		
ENS - Music Ensemble.....	193		
ESS - Earth & Space Science.....	193		
FIN - Finance.....	194		
GRD - Graphic Design.....	195		
HIS - History.....	196		
HON - Honors.....	197		
HSC - Health Science.....	198		

The University

History of the University

Mount Vernon Nazarene College was founded by action of the General Assembly of the Church of the Nazarene in 1964 when the Assembly authorized the start of two new liberal arts colleges and a Bible college. The first Board of Trustees, organized in spring 1966, elected Stephen W. Nease as its first president in May 1966, and he served until 1972. In September 1966 the Trustees voted to locate the College in Mount Vernon, Ohio, on the Lakeholm Farm. The land was purchased with funds raised by public subscription in the Mount Vernon area and deeded to the Board of Trustees as the College site. A charter was received from the State of Ohio in December 1966. The first students, the Pioneer Class, arrived on campus October 12, 1968.

The first graduates received associate degrees in June 1970. Four succeeding two-year classes received associate degrees through May 1974. In 1972 the University was accredited as an associate degree-conferring institution by the Higher Learning Commission of the North Central Association of Colleges and Schools. Accreditation was extended in 1974 to include baccalaureate degree programs. In 1979, 1989, 1999, and 2009 the accreditation was reaffirmed by the Higher Learning Commission, a commission of the North Central Association. The first junior class enrolled in 1974, and the senior class was added in 1975. The first baccalaureate degree was awarded in May 1976. The graduate program began in 1991 with the first class of students in the Master of Ministry program. The first graduate students were graduated in May 1994.

The University began its degree completion program for adult learners in fall 1993. Its first graduates received the Bachelor of Business Administration in spring 1995. The transition to university status was completed in August 2002 when Mount Vernon Nazarene College became Mount Vernon Nazarene University. Today, MVNU offers Graduate and Professional programs in Mansfield, Mount Vernon, Newark, New Albany, as well as online. Many people have realized the lifelong dream of a college education and/or a graduate degree through these programs.

The Master of Science in Management program began in 2003 and expanded to a Sharonville site in early 2005. The Master of Business Administration (MBA) degree program was approved by the Ohio Board of Regents and the

Higher Learning Commission. The first MBA degrees were awarded in December 2006.

The University received a Certificate of Authorization from the Ohio Board of Regents in 1969. The current certificate is effective through 2021. The University was elected to membership in the Ohio College Association in 1971. In 1975 the University received accreditation of the Teacher Education Program. The Master of Arts in Education program received approval from the State of Ohio and the North Central Association of Colleges and Schools, and began in fall 1995. The first graduates completed the program in spring 1997.

Dr. John Allan Knight, the second president, served from August 1972 until June 1975. Dr. L. Guy Nees, the third president, served from June 1975 until November 1980. In November 1980 Dr. William J. Prince was elected as the fourth president; he served through July 1989. In July 1989 Dr. E. LeBron Fairbanks was elected as the fifth president; he served through January 2007. Dr. Daniel J. Martin was elected as the University's sixth president in November 2006 and began his service in February 2007; he served through June 2012. Dr. Henry W. Spaulding, II was elected as the University's seventh president in November 2012.

Denominational Relationship and Control

A coeducational university of the arts and sciences, MVNU is the official university of the East Central Educational Region of the Church of the Nazarene. Primary responsibility for sponsorship and support of the University is charged to the Nazarene congregations in Ohio, West Virginia, and the eastern half of Kentucky, with control delegated to the Board of Trustees elected by the annual assemblies of the Central Ohio, East Kentucky, East Ohio, North Central Ohio, Northwestern Ohio, Southwestern Ohio, West Virginia North, and West Virginia South districts. Many students come from this church constituency. However, the University is not narrowly sectarian; students of like ideals are welcome to the University community.

As an institution of the Church of the Nazarene, MVNU stands in the Wesleyan evangelical tradition, as summarized in the "Articles of Faith" in the *Manual, Church of the Nazarene*. According to this "Agreed Statement of Belief," we believe:

- In one God – the Father, Son, and Holy Spirit.

- The Old and New Testament Scriptures, given by plenary inspiration, contain all truth necessary to faith and Christian living.
- Human beings are born with a fallen nature and are, therefore, inclined to evil, and that continually.
- The finally impenitent are hopelessly and eternally lost.
- The atonement through Jesus Christ is for the whole human race; and that whosoever repents and believes on the Lord Jesus Christ is justified and regenerated and saved from the dominion of sin.
- Believers are to be sanctified wholly, subsequent to regeneration, through faith in the Lord Jesus Christ.
- The Holy Spirit bears witness to the new birth, and also to the entire sanctification of believers.
- Our Lord will return, the dead will be raised, and the final judgment will take place.

To these ends, the MVNU curriculum follows a liberal arts pattern, which encompasses career preparation at the college level in selected professional and pre-professional areas of study.

Mission Statement

Mount Vernon Nazarene University exists to shape lives through educating the whole person and cultivating Christ-likeness for lifelong learning and service.

Mission Context

MVNU's educational philosophy and purpose are shaped by its Wesleyan-Arminian holiness theological roots, informed by the Bible, focused on Christ-likeness in every aspect of life, and defined by an emphasis on loving God with all of one's heart, mind, soul, and strength, as well as one's neighbors as one's self. Students are nurtured and empowered through caring relationships with faculty, staff, and administrators; challenged to be devoted disciples of Christ; drawn toward discovery of wisdom and truth in every discipline of study; prepared for leadership in various professions; equipped to be lifelong learners; and sent into the world to live out their faith by offering their hearts and lives in service to God and others.

The University is characterized by an engaging environment where diversity is celebrated and differences in ethnicity, denomination, gender, economic level, and stage of spiritual development are embraced. A spirit of worship unifies the academic, social, and spiritual life of the

student body; and the community is shaped through shared commitments, values, and experiences that provide the context for transformation in Christ, individually and collectively. Excellence in vocational pursuits and in character development are viewed as an expression of faithful stewardship, and a lifestyle of compassion is demonstrated as the most effective witness to others of God's love. As students become graduates, the character of Mount Vernon Nazarene University continues to identify them as devoted disciples, servant leaders, learning professionals, and loyal alumni.

Vision Statement

Mount Vernon Nazarene University: To Change the World with the Love of Christ.

The University's aspiration is that academic and student life activities be integrated in a Wesleyan evangelical tradition to facilitate character, value, and cultural development to improve the quality of life for all through the love of Jesus Christ. The University seeks to enable students to model the attitude expressed in its motto "To seek to learn is to seek to serve." As students experience the educational process, the University strives to enable students to function as competent Christians, citizens, and professionals.

Facilities

The main campus of Mount Vernon Nazarene University is located at 800 Martinsburg Road about two miles south of the Public Square of Mount Vernon, Ohio. As the county seat of Knox County, Mount Vernon is an attractive city of approximately 17,000, with a balance of industrial, residential, commercial, agricultural, cultural, and spiritual interests.

The campus consists of 340 acres on the historic Lakeholm Farm. Adjacent to the campus (to the north) are the Knox County Career Center, the Mount Vernon Senior High School, the Mount Vernon Middle School, and the Kokosing River. MVNU buildings are of Williamsburg colonial design, complementing Mount Vernon's reputation as "Ohio's Colonial City."

The Thorne Library/Learning Resource Center (1996) houses more than 122,000 print and non-print items, 410 print periodicals, and 17,000 electronic journals. Renovated in 2011, the lower level includes a curriculum materials laboratory, a video laboratory, the technology help desk, two computer labs, one general purpose classroom, a video conferencing facility, a recording studio and offices for the Computer Science

Department. The main floor houses the Center for Student Success, which opened in 2016, and includes the Office of Career Development. The Center for Innovative Education is also on the main floor, and offers a number of services, including a one-button video studio. The Student Test Center is found on the second floor.

The Hyson Campus Center (1969) is a three-story facility with an external design patterned after the historic Wren Building in Williamsburg. A Dining Commons that seats 540 is found on the ground floor, which also contains the offices for the Student Government Association, the President's Dining Room (PDR), and the campus post office. The Student Life Office and the Counseling Center are housed on the second floor and were fully renovated in 2011. The Bailey Conference room, Alumni Relations, and offices for the School of Christian Ministry and the Education Department are also found on the second floor. Classrooms and common areas comprise the remainder of the second and all of the third floors.

Faculty Hall (1970), named in honor of the University's original faculty and staff, houses the Biology Department, as well as the History offices. A lecture auditorium is located on the main level. Classrooms, several biology laboratories, and a chemistry laboratory are housed in Faculty Hall as well.

Regents Hall (1985), a three-story classroom building, was named in honor of the Board of Trustees. The main level houses the English and History, Mathematics, Psychology and Criminal Justice, and Physics departments. The upper level houses the Chemistry Department and chemistry, biology, electronics, and research laboratories. Classrooms and a general purpose physics laboratory are located in the lower level.

Founders Hall (1969) was named in honor of those who contributed to the University's first financial campaign. On the second floor are faculty offices for the Communication Department, staff offices for Dual Enrollment, one sound/video studio classroom, a computer (MAC) laboratory, and the WNZR FM radio station. On the ground floor are the Admissions/Enrollment Management offices and Student Financial Services.

The R. R. Hodges Chapel-Auditorium and Fine Arts Center (1990) was named for the father of a founding trustee. The auditorium seats over 1,800 and is equipped with state-of-the-art sound and presentation equipment along with a 3-manual, 50-rank Schantz pipe organ. Thorne Performance Hall is a smaller auditorium for theatre and musical presentations. The chapel facility also includes music

practice rooms, the development office, faculty offices, classrooms, and the David H. Nease Rehearsal Hall.

Jetter Hall (1990) was named for the late Dr. George Jetter, a founding Trustee and major donor to the University. Jetter Hall houses the Business Department and includes faculty offices, a computer laboratory, classrooms, and a lecture hall.

The Jennie K. Moore Family and Consumer Science Center opened in 2000 with a second floor expansion completed in 2004. The name of the building was changed to the Clarence and Jennie Moore Center in April 2016. The first floor contains offices and classrooms, and houses the Esther Jetter Pre-school, which operates during the academic year. The second floor houses classrooms and offices for the Social Work Department.

The Gymnasium (1975) houses indoor practice facilities for athletics, and was formerly used as the intercollegiate basketball and volleyball court. In 1983, athletic training, weight lifting, and exercise facilities were added. Office facilities for the Physical Education Department and coaches were added in 1986. The Donoho Recreation Center (1969 and remodeled in 1991) is named in honor of Drs. John and Lora Donoho, who served respectively as Dean of Students and Director of Athletics from 1975 to their joint retirement in 1990.

The William J. and Evelyn Prince Student Union (PSU) was added to the gymnasium complex in 2004 in honor of the third MVNU president and his wife. The PSU provides additional recreational and leisure activities, including the "586" grille, a fitness room, and the Esports room.

The Ariel Arena (2014) building, named for the Ariel Corporation, houses a state-of-the-art athletic arena, which is home to the intercollegiate basketball and volleyball teams. The lower-level houses a weight training room, a physical therapy office, a classroom, and offices for the Athletic Department. Foster Hall, a sizable multipurpose room used for campus and community events, encompasses much of the upper-level of the Arena.

The Ramser Tennis Courts opened for play in 2016 as the home of the men's and women's intercollegiate tennis teams. Named for donors Mark and Denise Ramser, the facility features eight full-size, outdoor, lighted courts.

Other outdoor recreational facilities include athletic fields for baseball, lacrosse, soccer, softball, and sand volleyball.

The University maintains academic facilities in downtown Mount Vernon in addition to the campus at 800 Martinsburg

Road. Student transportation between the two locations is provided by the University.

The Buchwald Center (2009) is located in a fully-renovated former department store in downtown Mount Vernon and is named for Jim and Maureen Buchwald, founders of the Ariel Corporation. Within its three main floors and 32,000-square feet is housed the University's visual arts program, including the Schnormeier Gallery; classrooms; faculty offices; conference rooms; an atrium that was original to the building; and studios for printmaking, ceramics, design, photography, sculpture, woodworking, painting, drawing, and senior art students.

Hunter Hall (2011) is located adjacent to the Buchwald Center in another fully renovated building in downtown Mount Vernon. It houses the School of Nursing and Health Sciences and includes various laboratories, classrooms and offices; Happy Bean, a contemporary cafe; and state-of-the-art conference and computer facilities. The building was named in recognition of Richard and Theresa Hunter and Maureen Hunter Buchwald.

The Stephen W. Nease Center (2018), named in honor of the first president of the university, is located about a block north of Hunter Hall and the Buchwald Center in what was formerly the J.C. Penney Co. department store. The nearly 11,000-square foot building is home to the Engineering Department, and includes classrooms, engineering labs, and faculty offices. In partnership with Knox Labs, the building is also intended to be a public makerspace, servicing the Mount Vernon community.

Other Ohio sites include facilities dedicated to GPS instruction in Mansfield, Newark, and New Albany.

Four residence halls provide spacious and well-maintained living quarters for resident students: Pioneer Hall (1968), named to commemorate the inaugural class of students; Oakwood Hall (1969); Galloway Hall (1972), named in honor of Dr. Harvey S. Galloway, the first chairman of the Board of Trustees; and Redwood Hall (1998).

Pioneer, Oakwood, Galloway, and Redwood halls each have a center section comprised of a common area lobby and an apartment for the resident director.

Eight apartment complexes provide housing for upper division students. Cedar, Maplewood, and Elmwood apartments were completed between 1975 and 1977, while Birch, Spruce, Rosewood, and Cypress apartments, were added between 1988 and 2002. Each unit has three bedrooms, two baths, a kitchenette, and a living room--all sufficient to house six students, or a married couple. The residence facilities can accommodate 1,116 students.

The Lakeholm Mansion, an original building on the Lakeholm Farm, was built by Columbus Delano, Secretary of the Interior under President Ulysses S. Grant. The home dates to the post-Civil War era and still contains many of its original rooms. In 1966 the land became property of Mount Vernon Nazarene College, with the mansion serving as offices, meeting rooms, and even classrooms in the early days of the institution. Today, Mount Vernon Nazarene University uses the Lakeholm Building to house administrative offices. University guests often admire the building's beauty, inside and out, and the University takes great pride in keeping the original mansion looking like the historical gem it is. In November 2004, MVNU was honored to receive an Ohio Historical Marker from the Ohio Historical Society to commemorate the importance of this structure to the University and to the local community. It is placed along State Route 586 in front of the stone gates that flank the house.

The Parry building is adjacent to Lakeholm and was originally constructed in 1976, with additional offices added in 1996. Offices for accounting, auxiliary services, finance, and human resources are housed there.

Cougar Corner Bookstore (1984), a colonial-style brick building houses the bookstore on its first floor. A renovation in 2011 created space for the University Information Technology Services (ITS) offices on the ground floor.

The Academic Services Building was renovated in 2010 and houses the Registrar's Office and Graduate and Professional Studies staff.

The Barn is one of the original Lakeholm Farm buildings and, over the years, has been used as a cafeteria, gymnasium, chapel, classrooms, and recreational area. Renovated and refurbished in 2008, it includes a large, open space for receptions, dinners, and alumni activities, and it currently serves as the Commuter Lounge. The upper-level meeting room is named in honor of Chet Foraker, MVNU's first athletic coach. The lower level houses MVNU Marketing.

Morrison Facilities Services Building (2011) houses Campus Safety, Facilities Services, Groundskeeping, shipping/receiving, purchasing, campus transportation, and housekeeping. The 12,000-square foot facility is named for the founding superintendent of buildings and grounds.

The Couchenour House, formerly used as the University president's home, offers guest housing. Located on Glen Road, the facility is named for Dr. James Couchenour, long-time friend of MVNU and former Board of Trustees chair.

Campus development purposely blends the new with the old, reflecting how the wisdom of the past is confronted by the opportunities and challenges of the present. Similarly the University colors, blue and green, speak of the familiar sky and land, marks of security and beauty from the past and hope for the future.

Right-to-Know

The Clery Act regarding campus safety requires all colleges and universities participating in the Federal Student Aid Program to disclose the following information to all students and employees:

<https://mvnu.edu/officesandservices/policies>

Additional information may also be viewed about Institutional Research and Reporting at the following link:

<https://www.mvnu.edu/factsandfigures/institutionaleffectivenessoffice>

Discrimination, Harassment and Violence

In keeping with its religious heritage, ethical convictions, and legislation, the University values a teaching, learning, and working environment that is free from discrimination, harassment, and violence. This includes Title IX, viewable at: <https://mvnu.edu/currentstudents/titleix>

Discrimination: Discrimination is based on inequitable treatment of individuals. The University prohibits discrimination of its employees or students that is

related to the individual's race, color, sex, national origin, age, disability, or military service. Title IX covers sexual discrimination at the link above.

Harassment: Harassment includes, but is not limited to, any conduct that a recipient feels is offensive, unwelcome, demeaning, rude, or threatening. This conduct can:

- take the form of slurs, jokes, bullying, cyber bullying, or stalking;
- be verbal, graphic, or physical;
- be directed at employees or students;
- occur in peer-to-peer or hierarchical relationships; and/or
- be perpetrated by employees, students or non-employees.

Violence: The University prohibits violence of any sort against any of its members.

When discrimination, harassment, or violence is reported, the University will take prompt and remedial action. Violation of this policy by any of its members shall subject the individual to disciplinary action, up to and including discharge. Any student who wishes to submit a non-Title IX claim that involves discrimination, harassment, and/or violence will follow the procedures in the Academic Policy Decision Appeals policy (p. 53) that appears elsewhere in the *Catalog*.

Which Catalog?

Admissions requirements, financial information, academic regulations/procedures, and curriculum/degree requirements change with each catalog edition. The following apply to all students:

- Admissions: the applicable requirements and policies are determined by the Catalog in effect at the time the students seeks admission to MVNU.
- Financial Information: the applicable requirements and policies are determined by the current Catalog.
- Academic Regulations and Procedures: The applicable requirements and policies are determined by the current Catalog (exceptions may be made, as deemed necessary).
- Curriculum and Degree Program Requirements: The applicable General Education and Major requirements are determined by the Catalog in effect at the time that student files the *Official Declaration of Degree Form* in the University Registrar's Office. This form is applicable to traditional undergraduate students only and is used for declaring/changing majors/minors and for advisor assignment.
- *Exception:* Some majors (e.g., Nursing, Social Work, and Education) require a separate admissions and progressions processes. In such cases, students are held to the major requirements at the time of admission into that major.

Traditional Students

The following sections of the *Catalog* are intended to serve as a resource to Mount Vernon Nazarene University's traditional students.

Student Life (Traditional)

The Student Life Office operates with an open-door policy for student concerns. The Student Life staff is charged with encouraging campus living that is a positive, wholesome, uplifting, and educational community experience.

The need to make decisions about many choices arises during the collegiate experience: vocation, affirmation of spiritual direction, graduate study, and sometimes a marriage partner. During this time, there are challenges and opportunities for each individual. In the final analysis, education is first-person singular; only the person can educate himself or herself. The best advice is to plunge in wholeheartedly, actively, and creatively. Hard work and openness to new truth from God can make university life rewarding and memorable.

Athletics

The goal of the University's athletic program is that every student, however skilled, has an opportunity to participate in sports, whether on an intramural or intercollegiate basis. An intramural sports program is open to all students. In the intramural program, the emphasis is upon participation, recreation, and personal development.

Intercollegiate teams represent the University in baseball, basketball, cross country, Esports, golf, tennis, track and field, soccer, lacrosse, and bowling for men, and basketball, cross country, Esports, golf, soccer, softball, tennis, track and field, volleyball, and bowling for women, as well as coed competitive cheer. The University is a member of the National Association of Intercollegiate Athletics (NAIA). Intercollegiate teams are members of the Crossroads League Conference.

In accord with federal regulation 34 CFR Part 668, and the Equity in Athletics Disclosure Act, a report presenting information regarding the University's athletic program, graduation rates, scholarships, staffing, and funding is available upon request from the Athletic Director.

Campus Safety

Information regarding MVNU Campus Safety (including annual campus crime statistics as required by the Clery Act) may be viewed at:
<http://www.mvnu.edu/campussservices/campusafety>.

Counseling

Counseling services exist to provide the student community with a range of professional counseling and consultation options. Services provided in counseling sessions are confidential. The ethical guidelines of the American Psychological Association and the laws of the State of Ohio guide the services offered by MVNU counseling staff. Personal counseling is available at no cost to traditional undergraduate students by licensed counselors, either by appointment or on a walk-in basis as defined in the *Student Handbook*.

Cultural Opportunities

The Office of Intercultural Life is an Academic Affairs unit that serves and supports AIM multicultural students during their campus experiences and celebrates a variety of opportunities for all students to engage with cultural diversity activities at MVNU. Its mission is to facilitate the inclusive shared learning experiences of students, where all can engage in dialogue, challenge barriers, and build a just community. Faculty, staff, and students are invited to participate in Intercultural Life-sponsored events, including monthly celebration events, dialogue panels, music, and speakers; and promoting cultural sensitivity, social justice education, and celebration of God's multicultural agenda for MVNU.

Students, faculty, and invited artists display their works in the Schnormeier Art Gallery at the Buchwald Center. The Student Government Association sponsors concerts and other cultural events.

Music and ministry organizations provide opportunities for participation and enjoyment. The Choral Union, open to members of the University and local community, presents one or two major sacred choral works annually. University student musical groups include the Collegians Chorale, Flute Choir, Treble Singers Women's Chorus, Goliards Chamber Ensemble, Symphonic Wind Ensemble, Jazz Band, and Pep Band. Vocal ensembles represent the University and hold worship services off campus. Music faculty and students present recitals throughout the year.

Religious Life

For each member of the campus community, the University seeks the development of spiritual insights and values stemming from a commitment to Christ as Lord and Savior.

The religious life, a personal matter capable of corporate expression and sharing, is at the heart of the University program. Through chapel, classroom experiences, residence hall programming, service opportunities, small groups, and informal personal contacts, the University seeks to motivate each student to become a servant-leader.

Chapel programming is a vital element in a Christian university education. Members of the University community meet together for worship several times a week. Unless specifically exempted through petition, all students are required to attend chapel. Throughout the year there are times of special emphasis upon evangelism, missions, and Christian living. Students are expected to be faithful participants in regular church services and in times of special spiritual emphasis.

Other spiritually formative activities occur in mission and ministry opportunities provided by clubs, organizations, and ministries on campus. Service to Mount Vernon, Knox County, the East Central Educational Region, and the world is a natural part of the learning experience at the University. Students are encouraged to take advantage of the mission opportunities offered throughout the year.

Accountability groups are formed for all first-time freshman students. Some of these groups stay together throughout the students' college career. Accountability groups provide opportunities for peers to encourage and pray for one another on a regular basis.

Residence Life

Students (unless exempted through petition, married, senior standing, or over the age of 23) are required to live on campus and to accept the meal plan. Housing arrangements are made through the Director of Residence Life.

Residence hall rooms are furnished with twin-sized beds, chairs, study desks, dressers, and closets. Students provide their own linens, bedding, and decorative furnishings. Students are expected to maintain their rooms in a neat and orderly fashion. Residents are supervised by professional Resident Directors and student Resident Assistants.

Standards of Conduct

An organized community that is stable requires a combination of individual freedom with a set of standards that coordinate the group activities. Standards of conduct for the MVNU community are based upon the laws of

national, state, and local jurisdictions, and upon the ideals of Christian holiness as presented by the Church of the Nazarene.

The University expects each member of the community to live honorably, peaceably, and lawfully with fellow citizens. Each person has rights to speech, property, and protection.

The standards of conduct are derived from those established by the General Rules in the *Manual of the Church of the Nazarene*. A summary of general principles and practices follows:

The University expects Christian standards of morality to govern every personal relationship.

The University expects unquestioned honesty; cheating, gambling, and theft are not tolerated. Obscene actions, language, and literature are not a part of the University ideal.

More explicit policies related to academic integrity are listed in the *Student Handbook* available on the University's website at: www.mvnu.edu/studentlife/resourcecenter.

The use of alcoholic beverages, tobacco, and illegal drugs is prohibited. An institutional Drug-Free Campus statement is available in the *Student Handbook*. Certain forms of entertainment, such as viewing of promiscuous, pornographic videos, movies, or computer-generated materials are contrary to the Nazarene tradition. In dress and physical appearance, the University seeks practices that are in keeping with Christian modesty, cleanliness, and neatness. Details of regulations regarding campus life can be found at: www.mvnu.edu/studentlife/resourcecenter/lifestyleguidelines.

The University standards should be considered carefully, for they describe the ideals of the campus community. Students who do not share commitments to similar values should weigh the effects of these standards upon their own comfort within such an atmosphere. These ideals are intended not as boundaries to struggle against, but as portals to a way of life that is liberating and healthy.

Student Government Association

The Student Government Association is made up of officers and representatives selected by the student body. The Student Government Association functions as a liaison between students and administration. It supervises student activities including elections and class events. In cooperation with the Student Life staff, it plans programs

and provides representatives to serve as members of faculty committees.

Student Health Services

The Student Health Services Office is located adjacent to Campus Center, between the Barn and Academic Services Building. A registered nurse is available during the day for consultation, referral, triage, and treatment on Monday through Friday, during the academic year when the residential areas are open. Peer Residential Health Advisors (RHAs) are available to assist students after hours and on weekends. Students access RHAs by calling 740-358-0345 after clinic hours.

Information regarding and visits to local medical providers and the hospital emergency room can be arranged through

the Student Health Services staff, with non-emergency transportation available at no cost.

Students should contact faculty members when missing class due to illness, according to the policy for each class. Students may be seen in Student Health Services and request verification of visit be sent to faculty for absence due to illness.

Student Publications

Newspaper: The official student newspaper is The *Lakeholm Viewer*, published under the direction of Academic Affairs. A faculty member oversees the student editorial staff, which handles the planning, writing, photography, financial arrangements, and production. The subscription price is included in tuition.

Admissions (Traditional)

Traditional Undergraduate Student Admission

MVNU seeks students who have intellectual ability, moral character, and life purpose; and who identify with the University's philosophy of Christian liberal arts education. Consideration is given to academic achievement and conduct consistent with the Christian values and moral principles of the University. *By signing the application, the student commits to abiding by the academic and lifestyle standards of the University upon enrollment.* Admission is based upon the completed application file, including transcripts of all academic work, score reports from ACT or SAT, references as required, and personal statements on the application form.

Students considering MVNU are encouraged to schedule a campus visit, during which they may meet with an admissions counselor, visit a classroom, tour the campus, and receive information about admission requirements, academic programs, extra-curricular opportunities, financial aid, and standards of conduct. Those desiring a campus visit should contact the Admissions Office for arrangements and available dates when a visit can be scheduled, preferably allowing at least two weeks for planning the visit schedule. Prospective students may also participate in on-campus recruitment events and experiences. The admissions staff is available to high school guidance counselors, pastors, youth leaders, and two-year college officers for high school and community college visits, church services and youth activities, informational programs, and telephone consultations about admission to MVNU.

Academic Preparation

The University recommends that students complete a college preparatory curriculum as defined by the Ohio Department of Higher Education. That recommended curriculum includes:

English	4 units
Fine or performing arts	1 unit
Foreign language (three years of one language or two years each of two languages)*	3 units
Laboratory sciences	3 units

Mathematics (Alg. I, Alg. II, Geometry, Other)	4 units
Social studies	3 units

Computer keyboard skills and computer word processing are strongly recommended. Students anticipating a major in science fields should take additional sciences and mathematics. Music students are encouraged to complete as much music as possible.

Each state has its own high school graduation requirements that must be completed for the awarding of a high school diploma. Ohio high school graduation requirements are **twenty-one units, including:**

English	4 units
Health and physical education	1 unit
Mathematics (Alg. I, Alg. II, Geometry, Other)	4 units
Social studies	3 units
Science	3 units
Electives (including 1 unit from fine arts, foreign language, or business technology)	5 units

**Foreign Language:* Students who have not completed two years of one foreign language in high school will be required to take foreign language at MVNU.

MVNU also accepts students completing a home school curriculum or achieving graduation from high school through testing. For more information, contact the Admissions Office.

Admission Tests

The American College Testing Assessment (ACT) or the Scholastic Aptitude Test (SAT) is required for admission. The University recommends that the test be taken during the spring of the junior year or the fall of the senior year of high school, but no later than April of the senior year. Information about testing centers and dates may be obtained from the high school guidance office or the University's Admissions Office. An official score report should be sent directly from ACT or SAT to the University by listing MVNU when taking the test or by completing an additional assessment report form. The Admissions Office will also accept any ACT/SAT score on a high school transcript as long as it is typed and includes a composite

score, all subscores, and an associated date that the test was taken. Transcripts must be sent directly from the high school to the Admissions Office in a sealed envelope or by fax. Transcripts may also be sent electronically through services such as Parchment. Only ACT/SAT scores received by July 1 are considered for academic scholarship for incoming freshmen.

Any student who has been out of high school for three or more years, without any transfer credit, must take the ACT or SAT test for acceptance to the University and placement in classes, or he or she must submit materials to the Admissions Committee for consideration. Admissions "materials" include a completed application form, transcripts, character reference, academic reference, and an essay indicating why the Admissions Committee should accept the student into MVNU.

- The ACT code number for the University is 3372.
- The SAT code number for the University is 1531.

Admission Procedures

First-Time Freshmen

Students interested in attending MVNU should complete the following steps:

- Complete an application for admission at www.mvnu.com/apply. The Admissions Office will begin accepting applications on April 15 of a student's junior year in high school.
- Submit the non-refundable application fee (\$25). Applications will not be considered until this fee is submitted. A fee waiver may be granted for extenuating circumstances, financial hardship, or in special cases from the Admissions Office.
- MVNU will accept current and redesigned SAT scores for admission and scholarship eligibility. Applicants may submit scores from either the current SAT or the redesigned SAT (offered beginning spring 2016).
- A character reference is required only for the following students as a condition of acceptance:
 - Students who have been convicted of a crime
 - Students who have been expelled or suspended from a prior school or college
 - Students who do not meet unconditional acceptance or conditional acceptance requirements
- Character references can be completed by the high school guidance counselor, a faculty member, the student's pastor, a youth leader, or a member of the student's church who knows the student well. Relatives are not acceptable references. The form should be sent directly from the person providing the reference to the University.
- An official high school transcript must be sent directly to the University by the high school. A partial transcript of work completed is sufficient when the application is made prior to high school graduation (minimum of six high school semesters); students will not be allowed to attend classes until the University receives a final transcript after high school graduation. Should a student have earned college credit concurrently during high school, additional transcripts from the university sponsoring the program are also required before college credit can be granted.
- Action is taken after the completed application form, any required references, transcripts, and official ACT or SAT scores are received by the Admissions Office. Notification of acceptance is sent by mail.
- Freshmen with a cumulative GPA below a 2.0 or an ACT composite score below a 16 (or SAT equivalent) must submit materials to the Admission Committee for consideration. Recommended admissions "materials" include, at minimum, two academic references and an essay explaining the student's academic record and indicating why the Admissions Committee should accept the student into MVNU.
- Any student with a criminal record, disciplinary dismissal, or disciplinary probation must submit materials to the Admissions Committee for consideration. Recommended admissions "materials" include, at minimum, two character references and an essay explaining the student's criminal/disciplinary record and indicating why the Admissions Committee should accept the student into MVNU.
- After acceptance, students must submit a \$100 tuition deposit and complete and return the medical history form. Students required to live in campus residences must also complete a Campus Housing and Roommate Form and submit the housing deposit of \$150. Students who are exempted from living on campus per residence life policy are required to fill out an Off-Campus Housing Petition.

- For the fall semester, incoming students are expected to be accepted for admission and submit the tuition deposit, medical history form, and Campus Housing and Roommate Form by May 1.
- Applications received after July 15 are considered as late applications and may require special processing to be completed by the beginning of the semester. For the spring semester, the admission process should be completed by December 15. Applications received after that date are considered late applications. Students applying after the late application date may be admitted on a space-available basis only.
- Students should apply for financial aid as soon as possible after October 1 of the high school senior year by filing the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.gov, making sure to select MVNU on the FAFSA application in order to expedite the awarding of financial aid.
- Students are required to participate in one of the new student orientation (NSO) sessions held during the summer. Parents are also encouraged to attend. Information is sent in the spring to all students who have been accepted for admission.
- International students must have their secondary school (or equivalent) and university transcripts evaluated by a member organization of either the Association of International Credential Evaluators or the National Association of Credential Evaluation Services. In addition, MVNU will accept transcript evaluations from InCred. All transcript evaluations must be received directly from the transcript evaluator and must contain a cumulative unweighted GPA on a 4.0 system. College transcripts must contain a course-by-course evaluation with grades.
- English Proficiency Test Requirements
 - All applicants from foreign countries and US territories are required to provide recent evidence of proficiency in English by:
 - i. scoring 70 or above on the Internet-based TOEFL (Test of English as a Foreign Language) or
 - ii. scoring 525 or above on the written TOEFL or
 - iii. scoring 6.0 or above on the IELTS (International English Language Testing System) or
 - iv. If the applicant has earned a high school diploma or certificate where the medium of education was English, then the requirement for a TOEFL score can be waived with the submission of a qualifying ACT or SAT score instead.

Home Schooled Students

MVNU welcomes students who have graduated from home school programs of study. They should complete the standard admission process with the following exception:

- a home school transcript may be produced by the home school instructor or parent (homeschool transcript templates can be found at www.mvnu.com/homeschool).

Home schooled students who desire to play intercollegiate athletics should contact the University Registrar (or the Athletic Director) early in the admission process for information on meeting NAIA eligibility regulations.

International Students

Students who are not citizens of the United States of America and desire admission to MVNU must complete the regular admission process with the following provisions:

- The prospective student must complete and return an application to the University's Admissions Office by April 1 and be accepted by June 1 for fall enrollment. For spring enrollment, students must apply by August 1 and be accepted by October 1.
- All tests of English proficiency must have been taken in the last two years to be considered for acceptance. An official score report must be mailed directly to the Admissions Office.
- Each international student must furnish the University with evidence of the ability to finance an education by completing the International Student Certification of Finances form and the International Student Financial Aid Application. These can be obtained from the University's Admissions Office. Upon verification of funds, an initial deposit of \$2500 must be submitted to the University.

- Required scores for admission:
 - ACT Composite of 19 or higher
 - ACT English and Reading subscores of 19 or higher on each
 - SAT Reading of 480 or higher

- The enrollment deposit is refundable minus a \$250 processing charge for students who cancel before the deposit deadline.
- Students enrolling for spring or enrolling only for one semester are required to submit half of the deposit amount (\$1250).
- This enrollment deposit suffices as the tuition and room deposit.
- Securing finances for school is the responsibility of the student. International students do not qualify for U.S. federally-sponsored financial aid, but may qualify for academic, church-related, international student, and other scholarships from the University.
- Once the above steps have been completed and the student has been accepted, the University will issue an I-20 form for the student to use in obtaining an F-1 student visa. Students who are citizens of a country other than the United States of America (USA) must hold the F-1 visa in order to register for classes and enroll at the University. Persons who have entered the United States on a visitor's visa must convert it to an F-1 visa before the University will consider admission. A SEVIS fee of \$200 must be paid in addition to the visa application fee. International students on academic or disciplinary probation at another university, or who have been dismissed from another university, are not considered for admission.
- International students who have not taken the ACT or SAT and had an official score report sent directly to the University must take the ACT before classes begin. The test is offered at New Student Orientation and in the University's Test Center.

Guest Students

Students admitted to a degree program at another institution may enroll at MVNU as a guest student by presenting a letter of authorization from the academic dean or registrar of the other university. Guest students may enroll in courses not leading to degrees by showing evidence of ability to profit from the course and by accepting the ideals of MVNU. When a course the guest student wants to enroll in at MVNU has a prerequisite, the student must present an official transcript from any institution(s) showing the prerequisite is completed. Guest students are not eligible for financial aid and must pay per credit hour. A tuition deposit of \$100 should be made before beginning classes.

Senior citizens who are 62 or over and retired may enroll as guest students in courses tuition-free on a space-available basis. Registration is on the first day of class. Senior citizens pay course fees and any applicable lab fees. Senior citizens cannot enroll in the GPS or other graduate programs as Guest Students. Senior citizens who desire to enroll in courses must complete a Guest Student Application prior to registration. Senior citizens who desire to complete a degree must complete the regular or transfer admission process. In all cases, grades are recorded and credits are earned.

Dual Enrollment Students

Under the State of Ohio's Dual Enrollment Program, College Credit Plus (CCP), high school students in grades 7-12 may enroll in university courses and receive high school and college credit simultaneously (i.e., dual enrollment). Public School students are eligible to take up to 30 credit hours per school year and a maximum of 120 hours total. Homeschool and Private Schools students may request funding from the state and are awarded varying amounts each year. Students who wish to take courses beyond their state funding can do so by paying our dual enrollment rate, which is 1/4 of our regular tuition.

Students seeking admission to the College Credit Plus program must meet the following minimum ACT or ACCUPLACER requirements as well as the minimum cumulative GPA requirement:

- have a minimum 19 ACT Composite score (no composite score is reported with ACCUPLACER, however, all of the following minimum subscores must be met);
- have a minimum 18 ACT English subscore or 263 ACCUPLACER writing;
- have a minimum 22 ACT Reading subscore or 250 ACCUPLACER reading;
- have a minimum 22 ACT Mathematics subscore or 263 ACCUPLACER QAS mathematics; and
- have a minimum 2.50 cumulative GPA.

These minimum requirements reflect the cumulative GPA in all high school work attempted through the end of the academic year prior to enrollment. For students with no completed high school work, their middle school work will be accepted as a substitute.

The applications of students wishing to be admitted into the CCP program with lower than the stated admissions criteria will be reviewed by the CCP Admissions Committee for an admissions decision.

All prospective public school students must:

- contact their high school about their intentions to participate in the CCP program by filling out the required Intent to Participate form;
- complete the CCP application by April 1, which includes submitting a school transcript, ACT, SAT, or ACCUPLACER scores, and Guidance Counselor and Parent Certification forms; and
- submit a completed medical history form upon acceptance **if the student plans to attend classes at the main campus in Mount Vernon**. Students attending at other locations need to conform to that location's need for appropriate medical information.
- Accuplacer scores can only be used for admission to dual enrollment program, not for traditional undergraduate admission.

All prospective private school and homeschool students must:

- fill out the required Intent to Participate form and submit it to the Ohio Department of Education by April 1;
- complete the CCP application by March 15, which includes submitting a school transcript, ACT, SAT, or ACCUPLACER scores, and Guidance Counselor (if applicable) and Parent Certification forms;
- submit a completed medical history form upon acceptance **if the student plans to attend classes at the main campus in Mount Vernon**. Students attending at other locations need to conform to that location's need for appropriate medical information.
- Accuplacer scores can only be used for admission to the dual enrollment program, not for traditional undergraduate admission.

Full-time CCP students may live on campus if they are seventeen (17) years of age as of August 31 of the school year. Full-time CCP students who are sixteen (16) years of age as of August 31 may petition Residence Life for an exception. As part of the petition process, the Director of Residence Life may require additional references addressing maturity and character, and may conduct a face-to-face interview with the student.

Course placement for dual enrollment students is on a space available basis. Also, students must pay for any course they fail or choose to withdraw from 14 days after

the start date. In the case of a withdrawal, the student will receive a "W" on their official MVNU transcript.

Students enrolled in any dual enrollment program, including College Credit Plus, must maintain good academic standing as defined by the University's academic regulations. Failures to do so could result in a status of academic warning, academic probation, or academic dismissal. Refer to the Academic Standing section (p. 47) of the *Catalog* for these standards.

Transfer Student Admission Procedures

Students entering MVNU who have earned college credit after earning a high school diploma or equivalent are considered transfer students. Students earning college credit concurrently during high school from programs such as dual enrollment options are considered first-time freshmen upon entry to MVNU. Students earning college credit in the summer term immediately following high school graduation are also considered first-time freshmen upon entry to MVNU.

Students desiring to transfer from another post-secondary institution must follow the admission procedure described above. In addition, official transcripts must be sent directly to MVNU from all higher education institutions attended. These requirements also apply to new students entering the University with dual enrollment options program credit. Academic standing is determined from these transcripts, subject to the following conditions:

- A calculation of the cumulative GPA from all post-secondary institutions attended;
- Transfer credit from other regionally accredited institutions may be granted for courses that apply to MVNU academic programs. Credit from non-regionally accredited institutions is evaluated on a case-by-case basis and may be accepted only as prior learning elective credit.
- Transfer students who have graduated from high school fewer than three years from the date of their application for admission to MVNU are encouraged to submit ACT or SAT scores for academic placement. Pending review of the registrar's office, they may be required to complete preparatory coursework at MVNU. Students who do not submit scores will be scheduled for the full array of preparatory courses at MVNU.
- After acceptance to MVNU, students entering with 30 or fewer transferrable credits must submit a final

high school transcript and official ACT or SAT scores for the purpose of course placement. Students who fail to do so will be scheduled for the full array of preparatory classes at MVNU. The Admissions Committee reserves the right to request these documents as a condition of acceptance.

- Transfer credit is granted for those courses for which a grade of D or better was earned only when those courses were part of a student's earned associate or baccalaureate degree at a regionally accredited institution. If a student has not completed a degree, transfer credit is granted when a grade of C- or better was earned, provided the courses are comparable to those of MVNU. Grades from accepted courses will not be factored into the student's cumulative GPA at MVNU.
- Participation in a new student orientation (NSO) session during the summer is required for students entering in the fall semester.
- Students on academic or disciplinary probation or dismissal from another institution must contact the Admissions Office to determine the necessary steps for consideration for admission to MVNU. The Admissions Committee reviews these requests and makes the final decisions.
- Students who seek admission after attending another post-secondary institution and withdrawing from their classes will be reviewed by the Admission Committee. In these cases, two letters of recommendation must be submitted (one academic reference from the institution from which they withdrew, along with a character reference) as well as a personal statement that specifically describes the reason for withdrawing from classes.
- Students who seek admission after attending multiple post-secondary institutions and achieving a cumulative GPA from all institutions of below a 2.00 will be reviewed by the Admissions Committee. In these cases, two letters of recommendation must be submitted, as well as a personal statement that specifically outlines the circumstances surrounding the GPA in question.

Students accepted on academic probation are evaluated according to these satisfactory academic progress criteria. At the end of the first semester, if the semester GPA is:

- > 2.00, then the student will be considered a student in good academic standing;

- <2.00 but > 1.70, the student will continue on academic probation for the next semester, and
- < 1.70, the student will be issued a letter of academic dismissal for the next semester.

At the end of the second semester and thereafter, the student must have a cumulative GPA of 2.00 to be considered in good academic standing.

Readmission

A student who has withdrawn from the University, who has not attended for a full semester, or whose enrollment at MVNU has been interrupted during a semester must be accepted for readmission before being allowed to register for courses. A Readmission Application must be submitted to the Admissions Office no less than six (6) weeks prior to the beginning of the semester for which readmission is requested. The application must be accompanied by the \$100 tuition deposit by the prescribed admissions deadline. In addition,

- Any outstanding financial balance owed to the University must be cleared prior to consideration of the application
- The medical history form must be resubmitted if health has significantly changed since enrollment
- Residential students must resubmit the housing contract and \$150 housing deposit.
- Commuter students must resubmit the off-campus housing petition.
- If a student has registered at another university since last attending MVNU, an official transcript must also be submitted from each university attended before readmission will be considered.

A student seeking readmission after academic or social dismissal, or withdrawal from the University with grades of WF or F, will be reviewed by the Admissions Committee. The student must submit two letters of reference from individuals other than a relative and a personal statement of intent to succeed with the application. The personal statement should include a description of activity since leaving the University and the reason for desiring readmission. If readmitted, a student who left the University on academic probation or dismissal may be admitted with academic conditions assigned by the Admissions Committee. Exceptions are made when students are transferring sufficient credit earned from another institution during their absence to restore good academic standing

(see Academic Regulations and Procedures (p. 37)) and satisfactory academic progress (minimum 12 hours transferable credit with a 2.00 GPA in the last semester attended).

Admission Status

Unconditional admission is granted to first-year students who attain an ACT composite score and subscores of 19 or above (or comparable SAT scores) and earn a cumulative high school GPA of 2.50 or above; and transfer students who have maintained a minimum 2.00 cumulative GPA. For course placement purposes, the highest ACT or SAT composite score is used (if the admission tests are taken more than once).

Conditional admission may be given to a student with an ACT (or equivalent SAT) composite score of 16-18 or a cumulative high school GPA of 2.0-2.49. Conditionally admitted students are required to participate in transitional programs and/or skill building courses during the first year. Students whose preparation or record is marginal may need more than four years to complete their program. Conditional admission may also be assigned to transfer or readmitted students who have not maintained good academic standing or satisfactory academic progress (see *Academic Regulations and Procedures* (p. 37)).

Provisional admission may be granted to students whose file may require additional documents or interviews, based on the academic or social record. Once the stated provisions have been fulfilled, full acceptance may be granted.

Right of Refusal

Mount Vernon Nazarene University reserves the right to refuse admission to any applicant if there is evidence that the applicant's lifestyle or behavior is contrary to the University's culture and lifestyle expectations, or when an applicant's criminal record compromises the safety of the University's students or employees.

International Baccalaureate

Students who score 5 or higher on the Higher Level (HL) examinations in the International Baccalaureate (IB) program will receive credit as applicable to the University curriculum. Students who hold an IB certificate may earn credit and qualify for advanced standing in course placement. Contact the University Registrar for details.

College Level Examination Program - CLEP

Applicants with exceptional academic preparation may establish academic credit and advanced standing by proficiency examinations. The acceptable proficiency examinations include the College Level Examination Program (CLEP), Advanced Placement (AP) examinations, and University-developed proficiency examinations. CLEP examinations may also be used to establish academic credit and advanced standing by students transferring from non-accredited colleges or institutions.

The CLEP program provides general and subject matter examinations in its computer-based testing program. Students are permitted to complete the subject examinations to meet general education, major, and minor requirements when there is a course that corresponds appropriately. The subject examinations provide a more specific course equivalency than do the general tests. For CLEP examinations completed after January 31, 2018, the chart below describes the required score, course equivalencies, and semester hours awarded.

Students pay the standard fee to the sponsoring agency to sit for CLEP examinations. When an acceptable score is achieved for earning credit, students will pay a fee of \$30 per credit hour to MVNU to post the credits earned on the University transcript.

CLEP examinations are subject to the following limitations:

- For traditional undergraduate students, the University recommends that the CLEP examinations be taken by May of the senior year of high school, if possible, so that scores will be available for the summer orientation and course registration. For non-traditional students, ask the registrar's office for deadlines.
- A maximum of 30 semester hours can be earned by examination. This total includes any combination of CLEP, AP, University-developed proficiency examinations, or any other exams.
- CLEP general exams (i.e., non-subject specific) will be given and credits awarded to students who take the tests during their first full year of study at MVNU. They are not available to continuing students.
- CLEP credits may be used to fulfill specific courses required in the major or minor when prior written approval is given by the department chair to the University Registrar's Office.

- Credits can be used to fulfill elective hours in a major or minor provided the subject of the examination is appropriate to the major or minor.
- CLEP examinations cannot be used to fulfill science laboratory requirements.
- CLEP examinations cannot be used to fulfill requirements for financial aid or other residency requirements.
- The student must declare the number of credits to be accepted at the original posting of credit.

CLEP Awards Chart

CLEP Examination Title	MVNU Responsible School	Minimum Required Score	MVNU Course Equivalent	Credit Hours Awarded
General Examinations				
College Composition	Arts and Humanities	50	ENG-2999 (elective credit)	3
College Mathematics	Natural and Social Sciences	50	MAT-1033G	3
Natural Science	Natural and Social Sciences	50	ITD-2999 (elective credit)	3
Humanities	Arts and Humanities	50	ART-1002G or MTH-1002G	2
Social Sciences and History	Arts and Humanities	50	ITD-2999 (elective credit)	3
Business Examinations				
Information Systems and Computer Applications	Business	50	ABT-2999 (elective credit)	3
Introductory Business Law	Business	50	MAN-3003	3
Principles of Macroeconomics	Business	50	ECO-1033	3
Principles of Microeconomics	Business	50	ECO-2033	3
Principles of Management	Business	50	MAN-2003	3
Principles of Marketing	Business	50	MAR-2033	3
Composition and Literature Examinations				
American Literature	Arts and Humanities	50	ENG-2163G	3
Analyzing and Interpreting Literature	Arts and Humanities	50	ENG-1063G	3
English Literature	Arts and Humanities	50	ENG-2073G	3
Foreign Language Examinations				
French Language	Arts and Humanities	50	MLA-1019G*	3

CLEP Examination Title	MVNU Responsible School	Minimum Required Score	MVNU Course Equivalent	Credit Hours Awarded
French Language	Arts and Humanities	60	MLA-1019G*	6
German Language	Arts and Humanities	50	MLA-1019G*	3
German Language	Arts and Humanities	60	MLA-1019G*	6
Spanish Language	Arts and Humanities	50	SPA-1013G*	3
Spanish Language	Arts and Humanities	60	SPA-1013G* and SPA-1023G*	6
History and Social Science Examinations				
American Government	Arts and Humanities	50	POL-1003G	3
History of the United States I	Arts and Humanities	50	HIS-2013	3
History of the United States II	Arts and Humanities	50	HIS-2023	3
Human Growth and Development	Natural and Social Sciences	50	PSY-2013	3
Introduction to Educational Psychology	Education and Professional Studies	50	EDU-2023G	3
Introductory Psychology	Natural and Social Sciences	50	PSY-1013G	3
Introductory Sociology	Natural and Social Sciences	50	SOC-1013G	3
Western Civilization I	Arts and Humanities	50	HIS-1003	3
Western Civilization II	Arts and Humanities	50	HIS-1013G	3
Science and Mathematics Exams				
Precalculus	Natural and Social Sciences	50	MAT-1023G	3
Calculus	Natural and Social Sciences	50	MAT-1034G	4
College Algebra	Natural and Social Sciences	50	MAT-0093**	0 (no credit)
Biology	Natural and Social Sciences	50	ITD-2999 (elective credit)	3
Chemistry	Natural and Social Sciences	50	ITD-2999 (elective credit)	3

*Fulfills Foreign Language requirement.

**Fulfills this course requirement, but no credit hours earned.

Advanced Placement Program - AP

Students participating in the Advanced Placement Program (AP) sponsored by the College Entrance Examination Board while in high school may receive credit if they earn scores of 3, 4, or 5 as noted in the table below. Students will pay a fee of \$30 per credit hour to MVNU to post the credits earned on the University transcript. MVNU's CEEB code number is 1531. The following chart describes the required score, MVNU course equivalencies, and semester hours awarded.

AP Examination Title	MVNU Responsible School	Minimum Required Score	MVNU Course Equivalent	Credit Hours Awarded
Fine Arts				
Art History	Arts and Humanities	3	ART-1002G	2
Music Theory	Arts and Humanities	3	MTH-1023G	3
Studio Art	Arts and Humanities	3^	ART-1013G	3^
Business				
Macroeconomics	Professional Studies	3	ECO-1033	3
Microeconomics	Professional Studies	3	ECO-2033	3
Composition and Literature				
Capstone: Seminar & Research#	Arts and Humanities	3	ENG-1083#	3
English Language and Composition	Arts and Humanities	3	ENG-1063G	3
English Literature and Composition	Arts and Humanities	3	ENG-1063G	3
Foreign Language				
French Language and Literature	Arts and Humanities	3	MLA-1019G*	3
French Language and Literature	Arts and Humanities	4	MLA-1019G*	6
German Language	Arts and Humanities	3	MLA-1019G*	3
German Language	Arts and Humanities	4	MLA-1019G*	6
Spanish Language and Literature	Arts and Humanities	3	SPA-1013G*	3
Spanish Language and Literature	Arts and Humanities	4	SPA-1013G* and SPA-1023G*	6
Spanish Language and Literature	Arts and Humanities	5	SPA-1013G*, SPA-1023G* & SPA-2003G*	9
Latin	Arts and Humanities	3	MLA-1019G*	3

AP Examination Title	MVNU Responsible School	Minimum Required Score	MVNU Course Equivalent	Credit Hours Awarded
Latin	Arts and Humanities	4	MLA-1019G*	6
History and Social Science				
U.S. Government and Politics	Arts and Humanities	3	POL-1003G	3
U.S. History	Arts and Humanities	3	HIS-2013 or HIS-2023	3
Psychology	Natural and Social Sciences	3	PSY-1013G	3
European History	Arts and Humanities	3	HIS-1013G	3
World History	Arts and Humanities	3	HIS-1013G	3
Mathematics and Science				
Calculus AB	Natural and Social Sciences	3	MAT-1023G	3
Calculus AB	Natural and Social Sciences	4	MAT-1034G	4
Calculus BC	Natural and Social Sciences	3	MAT-1034G	4
Calculus BC	Natural and Social Sciences	4	MAT-1034G and MAT-2034	8
Statistics	Natural and Social Sciences	3	MAT-2063G	3
Chemistry	Natural and Social Sciences	3	CHE-1034G or CHE-1064G	4
Chemistry	Natural and Social Sciences	5	CHE-1034G and CHE-1044	8
Biology	Natural and Social Sciences	3	BIO-1014G	4
Physics 1	Natural and Social Sciences	3	PHY-2014G	4
Physics 2	Natural and Social Sciences	3	PHY-2024	4
Physics C Mechanics	Natural and Social Sciences	3	PHY-2055G	5
Physics C E&M	Natural and Social Sciences	3	PHY-2065	5
Environmental Science	Natural and Social Sciences	3	BIO-1094G	4
Computer Science A	Natural and Social Sciences	3	CSC-1024	4

*Fulfills Foreign Language requirement and General Core.

^Also requires Art Department review before credit is approved.

#Must include both Seminar and Research AP tests for credit.

Financial Information (Traditional)

Expenses and Financial Arrangements

Charges shown below are for the 2019-2020 academic year and are subject to change.

Schedule of Charges - Traditional Programs

Tuition and fees for the 2019-2020 academic year are:

	Fall	Spring	Total
Tuition	\$ 14,497	\$14,497	\$28,994
Housing	2,282	2,282	4,564
Meal Plan	1,803	1,803	3,606
Student Fee	125	125	250
Total Residential	\$18,707	\$18,707	\$37,414
Total Commuter	\$14,622	\$14,622	\$29,244

Tuition:

Tuition covers the costs of instruction and the entire complement of academic services. Specific course fees may be added for items including but not limited to individualized instruction, laboratory supplies, uniforms, books, and transportation. Off-campus travel fees and Summer School charges may also be published in other publications. Students participating in off-campus study experiences are responsible for learning about advanced payment deadlines and are required to follow them.

- Semester tuition charges allow students to carry up to 18 credit hours each semester.
- A tuition overload fee of \$838 is charged for each credit hour over 18 in fall or spring.
- Students enrolled in fewer than 12 credit hours in fall or spring pay part-time tuition of \$838 per credit hour as well as a \$7 per credit hour student fee.
- Summer courses are offered at a discounted rate.

Senior Citizens: (62 or over and retired) may enroll tuition-free on a space-available basis. Senior citizens must pay applicable course fees and the technology fee. Senior citizens cannot enroll in GPS or graduate programs. Contact the Admissions Office for details.

Housing Charges: Unmarried students not living with parents or guardians must room and board on campus. Exceptions to this requirement are made for students who are 23 or older by August 31, 2019. The above housing charges are for double occupancy. If single occupancy is requested (and available), there will be a 50% surcharge. Laundry facilities are provided for residential students at no additional charge.

Students are not permitted to occupy rooms during summer and other vacation periods without permission from the Dean of Students and the Student Financial Services Office. When such permission is granted, a charge is assessed and must be pre-paid.

Meal Plan: Students who live on campus are required to purchase the MVNU meal plan. Meal plan charges are listed above. *A la carte* meal rates are higher and are published in the Dining Commons.

Student Fee: This will be used for technology improvements (WiFi expansion, computer lab upgrades, and campus bandwidth increases) and enhanced student programming.

Other Charges

Course, lab, and travel fees are reflected on the student's statement of account, if applicable.

Application fee	\$25
Auditing (per course)	\$100
Credit by examination recording fee (per credit hour)	\$30
Directed study fee per credit hour (in addition to tuition, if requested by student)	\$50
Independent study fee per credit hour (in addition to tuition)	\$50
Housing deposit	\$150
ID card replacement	\$10
Late confirmation fee	\$50
Returned check fee	\$30
Room key replacement	\$20
Transcript fee (per official transcript)	\$10

Tuition deposit	\$100
Tuition deposit (international students)	\$2,500

Off-Campus Study Financial Arrangements

Students are limited to one semester-long, non-MVNU off-campus study (OCS) program during their time at MVNU. If a student is granted an exception, the entire program cost will be his/her responsibility, along with any administrative costs assessed by MVNU, as it deems appropriate. If a student is dismissed from an OCS program for any reason, the cost of returning home prior to the end of the program will be borne entirely by the student and there is no guarantee that the student will earn credit for academic work performed. Because the number of students who can study in any OCS program is constrained by financial resources, application does not guarantee approval.

Semester-Long Programs

Most requests for OCS pertain to programs that coincide with MVNU's fall or spring semester and may be categorized as (1) MVNU-accredited, (2) Nazarene Consortium, or (3) MVNU-affiliated.

MVNU-Accredited

MVNU operates two programs: the Urban Ministry Semester and the Costa Rica Program. For the Costa Rica program, students are charged MVNU's tuition and technology fee, along with an OCS program fee that is comprised of a \$1500 fee plus a semester's cost of MVNU room and board. Students pay a non-refundable \$250 application fee, which is applied to the program cost. Transportation to/from Costa Rica is included in the program cost. If airfare is purchased for the student prior to the student's cancellation, the student will be billed for the full airfare cost, less any deposit paid. Students who participate in this program continue to receive MVNU financial aid, up to the value of MVNU tuition.

Nazarene Consortium

MVNU allows students to cross-register with a participating member of the Nazarene Consortium (host institution). Students take classes at and live on the campus of the host institution. MVNU will bill students a \$500 administrative fee, MVNU's tuition and technology fee, and the host institution's room, board, and fees. Students pay a non-refundable \$250 application fee, which is applied to the program cost. Students who participate in this program continue to receive MVNU

financial aid, up to the value of MVNU tuition. Additional information is available in the Student Financial Services Office.

MVNU-Affiliated

Students may earn MVNU credit by participating in OCS programs offered by other institutions. Typically, these programs are sponsored by the CCCU. Non-CCCU programs require prior approval by MVNU before a student can make application. Participation requires an application process and prior approval by MVNU. Students are charged MVNU's tuition and technology fee, along with an OCS program fee that is comprised of a \$1500 fee plus a semester's cost of MVNU room and board. Students pay a non-refundable \$250 application fee, which is applied to the program cost. Students are responsible for costs associated with travel and/or transportation to/from the program site. Students who participate in this program continue to receive MVNU financial aid, up to the value of MVNU tuition.

CCTECC Programs: Students pay a \$375 program fee (which covers the cost of the CCTECC orientation), a \$100 overseas supervisor fee, a \$100 cooperating teacher fee, MVNU's tuition and technology fee, student teaching fees, and room and board (if applicable). Students pay a non-refundable \$250 application fee, which is applied to the program cost. Students are responsible for travel/transportation to/from the program site, as well as room and board at the program site. Students who participate in this program continue to receive MVNU financial aid, up to the value of MVNU tuition.

Summer Programs

Students participating in an off-campus study program during the summer will be billed by MVNU the tuition and fees of the program, along with MVNU's summer tuition. Students pay a non-refundable \$250 application fee, which is applied to the program cost. MVNU financial aid is not apportioned for any OCS program during summer.

Confirmation/Financial Arrangements

Prior to enrolling, students must complete the Student Financial Agreement through the student portal.

Students must be confirmed with financial arrangements each semester. The steps to be completed by the students through the portal include:

- Clearing all holds and paying all fines
- Reviewing the student account

- Selecting a payment plan
- Making payment according to the plan selected/fulfilling the conditions of the plan

Students must have financial aid paperwork fully completed and submitted to the Student Financial Services Office (SFS) to receive an award prior to being confirmed. Once all steps have been completed, the SFS staff will report the student as confirmed. Only those who are confirmed may attend classes and move into campus housing.

Deadlines for confirmation and finalization of financial arrangements are:

- August 14, 2019 for fall semester
- December 11, 2019 for spring semester.

Students (other than those receiving Chapter 31 or Chapter 33 Veteran Affairs benefits) who have not completed the confirmation process by the above deadlines are assessed a \$50 late confirmation fee.

Should a student have special circumstances or paperwork still in process and be unable to:

1. meet the requirements for confirmation or
2. complete financial arrangements

before the start of a semester or term, permission to move into the residence hall and/or attend classes must be obtained from the Student Financial Services Office while the situation is being resolved.

Students who have not completed confirmation by the tenth business day of the semester will be disenrolled from the University.

Students with outstanding balances by the confirmation date for the spring semester will not be allowed to enroll for the spring.

Payment Methods

Checks, money orders, cashier's checks, or official bank checks should be made payable to MVNU and should be mailed to the Student Financial Services Office.

MVNU has contracted with Official Payments Corporation to process online payments. A convenience fee of \$3 per transaction is charged for electronic check (ACH) payments and a 2.5% processing fee is assessed for payments made by credit card; American Express, Discover, MasterCard, and Visa are accepted. Note: When paying an application

fee, housing deposit, or tuition deposit, processing fees are not assessed.

Payment options include:

- *Full Payment* – Payment in full by August 14, 2019 for fall and December 11, 2019 for spring.
- *Cashnet Payment Plan* – For students and parents desiring to pay educational expenses in monthly installments, a low-cost deferred payment program is available. The monthly plan is administered by Cashnet. The annual enrollment fee is \$75. To enroll, go to <https://commerce.cashnet.com/paymentportal>.
- *Private Education or Parent PLUS Loan Option* – Balance is covered by a private or Parent PLUS loan. The loan must be approved by the confirmation deadline to avoid the late fee.
- *Combination Cashnet Payment Plan and Loan* – Balance is covered by a Cashnet Payment Plan in addition to a private or Parent PLUS loan.

Student Financial Responsibility

While a student may receive financial assistance from various sources that are unrelated to MVNU, the sole responsibility for satisfying amounts owed MVNU falls with the student. Should a student's account become delinquent at any time during or after enrollment at MVNU, the following actions may be taken at the discretion of MVNU:

- Enrollment in a current semester is terminated, requiring the student to leave MVNU immediately upon notice by the MVNU staff.
- Registration for a future semester is suspended until the account is made current.
- Interest is assessed on any outstanding balances to the extent legally allowed.
- A collection agency is engaged and the student charged any fees associated with the use of such an organization, including attorney fees and court costs.
- MVNU withholds transcripts or diplomas.
- MVNU requires the execution by the student of a promissory note for the amounts owed.

A student may appeal a delinquency classification to the Student Financial Services Office, whose judgment is considered final in such matters.

Other Information

- All deposits are automatically credited against accounts due.
- Transcripts may be released when all financial obligations to the University have been met and institutional loans are paid.
- Diplomas may be released when all account balances with the University have been paid. For students who have a Federal Perkins Loan, exit counseling must be completed for a diploma to be released.

For further information regarding payment of student accounts, the confirmation process, or financial holds, students may contact the Student Financial Services Office by email at accounts@mvnu.edu or by phone at (740) 397-9000, ext. 4540 or toll-free (866) 686-8243, option 1.

Refund Policy for Dropping Courses

The following refund provisions apply to students who remain enrolled at the University who change enrollment by reducing an overload to full-time, dropping from full-time to part-time or removing credit hours within a part-time status.

1. Tuition and Student Fee: To receive a refund for tuition and the student fee during fall and spring semesters, students must drop classes within the first 10 business days of the semester.
 - a. The tuition refund policy for the summer term allows for a refund through the first five business days of the term.
 - b. Financial aid may be adjusted in conjunction with changes in tuition during the drop/add period. Consult with the Student Financial Services Office for more details.
2. Fees: Audit, course, directed study, laboratory, and private instruction fees are refundable only through the first 10 business days of the semester for fall and spring. Fingerprinting, student teaching fees, art/graphic design course fees, some nursing fees, and several travel course fees are non-refundable. Summer laboratory fees are non-refundable after five business days.

Additional Refund Information

1. Housing deposits: When a student moves off campus or does not return to the University, a

written request must be made by June 30 of the enrollment year for a housing deposit to be released. E-mail requests are preferred and should be sent to reslife@mvnu.edu. When released, the deposit is automatically applied to any outstanding balance. If all accounts are paid, the deposit is refunded.

2. Rooms are rented for the entire semester and as such cannot be re-assigned during a semester. Room charges are refunded as follows:
 - By Friday of the first full week of the semester: all but \$150
 - By Friday of the second full week of the semester: all but \$300
 - After the second full week but before the end of the fourth full week: 50%
 - After the fourth full week: 0%

The University retains 100% of the room rent when a student moves off campus after the fourth full week. In this case the housing deposit is released. Otherwise it is forfeited.

3. Meal Plan: Meal Plan refunds are prorated on the basis of the number of feeding days remaining in the term from the end of the week in which the student moves off campus.
4. Spring travel: Because of commitments for transportation, rooms, etc. made prior to the trip, refunds are not allowed on spring travel expenses after the last date announced by the professor for cancellation or January 10, whichever comes first.

Refunds are subject to timely completion of appropriate petitions (e.g., schedule change form, off-campus housing petition) by students in harmony with published deadlines.

Refund Policy for Students Withdrawing from the University

Withdrawal from MVNU may affect the student's eligibility for future financial aid. Once a student has completed the withdrawal process, the portion of student charges eligible to be refunded is based on a ratio of the number of days remaining in the term to the total number of days in the term. The withdrawal date is considered to be the earliest of [1] the last day of class attendance, [2] the last day of documented academically related activity, or [3] the date the student began the withdrawal process. A pro-rated refund is made if the student has not attended class beyond the 60% point of the term. After that, no refund is made.

The refund policy applies to tuition and the technology fee. Course fees are refundable only through the first 10 business days of the semester for fall and spring semesters. Any course expenses already expended are not included in the refund.

Housing deposits, housing refunds, and meal plan refunds will be handled as follows:

- If a student moves out of campus housing through the 60% point in the semester, the housing deposit will be forfeited, the housing refund will be prorated, and the meal plan refund will be prorated.
- If a student moves out of campus housing after the 60% point, the housing refund will be limited to the housing deposit, and the meal plan refund will be prorated based on the end of the week in which the student moves from campus housing.

Return of Title IV Funds

If a student receives financial aid funds from any aid program and subsequently withdraws from MVNU before 60% of the term has elapsed, then a percentage of those funds must be returned to the appropriate federal, state, and/or institutional program(s). The calculation used to determine the return of funds is a ratio of the number of days remaining in the term to the total number of days in the term. The student who remains enrolled and attends class through the 60% point in the term is eligible to retain 100% of federal grant and loan funds. The return of state and MVNU funds follows a similar schedule.

Financial Aid

The purpose of financial aid is twofold: Financial aid assists 1) financially limited students who would not otherwise be able to pursue a college education and 2) students who demonstrate exceptional ability in academics, athletics, music, and/or campus leadership. Financial aid is communicated through an award notification that includes scholarships, grants, loans, and/or employment.

The Free Application for Federal Student Aid (FAFSA) is used to determine eligibility for need-based aid. Students are not required to submit a FAFSA; however, the vast majority of MVNU students choose to submit this form. A FAFSA may be completed online at the U.S. Department of Education's website. All students applying for need-based aid should complete the FAFSA, listing MVNU as the intended university. MVNU's Federal School Code is 007085. Students are encouraged to submit applications for financial aid as early as possible, preferably by October 15.

Inquiries and requests should be directed to Student Financial Services (SFS). MVNU adheres to all state and federal regulations in administering student aid programs.

Types of Aid and Restrictions

Two types of aid are available to eligible students: 1) self-help, which includes loans and employment, and 2) gift aid, which includes grants and scholarships from federal, state, institutional, and private resources. All financial aid is prorated over the entire academic year. No more than one-half of any aid award is applied to a student's account for an individual semester.

Institutional gift aid for any academic year cannot exceed the student's direct charges. Institutional gift aid includes, but is not limited to, merit and need-based aid (academic and non-academic), athletic grants, and artistic awards; but it does not include federal and state-funded grants, self-help (work-study, campus employment, and loans), and private scholarships.

Students cannot receive more than one ACT- or SAT-based academic scholarship in any given semester. If eligible for more than one academic scholarship, a student is awarded the scholarship with the highest dollar value.

Unless otherwise specified, all students receiving financial aid are required to enroll as full-time students for each semester (12 or more semester hours).

There are limitations on financial aid for semester-long Off-Campus Study programs. See SFS for details.

Satisfactory Academic Progress (SAP)

To participate in the Title IV Student Aid Program (Federal Perkins Loan, Federal Stafford Student Loans, Federal PLUS Loans, Federal PELL Grants, Federal Supplemental Educational Opportunity Grants, Federal TEACH Grants and Federal Work Study), MVNU must fulfill federal requirements to implement and make public the standards for satisfactory academic progress that students must meet to be eligible to receive Title IV financial assistance. These standards are for financial aid purposes only and do not replace or override the academic policies of MVNU.

Satisfactory Academic Progress (SAP) is based on three components:

1. Completion Rate

A student must complete 67% of all hours attempted for financial aid eligibility. This is determined by dividing the total hours earned by the total hours attempted. Attempted hours will include grades of F,

U, W, WF, WP, and I. These grades will NOT count as earned hours.

- Repeating courses will add to the total number of attempted hours but will count only once as earned hours.
- If a traditional student chooses to retake a course she or he has already passed at some point in the past, she or he can do this one time and receive financial aid for the course. Two or more attempts to take a course that has previously been passed cannot be funded with financial aid.

2. Timeframe

A student can only receive financial aid for a maximum of 1.5 times the total credit hours required for his or her degree program. For any major that requires 120 credit hours for graduation, this equals a maximum of 180 hours that can be attempted. For any majors requiring more than 120 hours, the maximum allowed will be calculated accordingly. Any hours attempted but not completed will count.

- Transfer credit hours must be included in the maximum of 180.
- Repeated courses, failed courses, and withdrawals will also count towards the maximum.
- An appeal must be submitted by any student who has exceeded his or her maximum timeframe allowed due to transfer hours or change of major. Student Financial Services will review the credits attempted that apply towards the student's program of study in order to determine future financial aid eligibility. An academic plan signed by the student's academic advisor will be required.

3. GPA

A student must achieve a cumulative GPA of 2.0 (3.0 for all graduate programs) by the end of the fourth semester payment period and maintain the 2.0 (3.0 for all graduate programs) for the duration of his or her eligibility.

- Repeated courses and failed courses will also count towards the cumulative GPA.

SAP Review

After each semester/payment period, Student Financial Services will review completion rate, timeframe, and GPA

for each student enrolled in that semester/payment period, regardless of whether or not the student received Title IV aid during that period. Depending on the student's status relative to these factors, the student's progress for financial aid purposes will be determined as follows:

1. Satisfactory Progress applies to any student who passed the appropriate number of earned hours to attempted hours, who has not exceeded the maximum total attempted hours allowed for his or her program and, whose GPA meets the requirements listed above.
2. Financial Aid Warning applies to any student who fails to meet the requirements for completion, timeframe, and GPA listed above for the semester. A warning letter will be sent at the end of the semester to the student to indicate why he or she is receiving a warning and what must be done within the next semester to be back in accordance with the SAP rules. If the student fails to meet these requirements, his or her federal, state, and institutional financial aid will be suspended for future semesters. The student must bring his or her hours and/or GPA back into good standing or appeal to regain financial aid eligibility. A student cannot have two consecutive semesters on warning.
3. Financial Aid Probation applies only to a student who has failed to meet SAP requirements and has had an appeal approved by Student Financial Services. A student may be on probation for one semester only. If a student has not met the SAP requirements above, he or she should work with a Student Financial Advisor to understand what options exist to regain eligibility.
4. Unsatisfactory Progress applies to a student who has not met the requirements for completion rate, GPA, and attempted hours after his or her warning period and who is not on financial aid probation nor has an approved appeal. This student is not eligible for federal, state, or institutional financial aid until she or he meets the requirements in each of the three areas listed above.
5. Academic Plan applies to any student who has submitted an academic plan as part of a SAP appeal and has successfully completed the goals for that semester as outlined by the plan. The student continues to remain eligible for federal and state financial aid, but does not meet the definition of an SAP eligible student.

SAP Appeal Process

1. A student who wishes to appeal his or her unsatisfactory academic progress determination must submit an SAP Appeal Form to the Student Financial Services office. SAP appeals are reviewed based on extenuating circumstances such as serious injury or illness involving the student, death of an immediate family member, or other circumstances beyond the student's control that prevented him or her from achieving satisfactory progress. Each student's circumstance is reviewed on an individual basis. Students appealing may also be required to submit an academic plan that indicates exactly what the student must take to finish his or her academic program and details in what time frame this can be accomplished.
2. The Assistant Director for Financial Aid will review the appeal and determine whether the financial aid termination is justified. The student will be advised in writing and by MVNU email of the decision and may be asked to meet with his or her Student Financial Advisor to plan for future semesters.
3. A student wishing to appeal the decision of the Assistant Director for Financial Aid may do so in writing to the Director of Student Financial Services.

Things to Consider Regarding the SAP Policy

Changes in Major: Students will be expected to maintain satisfactory academic progress standards even if they make a change in major. All hours attempted from prior majors will be included in the total hours attempted for maximum time frame requirements. A student may appeal for a longer time frame with rationale of the reasons for the extension.

Second Degree: Students who pursue a second degree must pass courses at a 67% pass rate and maintain a cumulative grade point average of 2.0 or higher. They may not exceed 150% of the required courses for the new degree.

Incomplete Coursework: Incomplete course work will be included as all hours attempted but not in hours passed until the grade is complete. Once the course is graded, the satisfactory academic progress status process will be re-evaluated upon request of the student.

Repeated Coursework: A student who fails a required course may repeat the course and receive federal financial aid. A student may repeat a passing course only one time and receive federal financial aid. Repeated coursework will

count towards the total hours attempted and total hours passed for satisfactory academic progress. Cumulative grade point average for repeated courses will be determined by the Registrar's Office.

Non-credit/remedial Coursework: Remedial coursework will be counted in determining financial aid eligibility, enrollment status, and satisfactory academic progress. These courses will be included in maximum timeframe calculations. Students will be limited to no more than thirty (30) remedial credits for financial aid eligibility.

Summary

Students are encouraged to review these standards and to be knowledgeable relative to their individual progress and financial assistance. The University recognizes that circumstances and conditions regarding these standards may require the discretionary judgment of the Student Financial Services Office. Examples of such conditions include changing majors or career objectives as well as various personal reasons. Any student with questions regarding SAP or these conditions should contact the Assistant Director for Financial Aid.

Loan Programs

Federal Direct Loans

The first step in obtaining a Federal Direct Loan is completing the Free Application for Federal Student Aid (FAFSA). A Master Promissory Note and an Entrance Counseling session must also be completed to be eligible for Federal Direct loans. The results of the FAFSA, along with the cost of attendance and other financial aid received are considered when determining award amounts. Aggregate undergraduate Direct Loan borrowing may not exceed \$31,000 for dependent students and \$57,500 for independent students. The annual Direct Loan limits are presented in the accompanying chart.

Federal Direct Loan Limits**Dependent Students**

	Subsidized (or Unsubsidized)	Unsubsidized
Freshman	\$3,500	\$2,000
Sophomore	\$4,500	\$2,000
Junior/Senior	\$5,500	\$2,000
Aggregate	\$31,000 (\$23,000 Subsidized)	

Independent Students

	Subsidized (or unsubsidized)	Unsubsidized
Freshman	\$3,500	\$6,000
Sophomore	\$4,500	\$6,000
Junior/Senior	\$5,500	\$7,000
Aggregate	\$57,500 (\$23,000 Subsidized)	

The Direct Subsidized Loan interest rate is determined by the U.S. Department of Education. Federal Direct loans may be subject to variable interest rates and origination fees. For additional information on Federal Direct loan interest rates and origination fees visit www.studentloans.gov. Origination fees will reduce the loan amount applied to the student's account.

The federal government pays the interest on the subsidized Federal Direct Loan while the student is enrolled at least half-time and during the six month grace period.

Unsubsidized Federal Direct Loans accrue interest from the day the loan is disbursed until the loan is paid in full. Students may pay the interest during enrollment or allow it to be capitalized.

Repayment of Direct Loans begins six months after the student graduates, leaves school, or drops below half-time enrollment. The standard repayment plan is 10 years, but other repayment plans are available.

At MVNU, students will be awarded their maximum eligibility for Federal Direct Loans. However, loans will not be posted to any student account until all necessary paperwork is submitted and may be canceled if not completed early in the semester.

Federal Parent Loans for Undergraduate Students (PLUS)

Each year parents may borrow up to the difference between the cost of education and the amount of financial aid received by the student. The PLUS interest rate is determined by the U.S. Department of Education. Federal PLUS loans may be subject to variable interest rates and origination fees. For additional information on all federal loan programs, visit www.studentloans.gov. Origination fees will reduce the loan amount applied to the student's account.

Dependent students whose parents are unable to obtain a PLUS loan may have increased loan limits.

Student Employment/Work-study

The University supports work-study as a method of financing students' education. Work-study is awarded to those students with remaining financial need. Most students work between 8 to 10 hours per week, and supervisors value that academic achievement is MVNU's first priority.

If work-study eligibility is included as a part of an award, the student will have the ability to find and secure a job on campus. The awarded eligibility does not guarantee a job. Students apply for and interview for these jobs just as they would any regular job. The following link provides additional information: www.mvnu.edu/jobs/Students.

Grants

Federal Pell Grants are awarded to "needy" students as defined by the Free Application for Federal Student Aid (FAFSA) results. The amount is determined on the basis of the student's and family's Expected Family Contribution (EFC). To apply for a Federal Pell Grant, the student must complete the FAFSA; no other application is required.

Eligibility for the Federal Pell Grant is determined by the Department of Education. Visit www.studentaid.ed.gov for eligibility criteria.

The federal government provides Federal Supplementary Educational Opportunity Grants for students who demonstrate exceptional financial need. Student eligibility is determined by the information parents and students provide on the FAFSA.

Teacher Education Assistance for College and Higher Education Grants (TEACH) are awarded to undergraduate and graduate students that are accepted into an eligible program of study and agree to teach full-time for at least four years (within eight years of completing that program)

as a highly qualified teacher at a Title I school. The award has additional eligibility requirements.

Mount Vernon Nazarene University Opportunity Grant is awarded based on financial need as determined by the FAFSA. This award may be renewable each fall semester provided there is not a significant decrease in financial need.

The Mount Vernon Nazarene University Challenge Grant is awarded to students who are members of or who regularly attend a Church of the Nazarene and consider it their "home church." Membership or attendance must be established for at least one year prior to receiving the grant. Churches are challenged to match at least \$500 of the grant for their students enrolled at the University.

The Nazarene Pastor/Missionary Dependent Grant is available to full-time, unmarried, dependent children of active missionaries, full-time pastoral staff, or commissioned evangelists who serve the Church of the Nazarene. This grant is also available for dependent children of part-time (20+ hours per week) paid pastoral staff.

The Interdenominational Pastor/Missionary Dependent Grant is available to full-time, unmarried, dependent children of active, full-time missionaries, pastors, or evangelists under official appointment by a group other than the Church of the Nazarene. This grant is also available for dependent children of part-time (20+ hours per week) paid pastoral staff.

Bible Quiz Grants are awarded to any student who was a member (for at least one year) of a district teen Bible Quiz team during high school. The grant amount is \$125 per year, up to a total award of \$500 over a four-year period.

Awards for Academic Excellence

Academic Scholarships for First-Time Freshmen 2019-2020

Academic scholarships are awarded to first-time, full-time students based on a calculation of the student's ACT/SAT composite score and high school GPA. Academic scholarships range from \$5,000 to \$17,000 and may be renewed. Any ACT/SAT score(s) received after an official award letter has been mailed will be evaluated on a case-by-case basis. While this evaluation may result in an increased academic scholarship, it does not guarantee a net increase in a student's overall financial aid award.

A full description of these scholarships and other financial aid awards may be found at:

<http://www.mvnu.edu/undergraduate/financialaid/scholarships>.

Academic Scholarships for Incoming Transfer Students

Academic scholarships are awarded to full-time transfer students based on the student's GPA on all previous university work. The student must have more than 16 semester hours of accepted credit from other institutions; readmitted students are not eligible. A full description of the scholarship and other financial aid awards can be found at <https://www.mvnu.edu/undergraduate/financialaid/scholarships/transferscholarships>.

Academic Regulations and Procedures (Traditional)

Web Links

Catalog links (Historic and Current)

<https://www.mvnu.edu/catalog/>

Web Portal

<https://portal.mvnu.edu>

Traditional Undergraduate Class Schedule (Current)

<https://coursecatalog.mvnu.edu>

Right to Privacy (FERPA)

In accord with the Family Educational Rights and Privacy Act (FERPA) of 1974, each student has these privacy rights:

- The right to inspect and review information contained in the student's educational records
- The right to challenge the contents of the student's educational records
- The right to a hearing if the outcome of the challenge is unsatisfactory
- The right to submit an explanatory statement for inclusion in the educational record if the outcome of the hearing is unsatisfactory
- The right to prevent disclosure, with certain exceptions, of personally identifiable information

The University may release directory information without the student's consent unless the student requests that such information not be disclosed. With the exception of directory information, the University cannot release any information to third parties or non-University personnel (including academic information) about a student without an electronic waiver on file in the University Registrar's Office. When waivers are filed, they pertain to all terms of enrollment at the University until the student rescinds the permission.

Students will need to complete the Student Consent to Disclosure of Information Form. In the form, the student will be able to select the type of information to be released and which individuals are permitted to have access to that released information.

The federal law may be accessed at:

<http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html>

The federal regulations may be accessed at:

<http://www.ed.gov/policy/gen/guid/fpco/ferpa/leg-history.html>

Accessibility Services

Students who qualify for and desire accommodations for a particular course due to a disability, as defined by the Americans with Disabilities Act and subsequent amendments, must follow the registration procedures as put forth by the Accessibility Services Office. Students may review a copy of these policies and procedures at the MVNU website:

<https://mvnu.edu/undergraduate/academics/css/accessibilityservices> or request a copy from the Accessibility Services Office in the Center for Student Success.

Proficiency Examinations

Proficiency examinations are used to measure exceptional preparation in high school or independent study, and may be arranged by any qualified student through the University Registrar's Office. The grade for credit established by examination will be shown as EM, which assumes a level of achievement at least equal to a grade of C. Examinations may be taken only by students who are degree candidates. The number of semester credit hours and conditions under which a proficiency examination may be written are determined by the Academic Affairs Office under policies established by the Faculty.

The maximum number of hours by examination that will apply to the 120 semester hours required for the bachelor's degree in a traditional undergraduate program is 30 semester hours.

Trigonometry Proficiency Examination

The Trigonometry Proficiency Exam (TPE) must be taken by students in several MVNU major programs to determine if the student knows enough trigonometry to enter courses in which this knowledge is critical to pass the course. Examples include Calculus II (MAT-2034) and General Physics I with Laboratory (PHY-2014G). Students will be instructed by the department if they need to take the TPE for their chosen degree program. All new students

indicating majors in which the TPE is required will be notified to take the exam at New Student Orientation. If a student misses New Student Orientation or changes his or her major to one that requires the TPE, then the student will need to take the TPE during the academic year by contacting the MVNU Test Center on the upper floor of the library. The TPE is not a credit-bearing exam, and passing the TPE does not earn credit for the MVNU course Trigonometry (MAT-1013).

Registration and Confirmation - Traditional Program

Registration

Registration takes place when the student has met with the assigned academic advisor and scheduled classes in the University database. The Registrar oversees this process.

Students who complete registration early in the process have a better opportunity to register for courses, given that courses are closed once student limit has been reached. Students are responsible for all courses listed in their registration. Some students are permitted to register early (e.g. veterans, honors program students).

Returning student registration is conducted during announced registration periods.

Summer term registration is conducted during the spring semester as announced by the Registrar.

First-time freshmen may register for both the fall and spring semesters at the New Student Orientation sessions during the summer. Freshmen unable to attend a session must contact the Registrar for information.

New transfer students who are accepted and who pay their deposit may register after May 15.

New students beginning in the spring semester who are admitted and who pay their deposit may register for courses any time during the fall semester.

Once classes begin, new students wishing to register for classes in the current semester need prior approval from the University Registrar. Credit may be earned only in courses for which the student is properly registered.

Academic Load and Overload

A normal full-time load in the traditional undergraduate program is 30 credits for the academic year as follows: fall semester, 15 credits; spring semester, 15 credits. A student is classified as full-time provided she or he is registered for at least 12 credits for fall or spring.

A traditional student is not permitted to enroll for more than 18 credit hours during the fall or spring semesters without the written permission of the appropriate school dean. Overload forms may be picked up at the University Registrar's Office. Half-semester load may not exceed eight credit hours, and summer load may not exceed 15 hours, without the same permission. A tuition overload fee is charged for each hour of overload with the exception of the summer term.

Auditing Courses

Students may enroll in one additional course by audit, subject to approval by the school dean in consultation with the instructor. Students seeking to audit a course must meet with the University Registrar to properly register for the course. When a course is audited, no credit is given, and any work performed by the student cannot be counted later for credit. Students who audit courses are in class as observers only and will not be involved in class assignments/activities, unless allowed by the instructor.

Students who audit classes must meet the course attendance policy to have the audit grade (i.e., AU) placed on the permanent record. This grade has no bearing on GPA, and the hours do not count toward earned hours. Applicable dates for dropping and adding courses will be followed. The audit fee is forfeited if the course is not dropped within the first 10 business days of a semester. Auditing is subject to the applicable fees and refunds. Audited courses are not eligible for financial aid.

Changes in Course Registration

Students in the traditional program wishing to make changes in course registration should initiate the process by consulting with their academic advisor first. During the announced registration periods in fall and spring semesters, advisors can make changes to a student's course schedule online. Changes can also be made in the University Registrar's Office up to the first day of classes. After classes begin, a *Class Schedule Change Form* (also known as a Drop/Add Form) must be completed by the student, securing signatures of approval from each instructor and the academic advisor. The change is complete only when the student returns the approved form to the University Registrar's Office and it has been entered into the computer database. A student may request admission to a class until the eighth class day of the semester.

There is no charge for course changes through the 10th business day of the semester. Following the last day to drop a course, charges may be assessed. See the

Financial Information section (p. 28) of this *Catalog* for details.

Repeated Courses

Courses in which an acceptable grade was not earned may be repeated. To repeat a course, the student must register for it and pay tuition. A course may be repeated no more than twice, although a department may set a lower maximum. The most recent grade is used in computing the cumulative GPA. However, the original grade(s) will remain a part of the student's permanent academic record. Credit hours count only once toward graduation. A General Education Core course may be repeated at another college or university only by written permission from the Registrar's Office. A course in the major or minor may be repeated at another college or university only if approved in writing by the school dean who then would send notification to the University Registrar.

Declaring a Degree Program

Degree requirements change with each catalog edition. The applicable catalog requirements for a student's degree program are those existing at the time the student files the Official Declaration of Degree Form in the University Registrar's Office. This form is applicable to traditional undergraduate students only and is used for declaring or changing majors/minors and for advisor assignment. Some majors (e.g., nursing, social work, and education) require a separate admissions process. In such cases, students are held to the major requirements at the time of admission into that major.

Academic Advising

Academic advisors assist in developing educational plans, choosing majors/minors, and scheduling courses. However, the student is ultimately responsible for seeing that all graduation requirements are met.

Overlap Courses

Unless explicitly prohibited in this catalog, students may use one course to meet simultaneously the requirements of the General Education Core, the major, and/or minor. However, the credit hours associated with a course meeting multiple requirements can be counted only once in the total hours required for graduation.

Because a minor is intended to broaden a student's preparation and background, a student is not permitted to select a major and a minor in the same academic discipline.

Multiple Majors

The following policies apply to students desiring to complete two or more different majors simultaneously within the opportunities of one degree and one commencement.

1. If a student changes majors and/or degrees, the satisfactory academic progress time frame for financial aid eligibility will be re-evaluated on a case-by-case basis through the appeal process.
2. Students who pursue multiple majors must complete the major assessment associated with each major selected.
3. The transcript records the completion of multiple majors and minors.

Multiple Degrees

The following policies apply to students desiring to complete two or more different degrees concurrently or sequentially.

1. If a student pursues a second associate degree, the satisfactory academic progress time frame for financial aid eligibility will be re-evaluated on a case-by-case basis through the appeal process, if the time necessary for degree completion extends beyond the sixth semester.
2. If a student has previously earned an associate degree at MVNU or elsewhere, the student can earn a second associate degree or baccalaureate degree by completing a minimum of thirty (30) hours in residence at MVNU, including all requirements for the new major and general education.
3. If a student pursues a second baccalaureate degree, the satisfactory academic progress time frame for financial aid eligibility will be re-evaluated on a case-by-case basis through the appeal process, if the time necessary for degree completion extends beyond the 12th semester.
4. If a student has previously earned a baccalaureate degree at MVNU or elsewhere, the student can earn a second baccalaureate degree by completing a minimum of thirty (30) hours in residence at MVNU including all requirements for the new major and general education. The same policy applies for earning concurrent baccalaureate degrees.
5. Students completing a baccalaureate degree after completing an associate degree must complete the

major assessment associated with the baccalaureate program selected.

6. The transcript records the completion of multiple degrees and the majors, minors, and/or concentrations associated with the degrees.
7. In the case that the original baccalaureate degree was earned at another university, the MVNU transcript may record the previous degree and credit earned in one block (not individual courses). The normal MVNU transcript entries (semesters, specific courses, etc.) will be made thereafter for the enrollment periods at MVNU.
8. All undergraduate students must complete a minimum of 33 letter graded hours in residence to qualify for academic honors at MVNU.

Graduate Credit

Graduate level credit can be used to meet simultaneously undergraduate and graduate program requirements at the University. A senior who has completed, or is completing, all requirements for a baccalaureate degree and who desires to work toward a graduate degree may enroll in any 6000 level course at the University for graduate credit. Admission into a graduate program is required prior to registration and enrollment in any course numbered 6000 or above. Approval is required of the program coordinator and the dean of the school in which the student is pursuing a degree in order for any graduate course to be used for undergraduate credit. No more than six (6) semester hours may be taken for graduate credit by an undergraduate student.

Class Attendance

MVNU is a teaching institution and, as such, it places a high premium on classroom attendance in order to support and elevate academic excellence. Students, therefore, are required to attend all class meetings of courses for which they are confirmed.

In the event of absence, students are responsible for contacting faculty prior to the absence, unless providentially hindered. Students are responsible for all course work missed.

Attendance policies are to be included in all course syllabi. Decisions about make-up work and grade penalties for unexcused absences are at the instructor's discretion. An excused absence is one that does not incur academic penalties.

The following situations constitute excused absences for students. The procedures that follow are also in effect.

University-Sanctioned Events:

- **Field trips and other off-campus events that are University sponsored** - Students are responsible for initiating communication with faculty at least one week in advance of the absence. Faculty are to consult the official policy for reporting procedures for Off-Campus Travel.
- **Early release for on-campus events that are University sponsored** - Students are responsible for initiating communication with faculty at least one week in advance of the absence. Event organizers (usually faculty) are responsible for communicating with the Academic Affairs Office regarding requests for early release notifications.
- **Athletic competition events (Varsity, JV, and Club Levels)** - Students are responsible for initiating communication with their faculty about their team membership and schedule. Near the beginning of each season, the Athletic Director will send team schedules and tentative rosters to Academic Affairs, which will disseminate this information to faculty. Faculty may verify team rosters and schedules on the web at <http://www.mvnuougars.com>. Updates are made for roster changes, game cancellations, rescheduled games, pre- and post-season play, and tournament play.
 - Away games may require long-distance travel, which could result in teams having to leave campus the night before. For home games, teams usually report to the event 90 minutes prior to game time.
 - Athletes who are unable to participate in competition events as a result of injury and who miss class for any athletic event are not excused from class.
 - CCP Students are excused from classes for University sponsored events, as well as extracurricular events that are sanctioned by the student's home high school or middle school. Students must communicate with faculty and provide documentation of their participation in the event in order for the absence to be excused. The documentation should be verified by a school administrator, coach, or director in charge of the event in order for it to be valid.

Medical, Legal, and Military Events:

- **Emergencies or death in the immediate family** - Students are responsible for initiating contact with the Academic Affairs Office as soon as is practical. Upon receipt of information (written or verbal) from the student, a relative of the student, or an MVNU faculty or staff member, the Academic Affairs office will notify applicable individuals. Immediate family includes parents, legal guardians, siblings, grandparents, aunts, uncles, cousins, and children.
- **Legal responsibilities** - Students must provide documentation to the Academic Affairs Office no less than one week in advance of the obligation. Upon receipt of appropriate documentation, the Academic Affairs Office will notify applicable individuals.
- **Extended illness/medical leave (longer than one week of classes)** - Upon receipt of appropriate documentation from the student, the student's parent or legal guardian, an MVNU faculty/staff member, or the student's primary healthcare provider, the Academic Affairs Office will notify all applicable individuals. In certain situations, it may be necessary for the student to withdraw or be withdrawn from a single class or multiple classes.

Note: If students miss class for reasons that are not extended in nature (e.g. doctor's appointment, cold, flu), they are not to be sent to the Academic Affairs Office. Absences for short-term medical leave (less than one week of classes) will be excused by the faculty member when proper documentation is provided. Lack of documentation will result in absences being counted as unexcused.

- **Military responsibilities (up to three weeks of classes)** - Students must provide documentation of military orders to the Academic Affairs Office within one week of receiving orders. Upon receipt of appropriate documentation, the Academic Affairs Office will notify all applicable individuals. If the leave of absence for military duty is to exceed three weeks, the student must contact the University Registrar to discuss a course of action. In certain situations, it may be necessary for the student to withdraw or be withdrawn from a single class or multiple classes.
- **Other Situations** - Other situations may impact class attendance. In such cases, the appropriate departments or individual will notify faculty directly. Academic Affairs has the final word on approval.

Excessive Unexcused Absences

During the fall or spring semester, students having more than an equivalent of two (2) weeks of unexcused absences in a course will be notified that administrative withdrawal from the course is imminent, pending immediate communication from the student with the professor. In the case that the student goes on to accumulate more than an equivalent of three (3) weeks of unexcused absences in the course, the student will be administratively withdrawn from the course. If the student is administratively withdrawn from a course, the student will receive a grade of WF (Withdrawal Failing) for the course. Students will not be administratively withdrawn on this basis during the last three weeks of class (two weeks of class plus finals week). Instead, the student will receive the earned grade at the end of the term when grades are recorded. See also attendance policies specific to short-term courses (e.g. six- and eight-week online courses during the term).

Note: If administrative withdrawal from a course results in the student's enrollment falling below full-time status (minimum 12 hours), the student's financial aid, athletic eligibility, campus housing, and any other factor that requires full-time status may be impacted.

Appeal Process: Students administratively withdrawn from a course on the grounds of excessive unexcused absences may apply for reinstatement to that course within a week (seven calendar days) of the withdrawal. To accomplish this, the student must complete the required appeal application (on the MVNU Portal at Student Resources/Academic Resources/Excessive Unexcused Absences Appeal Application). The application must be submitted electronically to the Academic Affairs Office, which will seek input from others, including (but not limited to) Center for Student Success personnel, the student's advisor, and the student's professor for the course at issue. Students appealing the administrative withdrawal are required to continue attending the course up through the time of their final decision. The final decision will rest with the Academic Affairs Office and cannot be appealed.

Academic Integrity

MVNU encourages personal integrity and maturity in its students. To that end the University adheres to the principle of unquestioned honesty in its expectations of students, faculty, and staff. This standard should govern relationships and behavior in MVNU residence halls, classrooms, chapel, and other campus entities. As a Christian community, faculty, staff, and students have a moral and ethical responsibility to refrain from any activities or behaviors that would suggest academic dishonesty and lack of personal

integrity. Academic dishonesty may involve attendance fraud, cheating, plagiarism, laboratory fraud, fabrication, or electronic media fraud.

Attendance Fraud

The University strives to provide curricular and spiritual opportunities for students to develop and mature. In this process it is essential for the student to be in attendance and to report that attendance honestly. Attendance fraud is misrepresentation of one's attendance at a required campus event. Specifically, attendance fraud includes, but is not limited to, the following:

1. Writing another student's name on an attendance sheet;
2. Asking or permitting another student to write one's own name on an attendance sheet;
3. Writing one's own name on an attendance sheet and leaving the activity before it is formally dismissed;
4. Making a false or misleading statement to an instructor as an excuse for missing class;
5. Altering or forging a document submitted to an instructor from a physician, nurse, or University official as an excuse for missing class; or
6. Providing false information about the amount of time worked on a time record.

Cheating

Cheating is the representation of someone else's work as one's own. In each course, the student is responsible for asking the faculty member which activities are authorized and permitted. Policies must be stated in the course syllabus. Cheating includes, but is not limited to, the following:

1. Unauthorized entry to a faculty or secretarial office in search for examination-related material;
2. Unauthorized use of materials from a faculty or secretarial office to prepare for an examination;
3. Unauthorized use of a previously given examination to prepare for a present exam;
4. Discussing any part of an exam that has not yet been completed with any person who has already completed the exam;
5. Presenting a fraudulent excuse to seek permission to take an exam at a different time than the

scheduled time, or to submit work at a different time than due;

6. Unauthorized possession of a copy of an exam;
7. Giving assistance to or receiving assistance from another student during an exam;
8. Looking at or attempting to look at another student's paper during an exam;
9. Unauthorized use of published materials, notes, or "cheat sheets" during an exam;
10. Unauthorized use of computing devices during an exam;
11. Unauthorized use of tape recorders or other electronic devices during an exam;
12. Unauthorized storage of information on an electronic calculator, computer, or other media for use during an exam;
13. Unauthorized use of pre-programmed computers or calculators during an exam;
14. Unauthorized collaborating with or consulting of another person to complete a project or homework assignment;
15. Accessing an instructor's edition of a textbook or a test bank; or
16. The use of any electronic communication during an examination.

Plagiarism

In the academic community, there is variation in how often and to what degree the sources of ideas need to be cited. Faculty members can provide guidelines within academic disciplines. When the work depends upon the contributions of others, students are expected to acknowledge their indebtedness to them.

Plagiarism is a special form of academic dishonesty that involves the failure to acknowledge the source of ideas or portray someone else's work as one's own. Academic integrity requires that a student acknowledge ideas and expressions borrowed from others. Plagiarism includes, but is not limited to, the following:

1. Looking at or copying another student's work on an assignment (e.g., written work, term paper, workbook);

2. Unauthorized accessing and/or copying another person's computer file(s);
3. Submitting written work obtained from commercial sources (e.g., on-line or Internet term papers) or submitting work based upon information from such sources;
4. Submitting work prepared by another person whether for money or favor; or
5. Unacknowledged quotation of a published work.

Laboratory Fraud

Students who misrepresent their own work on laboratory projects commit laboratory fraud. Examples include, but are not limited to, the following:

1. Submitting one's laboratory project to an outside laboratory for analysis;
2. Submitting one's laboratory project to another student for analysis;
3. Submitting a laboratory report of an experiment performed by other persons;
4. Misrepresenting the date or amount of time spent on an experiment or other laboratory activities;
5. Submitting a copy of another person's computer program or project as one's own work; or
6. Submitting a copy of a commercially available computer program as one's own work.

Fabrication

Students who commit academic fraud fabricate fictitious data for experiments and report them as real. Examples include, but are not limited to, the following:

1. Submitting a report on an experiment or project that was not actually performed;
2. Listing works that were not actually consulted in a bibliography; or
3. Listing fictitious works in a bibliography.

Electronic Media Fraud

Computers and other electronic information technologies function as instruments to facilitate student learning. They can also be employed as means to bypass the discipline of personal learning and mastery, as well as allowing opportunities for other non-academic improprieties.

Examples of electronic media fraud include, but are not limited to, the following:

1. Use of digital cameras, cell phones, or similar devices to capture, store, and transmit partial or whole examinations;
2. Capturing another person's login and password information to gain unauthorized access;
3. Unauthorized access to and altering of student grade information stored on the University's learning management system (Moodle), servers, and/or computers;
4. Unauthorized capture and distribution (e.g., peer-to-peer file sharing) of copyrighted materials, including music, videos, publisher text banks, and/or electronic textbooks, without permission of the publisher.
5. Sending and/or accessing electronic messages or digital images of course-related materials during examinations;
6. Malicious attacks on the University's computer system and/or network;
7. Unauthorized or illegal data mining of University-owned records.
8. Using electronic technology to misrepresent one's identity to others (i.e., electronic aliases); or
9. Circumventing University network security systems to gain unauthorized access (i.e. hacking) to information records and/or websites.

Policies

MVNU endeavors to communicate clearly its positive expectations about the principle of academic integrity, to educate its members, and to handle academic integrity violations in a fair and consistent manner.

1. The penalty for any first offense shall be a zero on that particular assignment. No makeup examination or extra credit project will be permitted. If a faculty member uses a lowest grade dropped policy, then the zero may not count as the lowest grade to be dropped.
2. The penalty for any second offense shall be failure of the applicable course.
3. The penalty for any third offense shall be failure of the applicable course and immediate dismissal from

MVNU. All other courses in the given term of attendance shall have the WP (Withdrawal Passing) or WF (Withdrawal Failure) grade administered.

4. More severe penalties may be levied (a) when the integrity offense is an organized group action, (b) when criminal actions result (e.g., unauthorized use of a master key or breaking and entering), or (c) when the action involves more than one course. MVNU reserves the right to prosecute alleged criminal offenses as well as involve its Human Resources and/or Student Life personnel in the investigation and discipline. In egregious cases, the action may be initiated by the Academic Affairs Office, Vice President for Academic Affairs, or VPAA's designee.
5. The rights of students, as outlined in the *Student Handbook*, will be upheld, except that the procedures in this section shall apply in academic integrity matters.
6. In cases of dismissal, the "Academic Dismissal for <insert applicable term>" designation shall be entered on the student's transcript.
7. Schools and/or faculty may stipulate more stringent policies in the school policy and/or syllabi. The academic integrity decision (including any appeals) will be made on the basis of the more stringent policy.
8. In the case of dismissal, the dismissal will be no less than one full semester. A student may petition for readmission after the dismissal period. If re-admission is granted, the enrollment status for the first semester shall be academic probation. If no further incidences occur during the probationary semester, then the status will be changed to "good standing" at the beginning of the next semester.
9. The Assistant to the President for Effectiveness and Planning is responsible for maintaining all records of academic integrity decisions.
10. The maximum penalty that a school dean or faculty member can determine is failure for the course. Dismissal from the University is a decision that can be made only by the Academic Affairs Office.

Procedures

1. In alleged instances of academic dishonesty, the instructor shall address the issue with the student and, if necessary, investigate the incident. The instructor will determine the appropriate action to

take based on the above policy and the course syllabus and report the matter to the school dean and the Academic Affairs Office. The instructor may consult the department chair, school dean, and/or the Academic Affairs Office during the investigation and decision process. If the matter is resolved at this level, the process will end when the Academic Integrity Incident Report is filed with the Assistant to the President for Effectiveness and Planning. (A copy of the report will also be given to the school dean.)

2. The student has the right to appeal the matter to the school dean. The appeal must be made in writing within five working days of the time the student has been notified in writing of the decision. The appeal must include all correspondence and evidence related to all previous actions and appeals. The school dean will respond in writing to the appeal within five working days of receipt of the appeal.
3. The dean's decision may be appealed only on procedural grounds (e.g., the stated process was not followed, relevant evidence was not considered). Such an appeal must be filed in writing with the Assistant to the President for Effectiveness and Planning within five working days of the time the student has been notified in writing of the decision. The appeal must include all correspondence and evidence related to all previous actions and appeals.
4. The Assistant to the President for Effectiveness and Planning will convene the Academic Integrity Review Board to administer the appeal. The Academic Integrity Review Board is comprised of five members, all of whom are appointed by the VPAA, in consultation with the Academic Leadership Team. Three members will be full-time faculty, and two members will be junior or senior students. The Assistant to the President for Effectiveness and Planning will chair the board but will vote only in the case of a tie. The Assistant to the President for Effectiveness and Planning is responsible for insuring that the matter has been handled fairly and that a written report of the board's decision is sent to the instructor, department chair, school dean, student, and the Academic Affairs Office. The board's decision is final and cannot be appealed.

Grades

Students view their grades on the University's web portal at my.mvnu.edu.

System of Grading

The University utilizes the following letter grade system. Faculty have the option of adding +/- to letter grades.

A	4.0 grade points per semester hour: A superior grade earned by work consistently exceeding high standards as judged by both internal and external criteria.
A-	3.7 grade points per semester hour.
B+	3.3 grade points per semester hour.
B	3.0 grade points per semester hour credit: A good grade signifies accomplishment which is above average in quantity and quality.
B-	2.7 grade points per semester hour.
C+	2.3 grade points per semester hour.
C	2.0 grade points per semester hour: A satisfactory grade characterizes the performance of most studies as judged by both internal and external standards.
C-	1.7 grade points per semester hour.
D+	1.3 grade points per semester hour.
D	1.0 grade point per semester hour: A passing grade represents sufficient accomplishment to pass the course, but does not meet the average standard.
F	0.0 grade points per semester hour; failure to pass the course; no credit is earned. Instructor must report the number of documented class absences and last date of attendance via web grading.
X	0.0 grade points per semester hour: A failure earned because the GPS course was not completed or the GPS official withdrawal procedure was not completed; no credit earned (except for SA/UN grade scheme where X is not computed).
EM	Not computed: Credit by examination.
S	Not computed: Satisfactory work has met prescribed standards for the course.
U	Not computed. Unsatisfactory work has not met prescribed standards for the course.
W	Not computed: Withdrawal within the specified date, or after the specified date with Academic Affairs Office permission.

WF	Not computed: Withdrawal failing when a student withdraws from the University after the last day to withdraw from a course deadline.
WP	Not computed: Withdrawal passing when a student withdraws from the University after the last day to withdraw from a course deadline.
I	Not computed: Incomplete work necessitated by a case of serious illness or other emergency. The student and instructor must request and receive written permission for the incomplete grade.

Computation of Grade Point Average

The number of grade points earned in a course is obtained by multiplying the number of semester hours for the course by the number of grade points per credit hour for the grade received in the course. The cumulative GPA is computed by dividing the total number of grade points received by the total number of semester hours in courses in which grades have been received.

Note: For additional information about grades that are earned in courses that are taken elsewhere and transferred back to MVNU, see Transfer Student Admission Procedures (p. 21) elsewhere in this *Catalog*.

Incomplete Grades

I = Not computed: Incomplete work necessitated by extenuating circumstances (e.g., serious illness or other emergency).

When necessary, the instructor may administer a grade of incomplete (I) for the mid-semester in fall or spring. This must first be approved via email by the University Registrar. As a final grade, an incomplete grade (I) may be administered only if permission is granted by the school dean. To accomplish this, the student and the instructor must submit a written request for an incomplete grade (I) prior to the final examination period for that particular term to the school dean. If permission is granted, the final grade must be submitted to the University Registrar within 30 calendar days of the last date of the term. If not, the final grade will automatically be changed to F, and the student will not receive credit for the course. Alternatively, when permission for an "I" grade is given, the instructor may, at his or her option, specify a final grade other than "F" that the student should receive if the completion deadline is not met.

The student and instructor may petition in writing for extended time to the Vice President for Academic Affairs. If the petition is granted, the deadline for the final grade submission will be set and communicated to the student,

instructor, and University Registrar in writing. MVNU email is an approved means for all communication.

Note: A grade of Incomplete (I) may not be appropriate for certain courses, particularly those for which student attendance is necessary. Examples include (but are not limited to) internships, clinicals, directed studies, and independent studies. Whether the course is suitable for a grade of Incomplete (I) is solely within the instructor's discretion. If the instructor decides that the course is not suitable, then the Withdrawal policy will be in effect.

Grade Appeals

1. When a student has a question about a course grade, he or she must first seek resolution with the course instructor.
2. If a satisfactory resolution cannot be reached, the student may request that the matter be reviewed by the department chair no later than 30 calendar days from the issuance of the grade. To accomplish this, the student must submit an appeal, along with all required supporting documentation, including a course syllabus (or equivalent) and the assignments in question. The chair reserves the right to question any individual and/or obtain additional information from any other source. If the student files the request outside the 30-calendar day period, she or he forfeits any further right to appeal. The chair's review is limited to whether the student was treated fairly and stated protocols were followed. The chair will either uphold the appeal or deny the appeal. If the appeal is upheld, the chair may impose conditions. The chair will notify the student of the decision in writing within 10 business days of receipt of the appeal.
3. If the student is not satisfied with the decision of the department chair, he or she may request that the matter be reviewed by the school dean. To accomplish this, the student must inform the chair (in person or via e-mail) within 10 business days of the chair's decision. If the student files the request outside this period, she or he forfeits any right to proceed. The chair will send the appeal file to the dean; thus, the student may not include additional information. The dean reserves the right to question any individual and/or obtain additional information from any other source. The dean's review is limited to whether the student was treated fairly and stated protocols were followed. The dean will either uphold the appeal or deny the appeal. If the appeal is upheld, the dean may impose conditions. The dean

will notify the student of the decision in writing within 10 business days of receipt of the appeal.

4. If the student is not satisfied with the decision of the school dean, he or she may request that the matter be reviewed by the appropriate Vice President (VP). To accomplish this, the student must inform the dean (in person or via e-mail) within 10 business days of the dean's decision. If the student files the request outside this period, he or she forfeits any right to proceed. The dean will send the appeal file to the VP (or designee); thus, the student may not include additional information. The review will be limited to whether the student was treated fairly and that stated protocols were followed. The appeal will either be upheld or denied. If the appeal is upheld, conditions may be imposed. The student will be notified of the decision in writing within 10 business days. The decision is final and non-appealable.

At no point in the process is legal counsel or representation permitted.

Transfer Courses and Grades

Once the student has identified and enrolled at MVNU, all courses that the student plans to take elsewhere for transfer back to MVNU must be approved in writing prior to enrollment at the other institution. General education courses must be approved by the University Registrar. Courses in the major or minor must be approved by the applicable department chair or school dean. The chair or dean must communicate the approval in writing to the University Registrar.

Transfer credit from other regionally accredited institutions may be granted for courses that apply to MVNU academic programs. Credit from non-regionally accredited institutions is evaluated on a case-by-case basis and may be accepted only as prior learning general elective credit. Once enrolled at MVNU, transfer credit is granted for those approved courses for which a grade of C- or better is earned. **IMPORTANT:** Some majors require a higher minimum grade than C- for the course to complete a requirement, so while the course may transfer back to MVNU with the C- grade, it may not necessarily meet the minimum grade requirement for a particular program at MVNU. Contact the applicable department chair or school dean for detailed information on required minimum grades.

Grades from accepted courses will not be factored into the student's cumulative GPA at MVNU. However, students on academic probation status may petition the applicable school dean with oversight of the student's chosen major

program for a grade to be included in the student's computed GPA at MVNU. Approval must have been communicated in writing to the University Registrar by the school dean prior to enrollment at the other institution.

All transfer courses must be recorded on an official academic transcript and sent to the University Registrar after the final grade is posted in order for the course and grade to be posted on the student's MVNU academic record. Official academic transcripts may be sent electronically or in hard copy and must arrive directly from the other institution.

Academic Standing

Academic standing is determined after final grades are submitted at the end of the fall and spring semesters. In some instances, academic standing may be reviewed for work completed between traditional fall and spring terms.

To graduate from MVNU, students are required to have a minimum cumulative GPA of 2.00. Some programs require a higher minimum cumulative GPA.

Students are expected to be in Good Academic Standing, which is defined as maintaining a minimum cumulative GPA of 2.00. MVNU allows for gradual attainment of this GPA during the first three semesters of attendance, as specified in the table below.

Semester of Attendance at the University	Minimum Cumulative GPA Required
1	1.70
2	1.80
3	1.90
4 and beyond	2.00

In addition to being in Good Academic Standing, students must make Satisfactory Academic Progress (SAP), which is defined as a minimum semester 2.00 GPA.

Good Academic Standing and SAP occur when a student satisfies both of these conditions:

- the cumulative GPA meets the required minimum, as specified in the above table; and
- the semester GPA is at least 2.00.

Students who do not make SAP are subject to one of the following:

- Academic Warning

- Academic Probation
- Academic Dismissal

Academic Warning occurs when the semester GPA is below 2.00, but not low enough to warrant a move to academic probation or dismissal status. Students on Academic Warning maintain Good Academic Standing.

Academic Probation occurs in any of the following situations:

- The cumulative GPA is below the required minimum, as specified in the above table.
- A first-semester student's semester GPA is at least 1.00 but less than 1.70.
- The student's semester GPA is less than 2.00 in two consecutive semesters.
- The student was placed on Academic Dismissal, appealed, and was re-admitted.
- The student left MVNU on Academic Probation and re-enrolled at MVNU.
- The student left MVNU on Academic Dismissal and re-enrolled at MVNU.

Students on Academic Probation and students who have not met the minimum GPA in their declared major may petition to transfer in the credit and grade point via prior written approval by the school dean over the corresponding major. MVNU reserves the right to remove the grade points if the student changes the desired major. No retroactive grade points will be allowed.

A student will be removed from Academic Probation and restored to Good Academic Standing when the semester and cumulative GPA meet the required minimums.

Academic Dismissal occurs in any of the following situations:

- The student's semester GPA is below 1.00 in any semester.
- The student's semester GPA is below 2.00 in three consecutive semesters.
- The student was on Academic Probation and did not show SAP.

Initial dismissals are for one full semester (excluding summer terms). Subsequent dismissals are for one full academic year. Dismissals may be appealed. Information about the appeal process is included with the dismissal

letter. After the dismissal period is served, the student may apply for reinstatement. A completed Application for Readmission must reach the Admissions Office at least six weeks prior to the semester for which readmission is requested.

Note: A student who was placed on Academic Dismissal, appealed, and was re-admitted must remain on Academic Probation for one full semester (excluding summer term) after re-admittance. The student may return to Good Academic Standing after making Satisfactory Academic Progress (SAP) and meeting the minimum GPA requirements based on the number of terms attended as shown in the chart above.

First-time transfer students are subject to the following policies:

- Transfer students who are accepted to MVNU in Good Academic Standing are evaluated in accordance with the aforementioned Good Academic Standing and SAP requirements.
- Transfer students who are accepted to MVNU on Academic Probation will be evaluated at the end of their first semester as follows:
 1. If the semester GPA is at least 2.00, the student will be removed from Academic Probation status and be in Good Academic Standing.
 2. If the semester GPA is at least 1.70 but less than 2.00, the student will continue on Academic Probation for the next semester.
 3. If the semester GPA is less than 1.70, the student will be placed on Academic Dismissal status.

Academic Ineligibility

Students on academic probation or academic dismissal are ineligible:

- to participate in intercollegiate athletic practice or competition;
- to participate in University-sponsored music and ministry groups;
- to participate in selected activities that officially represent the University to the public, as determined by the Office of Academic Affairs;
- to hold any appointed or elected office within the Student Government Association or other University clubs or organizations.

Students under certain discipline contracts administered by the Office of Student Life may also be ineligible to participate in the above listed activities.

A list of candidates for leadership positions in all student organizations must be submitted to the University Registrar for an eligibility check one week prior to publishing or printing a ballot. A list of those students under consideration for groups that officially represent the University must be presented to the University Registrar's office for an eligibility check prior to consideration for selection or payment of required deposits for group participation. Students receiving academic probation or dismissal during a semester of service must relinquish student leadership or church relations ministry group positions immediately upon notification of academic probation or dismissal. The continued involvement of students chosen for activities officially representing the University, who receive notification of academic probation after paying required deposits, but prior to actual participation, will be judged on a case-by-case basis by the Office of Academic Affairs; those receiving academic dismissal will become ineligible for participation. Students who have been dismissed, appealed, and accepted for re-admittance must serve one traditional fall or spring term on academic probation, and make Satisfactory Academic Progress (SAP) before becoming eligible for participation.

Dean's List

Full-time (12 or more credit hours) traditional undergraduate students who achieve a 3.50 or better semester GPA, with no final grade in that semester below a B-, are included on the Dean's List, which is published semi-annually, following each of the fall and spring semesters.

Classification of Students

Students are classified on the basis of records in the University Registrar's Office. Student classifications are normally updated after the spring semester grades are recorded.

Freshman: Completion of fewer than 26 semester hours. (university-level courses taken before graduating from high school are added to a student's academic record during their first semester at the University).

Sophomore: Completion of 26 semester hours.

Junior: Completion of 56 semester hours.

Senior: Completion of 90 semester hours. (Note: A student may participate in senior activities only once.)

Special Students may be admitted to take any course(s) from which they may benefit and for which they have satisfactory preparation. A maximum of 30 semester hours may be earned in this classification.

Guest Students may enroll after completing the Guest Student Application and submitting a letter of good standing from the University in which the student is regularly admitted as a degree candidate.

Internships

Internships provide the student with a practical experience in a professional setting representing the student's field of study. Students may participate in internship programs through the Career Development office or through their academic department. Career Development oversees non-credit-bearing internships (those not eligible for course credit). To participate in non-credit-bearing internships, students must meet minimum requirements and seek opportunities with support from Career Development. More information is available from the Career Development office.

Credit-bearing internships require enrollment in a concurrent course. Forty (40) contact hours are expected for each semester credit hour granted. Admission into an internship program is subject to the approval of the department in which the internship will be completed. Interested students should contact the department chair of their major discipline for information. Applications are available at the University Registrar's Office and from the chair of the department. To receive credit for an internship, a student must apply, be approved, and register before the work begins. The approved University application is due in the registrar's office 15 days before the beginning of the term in which the internship will take place. Students should contact the appropriate department chair for specific information. Placement is overseen by the supervising faculty member in the department in which the internship will be completed. Students will not initiate their own internship placements unless directed to do so by the department. Retroactive credit will not be granted.

Honors Program

Program Director, W Brett Wiley, PhD

Required Courses

HUM-1012G Discipleship of the Christian Mind	2
HON-1003G Core Conversations I	3

HON-1013G Core Conversations II	3
HON-1021/2021 Honors Seminar*	6
HON-3091 Honors Project Preparation	1
HON-4099 Honors Project	1-3
Total	16-18 Hours

The MVNU Honors Program is not about having gifted students simply do more work; instead, the program exists to enrich the academic and cultural experience for gifted students by offering unique and challenging courses, special extracurricular opportunities, and a supportive environment in which students can excel. Honors courses feature smaller class sizes, emphasize seminar/discussion formats, and move at a pace appropriate to gifted students.

The Honors curriculum begins the first semester on campus with an Honors version of the University's introductory course, HUM-1012G Discipleship of the Christian Mind. This course will incorporate a Summer Reading Program (SRP) that asks students to complete a reading and essay prior to arriving on campus for their first semester. From there, honors scholars complete two interdisciplinary courses, HON-1003G and HON-1013G, Core Conversations I and II, respectively. As the title suggests, this sequence of courses invites students to dialogue with each other, with their professors, and above all with some of the seminal thinkers in the western tradition. The conversation focuses on the perennial human concerns, the nature and purpose of humanity, the interplay of faith and reason, the quest for justice and the need for mercy, the balance between individual liberty and the well-being of society, and so forth. Core Conversations reminds students that our most basic questions have a history and invites them to explore answers already posed. At the same time, the course fine-tunes their skills in reading, writing, and analysis.

Core Conversations and General Education requirements: Students completing Core Conversations I satisfy the General Education requirement for "Explorations in Literature." Students completing Core Conversations II satisfy the General Education requirement for "Communication Arts". Thus, students completing the six-hour sequence will receive six hours of credit within the General Education program.

As an ideal complement to Core Conversations, students enroll in an Honors Seminar during six semesters; two seminars are offered each semester, but students typically take one course per semester. These courses explore contemporary issues and questions from multiple

perspectives and involve guest lecturers from MVNU and other area universities, field trips, experiential learning opportunities, and even travel-study options. While Core Conversations introduces students to a rich, textured background, Honors Seminars examine problems as they confront us in the particularity of our current situation, inviting a more nuanced approach to the complexity that is present in the world.

In their junior year, students begin the Honors Project, which is a self-designed and self-initiated research project specific to each student's major. One member of the faculty serves as a mentor, teaching students how to conduct research and directing them through the project. Once completed and approved, honors scholars present their findings to students and faculty at sURC, the University's annual symposium for undergraduate research and creative work. The honors project often serves as a critical link between undergraduate and graduate education. It is an ideal preparation for "the next step" that honors scholars frequently aspire to take. Completion of the required hours of Honors Seminar, Honors Project Preparation, and Honors Project satisfies the requirement for ITD-5013G, Contemporary Concerns, in the General Education Common Core.

Students graduate with University Honors when these requirements are met.

- 2 hours of Discipleship of the Christian Mind
- 6 hours of Core Conversations
- 6 hours of Honors Seminar
- 1 hour of Honors Project Preparation
- 1-3 hour(s) of Honors Research
- A successfully completed Honors Project (including presentation)

The admission criteria for freshmen include (students are admitted to the program only as incoming freshmen):

- ACT composite score of 26 or above or SAT combined score of 1240 or above;
- high school cumulative GPA of 3.50 or above (on a 4.00 scale).

Transfer students who have participated in an Honors Program at their previous institution may be admitted to Honors at MVNU on a case-by-case basis.

To continue as an honors scholar, the student must maintain at least at a 3.50 cumulative GPA on all college work.

Additional questions about the honors program should be directed to the Director of the Honors Program.

Students not in the honors program may graduate with Departmental Honors by taking a maximum of four hours of honors project and successfully completing a research project according to departmental specifications.

Opportunities for Academically Advanced Students

Students with advanced academic ability or an exemplary academic record may qualify for the opportunities listed below. Students should note that a maximum of 30 semester hours of credit-by-examination may be recorded at the University.

College Level Examination Program

The University endorses the College Level Examination Program (CLEP). When the scores are received by the University Registrar, the scores are analyzed, and the student is informed of the credits earned. Additional information can be secured from the student's high school counselor, the MVNU Test Center Coordinator, or the University Registrar.

Advanced Placement

Students who have participated in the Advanced Placement (AP) Program, sponsored by the College Entrance Examination Board (CEEB) while in high school, may receive college credit if they receive scores of 3, 4, or 5 (depends on exam). MVNU's College Entrance Examination Board (CEEB) code number is 1531.

Scores required for credit earned through CLEP and AP are listed in the Admissions section of the *Catalog*. The use of CLEP or AP examinations to meet departmental requirements (e.g., major or minor) are subject to the department chair's written approval through a memorandum to the University Registrar.

International Baccalaureate

The University also accepts International Baccalaureate (IB) higher level (HL) examinations for credit on a case-by-case basis. Contact the University Registrar for information on required scores.

Independent Study

Projects in areas not covered by the University's curriculum may be designed and conducted. The projects, whether conducted on or off campus, must be of an educational nature and of sufficient content to warrant credit. Each independent study proposal is developed by the student and a supervising faculty member. The independent study application is available from the University Registrar or the school dean. Approval of the completed application and learning plan developed in cooperation with the supervising faculty member must be secured from the supervising faculty member, student's advisor, department chair, and school dean prior to registration.

The applicant must have junior or senior standing.

A special fee of \$50 per semester hour credit beyond tuition is assessed for an independent study.

Directed Study

Because of course scheduling difficulties, the student may request that a designated course be taken as a directed study. The directed study application is available from the University Registrar or the school dean. Approval of the completed application and learning plan developed in cooperation with the supervising faculty member must be secured from the supervising faculty member, student's advisor, department chair, and school dean prior to registration.

The applicant must have sophomore standing or above.

If the directed study is necessitated by student choice or request, a special fee of \$50 per semester hour credit beyond tuition is assessed. If the directed study is necessitated by University action, the fee will be waived.

Off-Campus Study Opportunities

Note: Coordinating office is Academic Affairs

Students can apply to participate in a number of off-campus study (OCS) opportunities and earn academic credit. To participate, students must complete an application process, pay a non-refundable application fee and be approved for OCS. OCS programs outside of MVNU will require a separate application and approval process. More information is available on the portal: <http://my.mvnu.edu>.

The deadline for applying for OCS is April 1 for the following Fall semester and October 1 for the following Spring semester.

Students should contact the Student Financial Services Office for cost information as tuition, room, board, fees and travel costs vary with each program. Students should also consult with the Student Financial Services Office as some financial aid is limited for OCS and there are outside awards available for which students may wish to apply <http://www.gotomvnu.com/preparing/private.asp>.

Students interested in participating in an OCS program must make application by the specified deadline (the application form can be located on the student portal). A non-refundable fee must accompany the application. Upon timely receipt of the application and its associated references, MVNU will determine the appropriateness of the experience for the student, considering factors such as (but not limited to) GPA, behavioral experience, and major requirements. MVNU is the final authority as to whether a student will be allowed to participate in an OCS experience; hence, there is no path for appeal.

Nazarene Cross Registration Program

Students may apply to the colleges and universities of the Church of the Nazarene to spend one semester studying away from the MVNU campus. The host school must be a participating member of the Nazarene Consortium, and students must apply to and be accepted by the host school. Contact the office of Academic Affairs for a list of the participating schools.

MVNU Accredited Programs

Costa Rica Program

(Available when enrollment is sufficient for the program.)

Students majoring in Spanish can earn 16 hours of credit while spending a semester at the Instituto de la Lengua Española (ILE) in San Jose, Costa Rica. ILE is located in San Francisco de Dos Rios, a middle class residential area on the southeast edge of the capital city of San Jose, Costa Rica. ILE is dedicated to equipping the missionary forces of the evangelical church to serve the Spanish-speaking world. The Institute operates year round and is open to Christian missionaries, pastors, college students, teachers and others. Admission to this program requires application and approval.

Urban Ministry Semester

Students spend fall semester in an immersion experience in Columbus, Ohio. This program works closely with the Lower Lights Compassionate ministry programs and Church of the Nazarene. Students will be housed near Lower Lights and will be able to take specific courses in Urban Ministry which meet requirements for their MVNU

Urban Ministry major. They will also have the opportunity to intern in the various church and compassionate ministries of Lower Lights.

MVNU Affiliated Programs

Brazil Program

(Available when enrollment is sufficient for the program.)

Intercultural studies students are encouraged to participate in a semester abroad program, preferably this semester in Campinas, Brazil designed so that intercultural studies majors can experience a true language and cultural immersion, do an Intercultural Practicum, and engage in other significant cultural learning opportunities. Students may also obtain an ICS minor by participating in this program and taking three courses on the main campus.

Council of Christian Colleges and Universities (CCCU)

MVNU is a member of the Council of Christian Colleges and Universities. Students from CCCU member schools can apply to participate in special CCCU study programs. Additional information can be found at the CCCU website: <http://www.cccu.org> or <http://www.bestsemester.com>.

- American Studies Program in Washington, DC studying and interning in public policy administration and its relationship to federal government programs.
- Australia Studies Centre for Ministry and the Arts, at the Wesley Institute in Sydney, Australia. In addition to integrative courses, students may select from drama, drawing/graphic design, music, ministry and theology.
- Contemporary Music Center is a program that is centered in Nashville, TN. Students work with faculty, musicians, and organizations in the making and marketing of contemporary music.
- Latin American Studies Program in San Jose, Costa Rica focuses on the historical, language-oriented, literary, political, economic, religious, cultural, and ecological aspects of Latin America.
- Los Angeles Film Studies Center enables students to study the film industry to develop professional skills and Christian integrity for the film medium.
- Middle East Studies Program, based in Cairo, Egypt, focuses on the complex history, religions, peoples, and cultures of the Middle East.

- Northern Ireland Studies allows students a remarkable opportunity to visit important cultural and historical landmarks. Students will also explore the deep impact of religious and political conflict that has played an important role in Northern Ireland's history.
- Oxford Summer Programme is similar to the Scholar's Semester in Oxford but takes place in the summer term.
- Scholar's Semester in Oxford is designed for scholarly students interested in art history, classics, English language & literature, history, musicology, theology, modern language, social sciences or philosophy.
- Uganda Studies Program offers an invaluable opportunity for studies in and about east Africa. Students choose from a variety of areas of study including ministry and missions.

Focus Leadership Institute (FLI)

Launched in 1995 by Focus on the Family, the FLI is located in beautiful Colorado Springs. The FLI is a semester-away study program (fall, spring, or summer) that includes scholarship, leadership training, high-level internships, and adventure for college students and recent graduates. To learn more visit www.focusleadership.org.

Kenyon College (KC)

MVNU participates in a cooperative program with KC. Contact the University Registrar for additional information. This program is available only for special circumstances.

Nazarene International Language Institute (NILI)

Spanish majors can earn 15-18 hours of credit while spending a semester at NILI in Quito, Ecuador. Additional information can be found at <http://www.snu.edu/nazarene-international-language-institute>.

Nazarene Theological College - Manchester, UK (NTCM)

Best suited for Religion and Philosophy majors. Students may spend a semester at NTCM in Manchester, UK. Contact your advisor or visit <http://nazarene.ac.uk> for more information.

Romanian Study Program

Students may spend a semester, the January term, or summer term at Veritas, a compassionate ministries

program, in Sighisoara, Romania. Information about the program can be found at <http://www.veritas.ro>.

Other Programs

Some departments engage an outside agency to assist with student placement in a particular program. MVNU has engaged CTECC to place students in overseas student teaching opportunities. After CTECC has secured a placement, the student is responsible for securing all travel arrangements to and from the overseas site, including plane tickets. Students will be provided with contact information when they receive their placement confirmation. Students are responsible for communicating with the principal and/or cooperating teacher and for gathering housing information or information about host families.

Important Note

Programs not listed above have not been formally approved; hence, students may not register for them. Official approval must be obtained by the trip organizer (usually a faculty member or student's advisor) before student may be enlisted.

Final Examinations

Final exam periods are scheduled by the Academic Affairs Office. Students are responsible for ensuring that personal matters (e.g., travel, work, weddings) accommodate the final exam schedule and for informing parents of final exam schedules.

Students who are scheduled for more than two (2) final exams on the same day may request to have the excess over two (2) rescheduled. Forms are available on the Student Portal. Here is the process that must be followed:

1. The student will discuss the matter with the instructor who is administering the final exam that the student wishes to reschedule.
2. After the student and instructor agree on the rescheduled date, the student will obtain the instructor's signature.
3. The student will submit the form to the Academic Affairs Office no later than noon Monday the week prior to the final exam.
4. The Academic Affairs Office will verify the information on the form.
5. The rescheduled date will stand, unless the Academic Affairs Office lets the student and instructor know otherwise.

Note: Courses that meet the first half of the semester will have final exams on the last day of the course. Courses that meet the second half of the semester will have final exams in accordance with the final exam schedule. Final examinations in Summer Learn are scheduled for the last day of class.

Academic Policy Decision Appeals

A student who wishes to appeal an academic policy decision (including one believed to be discriminatory based on race, national origin, color, sex, disability, or age), must abide by the procedures that follow. Legal counsel or representation is not permitted.

Informal Resolution

- When a student has a question about an academic policy decision, he or she must first contact the person who made the decision for an explanation of the policy and how it was followed. This contact must be made within 10 business days of the decision. If the policy has been followed, the student has no further recourse.
- If the policy was not followed or the student disputes the way in which the policy was applied, he or she may request that the matter be reviewed by the department chair. This request must be made within 10 business days of the aforementioned meeting. The chair will notify the student of his or her decision in writing (e-mail is sufficient) within 10 business days.

Formal Resolution (continuation of above)

- If the student is not satisfied with the decision of the department chair, he or she may request that the matter be reviewed by the school dean. To accomplish this, the student must file the Appeal form (available on the Portal (portal.mvnu.edu)) with the dean within 10 business days of the decision. The dean reserves the right to question any individual and/or obtain additional information from any other source. If the student files the request outside the 10-day period, he or she forfeits any further right to appeal. The dean's review is limited to whether the policy was applied properly. The dean will either uphold the appeal or deny the appeal. The dean will notify the student of the decision in writing within 10 business days of receipt of the appeal.
- If the student is not satisfied with the decision of the school dean, he or she may request that the matter be reviewed by the Vice President for Academic

Affairs (VPAA). To accomplish this, the student must inform the dean (in person or via e-mail) within 10 business days of the dean's decision. If the student files the request outside this period, he or she forfeits any further right to appeal. The dean will send the appeal file to the VPAA; thus, the student may not include additional information with the appeal to the VPAA. The VPAA's review is limited to whether the policy was applied properly. The VPAA will either uphold the appeal or deny the appeal. The VPAA will notify the student of the decision in writing within 10 business days. The decision is final and cannot be appealed.

Withdrawals in Traditional Program

Withdrawal from a Course

When a student chooses to withdraw from an individual course at the University after the first day of classes during a semester, the process must be initiated by the student by obtaining a Class Schedule Change Form (also known as a drop/add form) from the University Registrar's office.

- A student may withdraw from a course without a grade of W until the close of the 10th class day of the semester.
- Beginning with the 11th class day of a semester, students will receive a grade of W when withdrawing from a course through the last date to drop a course designated on the University calendar.
- A grade of WF (withdraw failing) or WP (withdraw passing) is assigned to a course when a student withdraws from a course due to an extenuating circumstance after the designated last date to withdraw. This action requires approval of the Academic Affairs office. Failing a course is not considered an extenuating circumstance.
- Students who cease attending a course after the designated last day to withdraw, without approved extenuating circumstances, will be assigned the failing grade of "F" in that course for the semester.
- The permanent grade of "F" is assigned to courses when a student does not complete a course and the Class Schedule Change Form is not filed.
- The official withdrawal date from a course is the last date of attendance in that course. The last date of class attendance must be verified by the course instructor before the course can be removed from the student's schedule.

The Class Schedule Change Form must be completed for any registration change that occurs subsequent to the beginning of a semester. The tuition refund policy for changes in enrollment is in effect. Students may drop or add courses from their registration prior to the beginning of a semester without a Class Schedule Change Form by contacting their academic advisor or the University's Registrar's Office. Students should seek approval of the advisor prior to any registration changes.

Withdrawal from Summer Terms

When a student chooses to withdraw from a course at the University after the first day of classes during a summer term, the process must be initiated by contacting the University Registrar.

- A student may withdraw from a summer course without penalty and receive a full tuition refund (minus any credit card processing fees) through the third class/business day. After the third day, a permanent grade of W is assigned.
- Students who cease attending a course after the last date to drop without approved extenuating circumstances will be assigned the failing grade of "F" in that course for the term.
- The permanent grade of "F" is assigned to courses when a student does not complete a course.

Withdrawal from the University

When a student chooses to withdraw from all courses at the University during fall or spring semester, the withdrawal process must be initiated by the student's contacting the University Registrar's office.

- The student must first meet with the University Registrar to discuss the implications of withdrawal. The withdrawal form will be generated electronically, and notification will be sent to several campus offices.
- The University Registrar's office will notify instructors of the date of withdrawal and verify the last date attended for each class. The withdrawal refund policy applies and courses scheduled in any subsequent semesters or terms will be dropped from the student's registration record.
- A grade of W is assigned to all courses when the student withdraws from the University after the 10th class day of a semester (i.e., after last day to drop a course without a W grade) as designated on the University calendar. If applicable, the student will be

billed for housing and meals through the last date of attendance. A grade of WF or WP is assigned to courses when the student withdraws after the last day to withdraw from a course as designated on the University calendar, based on extenuating circumstances and with approval of the Academic Affairs office. Failing courses is not considered an extenuating circumstance. Students who cease attending the University without approved extenuating circumstances after the designated last day to drop courses will be assigned the failing grade of "F" in all course(s) for the semester.

- The permanent grade of "F" is assigned to courses when the published withdrawal procedure is not followed and applicable deposits are forfeited.
- Students who withdraw from the University during a regular semester must apply and be accepted for readmission to the University prior to any subsequent semester they wish to attend.
- Students who decide during the summer not to return to the University should contact the University Registrar's office as necessary to remove course schedules for the following year and the Director of Residence Life to release any housing assignment on campus (if applicable). The Director of Student Success should also be notified to make any arrangements needed. If plans change, the Director of Student Success can also initiate reinstatement processes without an application for readmission; students need to reapply only when a regular semester is interrupted or missed due to withdrawal.

Medical and Wellness Withdrawal Policy

A student who experiences extreme emotional disturbances or medical problems may be asked to withdraw from the University as determined by the Vice President for Student Life in consultation with Student Life personnel. For the complete policy, see pp. 15-16, *Student Handbook 2019-2020*.

Readmission guidelines can be found in the Admission section (p. 17) of this *Catalog*.

Academic Variances

Students may request variances from MVNU *Catalog* degree requirements, including, but not limited to, the following:

- General education, major, or minor requirements

- Course substitutions for graduation requirements
- Approval of minors not offered by MVNU
- Relief from the 39 upper division hours requirement or the residency hour requirement
- Repeating a course that was previously passed with the minimum grade required

The student must first discuss the matter with the University Registrar. The Registrar may request that the student submit a written appeal. The appeal will be e-mailed to the Registrar as follows: include the title "Academic Variance," briefly describe the variance requested, and include supporting documentation.

The Registrar may, but is not required to, consult with other individuals, including other faculty or academic administrators. Within a reasonable time after the appeal is received, the Registrar will notify the student in person or via e-mail. The Registrar's decision is final.

Commencement

The University awards degrees during its annual commencement ceremony held each spring. Commencement materials and student participation are governed by the following policies:

All degree requirements must be completed before a student is awarded a degree from Mount Vernon Nazarene University. Students are encouraged to attend a commencement ceremony to celebrate the accomplishment. The responsibility of tracking and completing all requirements rests primarily on the student.

Traditional Undergraduate Program

Traditional students who will complete all degree requirements in the spring semester are eligible and encouraged to participate in the commencement ceremony. If approved by the Office of the University Registrar, traditional undergraduate students who will complete all degree requirements by December 31 are eligible to participate in the prior spring commencement ceremony. Students utilizing this exception must present in writing a reasonable plan for completing all requirements at least six weeks prior to the spring commencement ceremony date and must be within 15 credit hours of completing all course requirements. The University Registrar has the right to deny inclusion.

Graduate and Professional Studies (GPS) Programs

GPS students who will complete all degree requirements in the spring semester are eligible and encouraged to participate in the commencement ceremony. If approved by the Office of the University Registrar, GPS students who will complete all degree requirements by December 31 are eligible to participate in the prior spring commencement ceremony. Students utilizing this exception must present in writing a reasonable plan for completing all requirements at least six weeks prior to the spring commencement ceremony date and must be within 15 credit hours of completing all course requirements. The University Registrar has the right to deny inclusion.

Policies Applicable to All Graduating Students

1. All graduating students, whether participating in the ceremony or not, must complete the Intent to Graduate Form.
2. The spring commencement program, including the list of degree candidates and graduation honors, is based upon the applicable date six weeks prior to the commencement ceremony.
3. The commencement program is tentative, pending completing of required work and submission of final grades.
4. The commencement program lists all degree candidates for the respective period.
5. Students may participate in commencement only one time per degree earned.
6. Students who decorate their regalia in a manner that is deemed to be inappropriate or distracting by University administration may be asked to replace their mortarboard and/or gown with one provided by the University.
7. Printed graduation honors for students graduating from traditional undergraduate programs are calculated using the students' grade point average from the immediate previous term.
8. Printed graduation honors for GPS undergraduate degree programs are calculated approximately six weeks prior to the commencement ceremony date.
9. Actual graduation honors for all undergraduate students are indicated on the final transcript

reflecting final grades earned. Academic honors do not apply to graduate program students.

10. Diploma covers are distributed during the commencement ceremony. Diplomas are mailed when degree requirements are completed, when grades have been received, and when all account balances with the University have been paid. For students who have a Federal Perkins loan, exit counseling must be completed to receive a diploma.
11. Permanent address changes must be made prior to leaving MVNU so that the diploma is sent to the correct address.
12. Replacement diplomas cost \$30. Visit the following link for information:
<http://www.mvnu.edu/undergraduate/academics/registrar>.

Degree Conferral

Although the University awards degrees during its annual commencement ceremonies each spring, the University may also confer degrees to students on a monthly basis in order to facilitate the student's ability to enter the job market with his or her degree in a timely fashion after completing degree requirements. If the student desires to participate in the annual commencement ceremony, the student is responsible to contact the University Registrar's office by March 1 for inclusion in the spring commencement ceremony.

All students desiring to have a degree conferral date other than the annual commencement date will need to submit the Intent to Graduate Form to the University Registrar's office. Standard approval is 7-10 business days prior to the conferral date, so requests must be submitted in a timely manner.

Academic Honors for Undergraduate Students

All undergraduate students must complete a minimum of 33 letter graded hours in residence at MVNU to qualify for Academic Honors.

Summa cum Laude: Graduation with highest honors requires a cumulative GPA of 3.90 on course work taken at the University.

Magna cum Laude: Graduation with high honors requires a cumulative GPA of 3.70 on course work taken at the University.

Cum Laude: Graduation with honors requires a cumulative GPA of 3.50 on course work taken at the University.

Alpha Chi: In the junior and senior years, students who have maintained a cumulative GPA of 3.85 may be tapped by the faculty for membership in this nationally recognized honor society. Alpha Chi is committed to promoting excellence at the undergraduate level and professional life.

Phi Delta Lambda: In the latter part of the senior year, students may be elected by the faculty for membership in the Kappa chapter of the International Nazarene Honor Society, Phi Delta Lambda, sponsored by the Church of the

Nazarene. Each year the faculty may elect up to 15% of the baccalaureate degree class into membership.

Academic Transcripts

Academic transcripts are issued only upon signed requests by the student. This may occur in paper or electronic form. Official transcripts cannot be released until financial obligations to the University are met and institutional loans are paid current. Requests for transcripts must be submitted to the University Registrar's office. A transcript may be requested at the link on the MVNU website: <http://mvnu.edu/undergraduate/academics/registrar>.

Curriculum and Degree Requirements (Traditional)

University Majors

MVNU organizes its curriculum into schools and departments. Each school is supervised by a dean, and each department has a department chair. Some programs also have a coordinator position. The Vice President for Academic Affairs and Chief Academic Officer oversees the entire curriculum and academic program. This structure is for organizational purposes rather than for compartmentalizing subject matter. As a liberal arts university, MVNU learning objectives include cooperation and correlation across disciplinary lines to achieve a unity of knowledge.

The University offers the following programs of study:

**Indicates that the major or concentration is part of a teach-out program and cannot be declared under the 2019-2020 Catalog.*

Undergraduate Major	Concentration	Degree Type	School
Accounting		Bachelor of Science	Jetter School of Professional Studies
Art		Bachelor of Arts	Arts and Humanities
Biology	General	Bachelor of Science	Natural and Social Sciences
	Environmental		
	Graduate School/Industry		
	Pre-Dentistry		
	Pre-Medical		
	Pre-Occupational Therapy		
	Pre-Optometry		
	Pre-Pharmacy		
	Pre-Physical Therapy		
	Pre-Physician Assistant		
	Pre-Veterinary Medicine		
Business Administration		Bachelor of Arts	Jetter School of Professional Studies
Chemistry	Biochemistry/Molecular Biology/Pre-Medical	Bachelor of Science	Natural and Social Sciences
	Forensic Science		
	Graduate School/Industry		
Christian Ministry	General	Bachelor of Arts	Christian Ministry
	Community Development		

	Intercultural Studies		
	Pastoral Ministry		
	Urban Ministry		
	Youth and Family		
Communication Sciences and Disorders		Bachelor of Science	Nursing and Health Sciences
Communication and Media	Digital Media	Bachelor of Arts	Arts and Humanities
	Strategic Communication		
Computer Science		Bachelor of Arts	Natural and Social Sciences
Computer Science		Bachelor of Science	Natural and Social Sciences
Computer Systems and Network Engineering		Bachelor of Science	Natural and Social Sciences
Criminal Justice		Bachelor of Arts	Natural and Social Sciences
Early Childhood Education*		Bachelor of Arts	Jetter School of Professional Studies
Educational Studies		Bachelor of Arts	Jetter School of Professional Studies
Elementary Education/Intervention Specialist (P-5)		Bachelor of Arts	Jetter School of Professional Studies
Engineering	Electrical	Bachelor of Science	Natural and Social Sciences
	Mechanical		
English		Bachelor of Arts	Arts and Humanities
Exercise Science	Human Performance	Bachelor of Science	Jetter School of Professional Studies
	Pre-Professional		
Finance		Bachelor of Science	Jetter School of Professional Studies
Graphic Design	Communication	Bachelor of Arts	Arts and Humanities
	Visual Arts		
Health Sciences		Bachelor of Science	Nursing and Health Sciences
History	General	Bachelor of Arts	Arts and Humanities
	American Studies		
	British Studies		

	Middle East Studies		
Integrated Language Arts Education		Bachelor of Arts	Arts and Humanities
Integrated Mathematics Education		Bachelor of Science	Natural and Social Sciences
Integrated Social Studies Education		Bachelor of Arts	Arts and Humanities
Intercultural Studies	General	Bachelor of Arts	Christian Ministry
	Biblical and Theological Teaching		
	Business Administration		
	Church Ordination		
	Communication Studies		
	Political Science		
	TESOL - Modern Language		
Intervention Specialist*	Mild/Moderate Early Childhood	Bachelor of Arts	Jetter School of Professional Studies
	Mild/Moderate Middle Childhood		
	Highly Qualified Reading/Language Arts and Mathematics		
	Highly Qualified Reading/Language Arts and Science		
	Highly Qualified Reading/Language Arts and Social Studies		
Life Science Education*		Bachelor of Science	Natural and Social Sciences
Management		Bachelor of Science	Jetter School of Professional Studies
Marketing		Bachelor of Science	Jetter School of Professional Studies
Mathematics		Bachelor of Arts	Natural and Social Sciences
Mathematics		Bachelor of Science	Natural and Social Sciences
Middle Childhood Education		Bachelor of Arts	Jetter School of Professional Studies
Music	General	Bachelor of Arts	Arts and Humanities
	Music and Worship		
	Performance		

Music Education		Bachelor of Arts	Arts and Humanities
Nursing		Bachelor of Science in Nursing	Nursing and Health Sciences
Philosophy*	Pre-Law	Bachelor of Arts	Christian Ministry
	Standard		
Physical Education/Health Education		Bachelor of Arts	Jetter School of Professional Studies
Physical Science Education*		Bachelor of Science	Natural and Social Sciences
Political Science*		Bachelor of Arts	Arts and Humanities
Psychology		Bachelor of Arts	Natural and Social Sciences
Religion	Bible and Theology	Bachelor of Arts	Christian Ministry
	Bible and Archaeology		
Social Work		Bachelor of Social Work	Jetter School of Professional Studies
Spanish*		Bachelor of Arts	Arts and Humanities
Spanish Education*		Bachelor of Arts	Arts and Humanities
Sports Management		Bachelor of Arts	Jetter School of Professional Studies
Theatre*		Bachelor of Arts	Arts and Humanities
Visual Arts Education		Bachelor of Arts	Arts and Humanities

University Minors

The University offers the following minors:

**Indicates that the minor is part of a teach-out program and cannot be declared under the 2019-2020 Catalog.*

Undergraduate Minor	School
Accounting	Jetter School of Professional Studies
Art History	Arts and Humanities
Biblical and Archaeology	Christian Ministry
Biology	Natural and Social Sciences
British Studies	Arts and Humanities
Business	Jetter School of Professional Studies
Business Technology	Jetter School of Professional Studies
Chemistry	Natural and Social Sciences
Children's Ministry	Christian Ministry
Christian Apologetics	Christian Ministry
Christian Ministry	Christian Ministry
Commercial Performing Artist	Arts and Humanities
Communication Sciences and Disorders	Nursing and Health Sciences
Computer Science	Natural and Social Sciences
Creative Writing	Arts and Humanities
Criminal Justice	Natural and Social Sciences
Digital Media Production	Arts and Humanities
Engineering	Natural and Social Sciences
English	Arts and Humanities
Environmental Biology	Natural and Social Sciences
Exercise Studies	Jetter School of Professional Studies
Film Studies	Arts and Humanities
Finance	Jetter School of Professional Studies
Financial Planning	Jetter School of Professional Studies
Fine Arts	Arts and Humanities
Forensic Accounting	Jetter School of Professional Studies
Graphic Design	Arts and Humanities

History	Arts and Humanities
Intercultural Studies	Christian Ministry
Intercultural Studies (semester abroad option)	Christian Ministry
International Business	Jetter School of Professional Studies
Management	Jetter School of Professional Studies
Marketing	Jetter School of Professional Studies
Mathematics	Natural and Social Sciences
Middle East Studies	Arts and Humanities
Music	Arts and Humanities
Music Business	Jetter School of Professional Studies
Music Production	Arts and Humanities
Nonprofit Management	Jetter School of Professional Studies
Philosophy*	Christian Ministry
Physical Science	Natural and Social Sciences
Political Science*	Arts and Humanities
Pre-Law Philosophy*	Christian Ministry
Psychology	Natural and Social Sciences
Public Policy	Arts and Humanities
Social Work	Jetter School of Professional Studies
Spanish for Educators*	Arts and Humanities
Spanish Language and Culture	Arts and Humanities
Sports Management	Jetter School of Professional Studies
Sports Media	Arts and Humanities
Strategic Communication	Arts and Humanities
Theatre*	Arts and Humanities
Worship Music	Arts and Humanities
Youth Ministry	Christian Ministry

Associate Degree Programs

The University offers the following associate degrees:

Associate Degree Programs	Degree Type	School
Business Administration	Associate of Applied Science	Jetter School of Professional Studies
Business Data Processing	Associate of Applied Science	Natural and Social Sciences
Fitness Management	Associate of Applied Science	Jetter School of Professional Studies
General Studies	Associate of Arts	
Music	Associate of Arts	Arts and Humanities

Courses of Instruction

All courses are given a unique identifying number of seven characters. The first three letters indicate the curriculum area. The last four digits number the course within the department. The first digit indicates the course level. The last digit indicates the credit hour value. Courses that are less than one semester credit end in 0. Courses that end in 9 carry variable credit; the amount of credit must be declared at registration. If any course does not meet the required minimum enrollment, it may be canceled.

The letter suffix G indicates the course may be used to satisfy a General Education Core requirement. For example, the course ENG-1063G, Introduction to Literature, is offered by the English Department. It is freshman level, carries three hours credit, and meets a general education requirement.

The letter prefix "a" indicates the course is offered on an "as needed" basis or alternate years. For example, consider aHIS-3023 Early National America: 1783-1850, is offered by the History and Political Science Department, is a junior level course worth three credit hours, and is taught on an "as needed" basis, which may be in alternate years or sometimes less.

Courses numbered 0000-0099 are not for degree credit. Courses numbered 1000-2999 are lower division courses; 1000 level courses are primarily for freshmen, while 2000

level courses are primarily for sophomores. Courses numbered 3000-5999 are upper division courses; 3000 level courses are primarily for juniors. Courses numbered 4000-5999 are primarily for seniors and may not be suitable for freshmen or sophomores. Courses numbered 6000 are open only to students admitted to the graduate program.

General Education Goals and Learning Indicators in the University Core

MVNU's philosophy of education is implemented through the following learning goals for students. While no single course fulfills every goal, the General Education curriculum found in the whole of the University Core fosters these seven goals. These goals are indicated by the students' abilities in the areas that follow each goal below:

Goal 1 - Integrative Thinking: Understand the interconnectedness of knowledge – across disciplines, in historical perspective, and between theory and practice – leading to a holistic vision of learning, life, and faith.

As indicated by students' ability to:

- 1.1 Synthesize knowledge from multiple disciplines in historical perspective.
- 1.2 Connect theory with practice.

Goal 2 - Critical Thinking: Develop and apply intellectual abilities and standards to make thought rational, truthful, and virtuous for the purpose of solving practical and theoretical problems.

As indicated by students' ability to:

- 2.1 Recognize and evaluate multiple frameworks and perspectives.
- 2.2 Derive appropriate, truthful inferences and conclusions from reliable premises to guide beliefs and actions.
- 2.3 Use suitable mathematical and/or logical reasoning to solve theoretical and practical problems.
- 2.4 Write cogent, persuasive arguments supported by relevant evidence.

Goal 3 - Aesthetic Development: Engage, interpret, and value artistic expression and creative processes in a way that is both thoughtful and informed, honoring the

importance of aesthetic values for meaningful life, culture, and faith.

As indicated by students' ability to:

- 3.1 Articulate the interactive influences between artistic expression and culture (e.g., commerce, media, history, politics).
- 3.2 Discern goodness, truth, and beauty within various artistic forms as reflections of God's creativity.

Goal 4 - Diversity: Understand, develop, and practice love for all persons in their diversities.

As indicated by students' ability to:

- 4.1 Develop factual knowledge of human diversities.
- 4.2 Demonstrate cultural humility.

Goal 5 - Christian Worldview: Develop a well-informed Christian view of reality.

As indicated by students' ability to:

- 5.1 Articulate a Christian worldview informed by a Wesleyan-Holiness theology.
- 5.2 Recognize the assumptions and relationships between worldview truth-claims and actions.

Goal 6 - Christian Ethical Development: Develop ethical thinking and knowledge essential for understanding contemporary ethical issues in central personal and communal spheres.

As indicated by students' ability to:

- 6.1 Identify and analyze central ethical issues that are essential for Christian formation.
- 6.2 Apply appropriate, interdisciplinary knowledge informed by a Wesleyan-Holiness theology to resolving central ethical issues.

Goal 7 - Community Engagement: Understand and practice social responsibilities of civic engagement, service to others, and stewardship of resources for individual persons, campus, church, city, state, nation, and international communities, including their maintenance, restoration, and improvement.

As indicated by students' ability to:

- 7.1 Demonstrate responsible citizenship in the Kingdom of God in the world.
- 7.2 Demonstrate stewardship of natural resources.

7.3 Recognize their responsibilities to use their gifts for service to God and others.

7.4 Demonstrate basic principles of good communication including sensitivity to context.

7.5 Demonstrate knowledge of how to engage in a healthy lifestyle as a contributor to personal stewardship and the common good.

Special Notes

- Students must complete the exact courses listed in General Education, major, and minor programs.
- Some majors require specific courses to satisfy the General Education Core. Students should consult the program listings in their department to check specific requirements.
- The University reserves the right to cancel any course in which fewer than eight students are enrolled. The University will assist students in registering for other courses.

Degree Requirements for Traditional Undergraduate Programs

Associate of Arts in General Studies (AA)

1. Complete the appropriate preparatory/intervention course sequence as designated below if conditionally accepted.
2. Complete 60 semester hours of approved course work numbered 1000 and above, including all of the courses in the Associates in Arts General Education Core.
3. Complete at least 30 semester hours in residence, of which at least half must be numbered 2000 or above ("in residence" means courses taken at MVNU, in seat or online, as well as via institutions with whom the University has agreements).
4. No more than 12 semester hours in courses numbered 3000 or above may be counted toward the 60 semester hours required for graduation.
5. Prior learning documentation from vendor courses (e.g., StraighterLine) is limited to fewer than 15 hours.
6. Earn a cumulative GPA of at least 2.00 in all work taken at MVNU.

7. Pay all expenses in the Student Financial Services Office.

Associate of Arts

Preparatory Courses

These are required only for certain students as noted.

(for students who score less than 17 on the ACT Mathematics sub-test.)

MAT-0083	Basic Algebra	3
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(for students who score 17 or 18 on the ACT Mathematics sub-test.)

MAT-0093	Algebra	3
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(for students whose high school GPA is below 2.50, or whose Composite ACT score is less than 19.)

HUM-1013G	Discipleship of the Christian Mind with Laboratory	3
CSS-1012	Advanced College Success Strategies	2

Acceptance into and successful completion of the summer bridge program, the Nease Institute with HUM-1012G, also meets the HUM-1013G requirement for conditionally admitted students.

General Education Core

Note: All courses taken for general education purposes will have the G suffix designation.

Competencies (6-7)

Writing Requirement (3-4)

ENG-1083G	College Writing	3
ENG-1084G	College Writing with Laboratory	4

Communication Arts (3-4)

Select One

COM-1013G	Interpersonal Communication	3
COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3
COM-2003G	Small Group Communication	3
COM-2053G	Media and Society	3
aCOM-3043G	Persuasion	3
DRA-2013G	Principles of Performance	3
MLA-1019G	Modern Language Studies	1-4
SPA-1013G	Elementary Spanish I	3
SPA-1023G	Elementary Spanish II	3
SPA-2003G	Intermediate Spanish I	3
SPA-2013G	Conversational Spanish	3

Common Core (14-15)

Gateway (2-3)

HUM-1012G	Discipleship of the Christian Mind	2
	OR	

HUM-1013G	Discipleship of the Christian Mind with Laboratory	3
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Foundations (10)

HIS-1013G	The Western Tradition in World Context	3
THE-3003G	Christian Beliefs & Convictions	3
	AND	
BIB-1014G	The Narrative of Scripture	4
	OR	
BIB-1003G	Old Testament History & Literature	3
	AND	
BIB-1013G	New Testament History & Literature	3

Students are required to take either BIB-1014 or both BIB-1003 and BIB-1013 unless otherwise noted.

Conversations (2-3)

Select One

HUM-2013G	Arts and The Human Identity	3
PHI-2013G	Love, Justice, and the Good Life	3
SCI-3012G	Science and the Modern Mind	2

Explorations (11-13)

Natural Science (4)

Select One

BIO-1014G	Principles of Biology with Laboratory	4
BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-1094G	Environmental Conservation and Sustainability	4
CHE-1034G	General Chemistry I with Laboratory	4
CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4
ESS-1034G	Earth Science with Laboratory	4
ESS-1044G	Astronomy with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4
PHY-2014G	General Physics I with Laboratory	4
PHY-2055G	University Physics I with Laboratory	5

Social Science (3)

Select One

aICS-2003G	Introduction to Cultural Anthropology	3
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POL-1003G	American Politics & Government	3
PSY-1013G	General Psychology	3
SOC-1013G	Introduction to Sociology	3
EDU-2023G	The Learner and the Learning Process	3
MAN-3083G	Organizational Behavior	3

EDU-2023: Education majors only

MAN-3083: Business majors only

The Arts (1-3)

Select One

APM-1001G	Piano Class I	1
APM-1021G	Private Keyboard	0.5-2
APM-1041G	Beginning Voice Class	1
APM-1071G	Private Instrument	0.5-2
APM-1091G	Guitar Class I	1
ART-1002G	Art in the Western World	2
ART-1013G/ GRD 1013G	Design Foundations	3
ART-1053G	Drawing I	3
ART-2063G	Painting I	3
ART-2083G	Ceramics I	3
ART-2093G	Darkroom Photography	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-3033G	Technical Theatre	3
CRW-2143G	Creative Writing	3
CRW-3082G	Practicum in Creative Writing: Literary Magazine	0-2
ENS-1001G	Music Stage Productions	0-1
ENS-1011G	Collegians Chorale	0-1
ENS-1020G	Goliards Chamber Ensemble	0-1
ENS-1021G	Treble Singers Women's Choir	0-1
ENS-1031G	Symphonic Wind Ensemble	0-1
ENS-1070G	Jazz Band	0-1
ENS-1080G	Pep Band	0-0.5
ENS-1090G	Chamber Winds Ensemble	0-0.5
ENS-2010G	Flute Choir	0-0.5
GRD-2093G	Digital Photography	3
MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3

Literature (3)

Select One

ENG-1063G	Introduction to Literature	3
ENG-2043G	Literary Landscapes	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3

ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3
SPA-3043G	Literature of the Spanish Language	3

Elective Courses

General Electives (23-29)

Total 60 Hours

Associate of Applied Science (AAS)

1. Complete the appropriate preparatory/intervention course sequence as designated below if conditionally accepted.
2. Complete 60 semester hours of approved course work numbered 1000 and above, including the Associate of Applied Science General Education Core.
3. Complete an approved major program.
4. Earn a cumulative GPA of at least 2.00 in all work taken at MVNU.
5. Within the major, earn no grade below "C-" (or higher, if the department requires a higher minimum grade) in all required courses, and in the minimum number of electives hours required. For most majors, earn a minimum GPA of 2.00 in the required courses for the major. Consult the major course listing in the appropriate department section of the *Catalog* for guidance on any variations.
6. Complete at least 30 semester hours in residence, of which at least half must be numbered 2000 or above ("in residence" means courses taken at MVNU, in seat or online, as well as via institutions with whom the University has agreements).
7. Prior learning documentation from vendor courses (e.g. StraighterLine) is limited to fewer than 15 hours.
8. Pay all expenses in the Student Financial Services Office.

Associate of Applied Science

Preparatory Courses

These are required only for certain students as noted.

(for students who score less than 17 on the ACT Mathematics sub-test.)

MAT-0083	Basic Algebra	3
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(for students who score 17 or 18 on the ACT Mathematics sub-test.)

MAT-0093	Algebra	3
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(for students whose high school GPA is below 2.50, or whose Composite ACT score is less than 19.)

HUM-1013G	Discipleship of the Christian Mind with Laboratory	3
CSS-1012	Advanced College Success Strategies	2

Acceptance into and successful completion of the summer bridge program, the Nease Institute with HUM-1012G, also meets the HUM-1013G requirement for conditionally admitted students.

General Education Core

Note: Some majors require specific courses to meet core requirements. Students should be sure to secure a major checklist from the assigned academic advisor or department in order to know which specific general education courses to take for the chosen major at MVNU. All courses taken for general education purposes must have the G suffix designation.

Required Courses (9-11)

Gateway (2-3)

HUM-1012G	Discipleship of the Christian Mind	2
	OR	
HUM-1013G	Discipleship of the Christian Mind with Laboratory	3

Writing Requirement (3-4)

ENG-1083G	College Writing	3
ENG-1084G	College Writing with Laboratory	4

Foundations (4-6)

Select from below

BIB-1014G	The Narrative of Scripture	4
	OR	
BIB-1003G	Old Testament History & Literature	3
	AND	
BIB-1013G	New Testament History & Literature	3

BIB-1003, BIB-1013: Required for School of Christian Ministry majors (excluding Philosophy majors). All students outside of the School of Christian Ministry have the option to take both BIB-1003 and BIB-1013 in place of BIB-1014, but are not required to do so.

Select courses from at least 6 of the following areas (18-20)

Credit must equal at least 18 hours.

Communication Arts (3-4)

COM-1013G	Interpersonal Communication	3
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COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3
COM-2003G	Small Group Communication	3
COM-2053G	Media and Society	3
aCOM-3043G	Persuasion	3
DRA-2013G	Principles of Performance	3
MLA-1019G	Modern Language Studies	1-4
SPA-1013G	Elementary Spanish I	3
SPA-1023G	Elementary Spanish II	3
SPA-2003G	Intermediate Spanish I	3
SPA-2013G	Conversational Spanish	3

Foundations (3)

HIS-1013G	The Western Tradition in World Context	3
THE-3003G	Christian Beliefs & Convictions	3

Conversations (2-3)

HUM-2013G	Arts and The Human Identity	3
PHI-2013G	Love, Justice, and the Good Life	3
SCI-3012G	Science and the Modern Mind	2

Explorations in Natural Science (4)

BIO-1014G	Principles of Biology with Laboratory	4
BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-1094G	Environmental Conservation and Sustainability	4
CHE-1034G	General Chemistry I with Laboratory	4
CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4
ESS-1034G	Earth Science with Laboratory	4
ESS-1044G	Astronomy with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4
PHY-2014G	General Physics I with Laboratory	4
PHY-2055G	University Physics I with Laboratory	5

Explorations in Social Science (3)

aICS-2003G	Introduction to Cultural Anthropology	3
POL-1003G	American Politics & Government	3
PSY-1013G	General Psychology	3
SOC-1013G	Introduction to Sociology	3
EDU-2023G	The Learner and the Learning Process	3
MAN-3083G	Organizational Behavior	3

EDU-2023: Education majors only

MAN-3083: Business majors only

Explorations in the Arts (1-3)

APM-1001G	Piano Class I	1
APM-1021G	Private Keyboard	0.5-2
APM-1041G	Beginning Voice Class	1
APM-1071G	Private Instrument	0.5-2
APM-1091G	Guitar Class I	1
ART-1002G	Art in the Western World	2
ART-1013G/ GRD 1013G	Design Foundations	3
ART-1053G	Drawing I	3
ART-2063G	Painting I	3
ART-2083G	Ceramics I	3
ART-2093G	Darkroom Photography	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-3033G	Technical Theatre	3
CRW-2143G	Creative Writing	3
CRW-3082G	Practicum in Creative Writing: Literary Magazine	0-2
ENS-1001G	Music Stage Productions	0-1
ENS-1011G	Collegians Chorale	0-1
ENS-1020G	Goliards Chamber Ensemble	0-1
ENS-1021G	Treble Singers Women's Choir	0-1
ENS-1031G	Symphonic Wind Ensemble	0-1
ENS-1070G	Jazz Band	0-1
ENS-1080G	Pep Band	0-0.5
ENS-1090G	Chamber Winds Ensemble	0-0.5
ENS-2010G	Flute Choir	0-0.5
GRD-2093G	Digital Photography	3
MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3

Explorations in Literature (3)

ENG-1063G	Introduction to Literature	3
ENG-2043G	Literary Landscapes	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3
ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3
SPA-3043G	Literature of the Spanish Language	3

Additional Courses

Major Requirements and Electives (33-37)

Total 60 Hours

Baccalaureate Degrees (BA, BS, BSN, BSW)

1. Complete the appropriate preparatory/intervention course sequence as designated below if conditionally accepted.
2. Complete 120 semester hours of approved course work numbered 1000 and above.
3. Complete the baccalaureate degree General Education Core for the chosen major(s).
4. Complete one semester of foreign language at MVNU or complete two years of one foreign language in high school.
5. Complete 39 semester hours of courses numbered 3000 or above.
6. Complete an approved major program. If required, complete a minor, second major, or approved supporting courses.
7. Earn a cumulative GPA of at least 2.00 in all work taken at MVNU.
8. Within the major, earn no grade below "C-" (or higher, if the department requires a higher minimum grade) in all required courses, and in the minimum number of elective hours required. For most majors, earn a minimum GPA of 2.00 in the required courses for the major. Consult the major course listing in the appropriate department section of the *Catalog* for guidance on any variations.
9. Complete the General Education Assessment and Major Field Assessment(s). Students who desire to complete two or more majors are required to complete the assessment in each major.
10. Pay all expenses in the Student Financial Services Office.

Limitations

These limitations apply to the minimum 120 hours required for graduation from a baccalaureate program.

1. A candidate for a bachelor's degree must enroll in and earn a minimum of 30 semester hours in residence at MVNU ("in residence" means courses taken at MVNU, in seat or online, as well as via institutions with whom the University has agreements).
2. One-half of the major must be taken in residence or written approval must be secured from the

department chairperson and the University Registrar.

3. A second major or minor must include at least 12 unduplicated credit hours.
4. No more than eight semester hours each in physical education activity, music ensembles, or practica; and no more than 12 semester hours total from these areas may be counted.
5. No more than 30 hours by examination, and no more than 15 hours by independent study may be counted.
6. Prior learning documentation from vendor courses (e.g. StraighterLine) is limited to fewer than 30 hours.

Baccalaureate Degree

Preparatory Courses

These are required only for certain students as noted.

(for students who score less than 17 on the ACT Mathematics sub-test.)

MAT-0083	Basic Algebra	3
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(for students who score 17 or 18 on the ACT Mathematics sub-test.)

MAT-0093	Algebra	3
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(for students whose high school GPA is below 2.50, or whose Composite ACT score is less than 19.)

HUM-1013G	Discipleship of the Christian Mind with Laboratory	3
CSS-1012	Advanced College Success Strategies	2

Acceptance into and successful completion of the summer bridge program, the Nease Institute with HUM-1012G, also meets the HUM-1013G requirement for conditionally admitted students.

General Education Core

Note: All courses taken for general education purposes must have the G suffix designation.

Competencies (7-11)

Communication Arts (3-4)

Select one

COM-1013G	Interpersonal Communication	3
COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3
COM-2003G	Small Group Communication	3
COM-2053G	Media and Society	3
aCOM-3043G	Persuasion	3

DRA-2013G	Principles of Performance	3
HON-1013G	Core Conversations II	3
MLA-1019G	Modern Language Studies	1-4
SPA-1013G	Elementary Spanish I	3
SPA-1023G	Elementary Spanish II	3
SPA-2003G	Intermediate Spanish I	3
SPA-2013G	Conversational Spanish	3

NUR-2034: Nursing majors only

Quantitative Reasoning (3-4)

Select one

CSC-1013G	Introduction to Computing	3
FIN-2003G	Consumer Finance	3
MAT-1013G	Trigonometry	3
MAT-1023G	Precalculus Mathematics	3
MAT-1033G	Intro to Mathematical Systems	3
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3

Health and Wellness (1-3)

Students who can document the completion of military basic training may contact the Registrar to receive credit for this category.

Select one

HSC-1013G	Nutrition for Health Professionals	3
PED-1002G	Principles of Health & Fitness	2
PED-1071G	Basic Self-Defense	1
PED-2011G	Sports Skill: Baseball	1
PED-2021G	Sports Skill: Basketball	1
PED-2031G	Sports Skill: Cross Country	1
PED-2041G	Sports Skill: Golf	1
PED-2051G	Sports Skill: Soccer	1
PED-2061G	Sports Skill: Track and Field	1
PED-2071G	Advanced Bicycling	1
PED-2081G	Sports Skill: Volleyball	1
PED-2091G	Sports Skill: Softball	1
PED-2101G	Sports Skill: Tennis	1
PED-2111G	Sports Skill: Cheerleading	1
PED-2121G	Sports Skill: Bowling	1
PED-2131G	Sports Skill: Lacrosse	1
PED-2141G	Sports Skill: Esports	1
PED-3033G	Personal Health	3

The following courses are for intercollegiate team members only: PED-2011, PED-2021, PED-2031, PED-2041, PED-2051, PED-2061, PED-2081, PED-2091, PED-2101, and PED-2111, PED-2121, PED-2131, PED-2141.

Common Core (26-29)

Writing Requirement (3-4)

Select one

ENG-1083G	College Writing	3
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ENG-1084G	College Writing with Laboratory	4
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Gateway (2-3)

HUM-1012G	Discipleship of the Christian Mind	2
	OR	
HUM-1013G	Discipleship of the Christian Mind with Laboratory	3

Foundations (10-12)

HIS-1013G	The Western Tradition in World Context	3
THE-3003G	Christian Beliefs & Convictions	3

Select from below (4-6)

BIB-1014G	The Narrative of Scripture	4
	OR	
BIB-1003G	Old Testament History & Literature	3
	AND	
BIB-1013G	New Testament History & Literature	3

BIB-1003, BIB-1013: Required for School of Christian Ministry majors (excluding Philosophy majors). All students outside of the School of Christian Ministry have the option to take both BIB-1003 and BIB-1013 in place of BIB-1014, but are not required to do so.

Conversations (8)

PHI-2013G	Love, Justice, and the Good Life	3
HUM-2013G	Arts and The Human Identity	3
SCI-3012G	Science and the Modern Mind	2

Capstone (3)

ITD-5013G	Contemporary Concerns	3
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Explorations (11-17)

Crossing Cultures^ (0-4)

Select from either Avenue:

Avenue 1 - Travel to a cross-cultural site and complete reflection.

Option 1A (0-4)

Participation in any travel course approved to meet this requirement by the General Education Committee. Courses approved by the General Education Committee will need to provide pre-trip cross-cultural orientation, end-of-course reflection, and implementation plan consistent with cross-cultural and cultural intelligence principles.

Select one:

ART-2013G	Art and Architecture in Historical Italy	3
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aBIB-2083G	History & Geography of Biblical Lands	3
aBIO-3094G	Tropical Ecology with Laboratory	4
CED-3062	Developmental Missions(G)	2
aICS-2042G	Global Diversity and Intercultural Understanding	2
ICS-3089G	Intercultural Practicum	2-6
aITD-3084G	Seminar in International Development	4
PED-2171G	Adv. Bicycling - International	1
aPSY-3013G	Positive Psychology	3
SPA-3000G	Spanish Language Institute Orientation	

Option 1B (0-1)

Completion of ITD-1009G Crossing Cultures Training and Experience as a corequisite with any one-to-three week spring break or summer crossing cultures trip sponsored by Mount Vernon Nazarene University.

Avenue 2 - Study of a non-western civilization in an approved course (3)

aCOM-3073G	Intercultural Communication	3
ENG-3069G	Global Literature Special Topics	3
aHIS-3093G	History of the Modern Middle East	3
HSC-3003G	Cultural Responsiveness in Healthcare	3
aPHI-2063G	World Religions	3
PHI-2073G	Chinese & Islamic Philosophy	3
POL-1013G	Comparative Politics & Government	3
EDU-3063G	Education & Cultural Diversity	3
IBS-3003G	International Business Operations	3
SWK-2003G	Cultural and Human Diversity	3

EDU-3063: Education majors only

IBS-3003: Business majors only

SWK-2003: Social Work majors only

^Students meeting any of the following criteria may apply to the General Education Committee for exemption from the Crossing Cultures requirement:

1. Students who have lived for one year in a country other than their home culture after the age of seven;
2. Student who have two years of active duty military service overseas; or
3. International Students

Natural Science (4)

Select one

BIO-1014G	Principles of Biology with Laboratory	4
BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-1094G	Environmental Conservation and Sustainability	4
CHE-1034G	General Chemistry I with Laboratory	4
CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4
ESS-1034G	Earth Science with Laboratory	4
ESS-1044G	Astronomy with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4
PHY-2014G	General Physics I with Laboratory	4
PHY-2055G	University Physics I with Laboratory	5

Social Science (3)

Select one

aICS-2003G	Introduction to Cultural Anthropology	3
POL-1003G	American Politics & Government	3
PSY-1013G	General Psychology	3
SOC-1013G	Introduction to Sociology	3
MAN-3083G	Organizational Behavior	3
EDU-2023G	The Learner and the Learning Process	3

MAN-3083: Business majors only

EDU-2023: Education majors only

The Arts (1-3)

Select one

APM-1001G	Piano Class I	1
APM-1021G	Private Keyboard	0.5-2
APM-1041G	Beginning Voice Class	1
APM-1071G	Private Instrument	0.5-2
APM-1091G	Guitar Class I	1
ART-1002G	Art in the Western World	2
ART-1013G	Design Foundations	3
ART-1053G	Drawing I	3
ART-2013G	Art and Architecture in Historical Italy	3
ART-2063G	Painting I	3
ART-2083G	Ceramics I	3
ART-2093G	Darkroom Photography	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3

CRW-2143G	Creative Writing	3
CRW-3082G	Practicum in Creative Writing: Literary Magazine	0-2
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-3033G	Technical Theatre	3
DRA-4013G	Directing and Producing for Theatre	3
ENS-1001G	Music Stage Productions	0-1
ENS-1011G	Collegians Chorale	0-1
ENS-1020G	Goliards Chamber Ensemble	0-1
ENS-1021G	Treble Singers Women's Choir	0-1
ENS-1031G	Symphonic Wind Ensemble	0-1
ENS-1070G	Jazz Band	0-1
ENS-1080G	Pep Band	0-0.5
ENS-1090G	Chamber Winds Ensemble	0-0.5
ENS-2010G	Flute Choir	0-0.5
GRD-1013G	Design Foundations	3
GRD-2093G	Digital Photography	3
MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3

ART-2013: This course may only be used to fulfill either the Explorations in the Arts or the Exploration in Crossing Cultures, but not both categories.

Literature (3)

Select one

DRA-1063G	Theatre History	3
ENG-1063G	Introduction to Literature	3
ENG-2043G	Literary Landscapes	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3
ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3
SPA-3043G	Literature of the Spanish Language	3
HON-1003G	Core Conversations I	3

HON-1003: Honors Students Only

Total Required 44-57 Hours

Total Required plus possible Preparatory 44-67 Hours

School of Arts and Humanities

Dean, Yvonne R. Schultz

Art and Design Department

Department Chair, Margaret Allotey-Pappoe

Art

Faculty

John J. Donnelly, MFA
Justin K. Sorensen, MFA

Art Program Objectives

Students who achieve the objectives of the art program will:

- integrate and appreciate the visual arts within the concept of liberal arts education by developing aesthetic and cultural concepts;
- demonstrate responsible and effective citizenship to the church and society through the visual arts;
- master the knowledge and skills necessary for entry-level professional activities in the visual arts; and
- demonstrate the knowledge and skills necessary to pursue graduate study in the visual arts.

Visual Arts Education Program Objectives

Students who achieve the objectives of the visual arts education program will:

- integrate and appreciate the visual arts within the concept of liberal arts education by developing aesthetic and cultural concepts;
- demonstrate responsible and effective citizenship to the church and society through the visual arts; and
- master the knowledge and skills to teach visual arts in elementary and secondary schools.

Art Departmental Programs

Art, B.A.

Required Courses

Take all of the following

ART-1002G	Art in the Western World	2
ART-1013G/ GRD 1013G	Design Foundations	3
ART-1033	Color Theory	3

ART-1053G	Drawing I	3
aART-2003	3D Design	3
ART-2023	Printmaking I	3
ART-2053	Composition Concepts	3
ART-2063G	Painting I	3
ART-2083G	Ceramics I	3
ART-3093	Sculpture	3
ART-4013	Aesthetics and Postmodern Art	3
ART-4073	Senior Project	3

Select two of the following art history courses: (6)

ART-2013G	Art and Architecture in Historical Italy	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3

Studio Electives (9)

Studio electives from graphic design or art with advisor approval; cannot be courses that are part of the student's major.

Total 50 Hours

The student with a major in art must complete a minor in another discipline.

Visual Arts Education, B.A.

Note: Candidates who wish to teach in multi-age education settings must complete general education and professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following:

ART-1002G	Art in the Western World	2
ART-1013G/ GRD 1013G	Design Foundations	3
ART-1033	Color Theory	3
ART-1053G	Drawing I	3
aART-2003	3D Design	3
ART-2023	Printmaking I	3
ART-2063G	Painting I	3
ART-2083G	Ceramics I	3
ART-2093G	Darkroom Photography	3
ART-3042	Art Materials and Teaching	2
ART-3093	Sculpture	3
ART-4013	Aesthetics and Postmodern Art	3
GRD-2003	Computer Graphic Design I	3

Select two of the following: (6)

ART-2013G	Art and Architecture in Historical Italy	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3

GRD-3023	History of Graphic Design	3
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Required Education Courses (44)

Total 87 Hours

Fine Arts Minor

Required Courses

Take all of the following

ART-1013G/ GRD 1013G	Design Foundations	3
ART-1053G	Drawing I	3

Studio art electives (9)

(3 hours selected from courses numbered 3000 or above.)*

*The three studio art elective courses and the art history course cannot be from courses previously taken in the student's major.

Select one of the following art history courses: (3)

ART-2013G	Art and Architecture in Historical Italy	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3

Total 18 Hours

Art History Minor

Required Courses

Take all of the following

ART-1002G	Art in the Western World	2
ART-4093	Special Topics in the History of Art	3
ART-4013	Aesthetics and Postmodern Art	3
GRD-3023	History of Graphic Design	3

Select two of the following: (6)

ART-2013G	Art and Architecture in Historical Italy	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3

Total 17 Hours

Graphic Design

Faculty

Margaret Allotey-Pappoe, MFA

Graphic Design Program Objectives

Students who achieve the objectives of the graphic design program will:

- demonstrate ability to create and develop visual form in response to communication problems;

- demonstrate ability to solve communication problems in graphic design;
- demonstrate an understanding of graphic design tools and technology;
- evidence understanding of and appreciation for the creative process;
- develop professional habits and skills essential in graphic design and related professions; and
- integrate faith and learning in the process of studying the theory, practice, and history of graphic design that results in a personal value system based upon Christian ethical principles.

Graphic Design Departmental Programs

Graphic Design (Communication Concentration), B.A.

Required Courses

Take all of the following

ART-1002G	Art in the Western World	2
ART-1033	Color Theory	3
GRD-1013G/ ART 1013G	Design Foundations	3
GRD-2023	Typography	3
GRD-2093G	Digital Photography	3
GRD-2003	Computer Graphic Design I	3
GRD-3003	Computer Graphic Design II	3
GRD-3013	Computer Graphic Design III	3
GRD-3023	History of Graphic Design	3
GRD-3043	Web Design for Designers	3
GRD-4073	Senior Graphic Design Project	3

GRD-4073: enroll for two semesters

Required Concentration Courses

COM-1023G	Public Speaking	3
COM-2053G	Media and Society	3
COM-2123	Mass Media Writing I	3
	Upper division communication elective	3
MAR-2033	Principles of Marketing	3

Upper division communication elective: 3 hours selected from courses numbered 3000 or above

Recommended Elective

GRD-5029	Graphic Design Internship	1-6
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Total 50 Hours

The student with a major in graphic design (communication concentration) must complete a minor in another discipline or a second major.

Graphic Design (Visual Arts Concentration), B.A.**Required Courses**

Take all of the following

ART-1002G	Art in the Western World	2
ART-1033	Color Theory	3
GRD-1013G/ ART 1013G	Design Foundations	3
GRD-2023	Typography	3
GRD-2093G	Digital Photography	3
GRD-2003	Computer Graphic Design I	3
GRD-3003	Computer Graphic Design II	3
GRD-3013	Computer Graphic Design III	3
GRD-3023	History of Graphic Design	3
GRD-3043	Web Design for Designers	3
GRD-4073	Senior Graphic Design Project	3

GRD-4073: enroll for two semesters

Required Concentration Courses

ART-1053G	Drawing I	3
ART-2053	Composition Concepts	3
ART-2063G	Painting I	3
ART-2023	Printmaking I	3
aGRD-3033	Illustration	3

Select one of the following art history courses: (3)

ART-2013G	Art and Architecture in Historical Italy	3
aART-3003G	History of Art I	3
aART-3013G	History of Art II	3
PHI-4013	Aesthetics and Post-Modern Art	3
ART-4013	Aesthetics and Postmodern Art	3

Recommended Elective

GRD-5029	Graphic Design Internship	1-6
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Total 53 Hours

The student with a major in graphic design (visual arts concentration) must complete a minor in another discipline or a second major.

Graphic Design Minor**Required Courses**

Take all of the following

GRD-1013G/ ART 1013G	Design Foundations	3
GRD-2003	Computer Graphic Design I	3
GRD-2023	Typography	3
GRD-3023	History of Graphic Design	3

Studio Electives: (6)

Studio electives in graphic design or art with advisor approval; cannot be courses that are part of the student's major.

Total 18 Hours

Communication Department

Department Chair, Joseph D. Rinehart

Communication Faculty

Jaymes M. McMillan, BA

Joseph D. Rinehart, MA

WNZR Staff

Marcy E. Rinehart, BA, WNZR Station Manager

Communication Program Objectives

Students who achieve the objectives of the communication and media program will:

- demonstrate an understanding of historical and contemporary perspectives in human and mass media communication;
- articulate and apply an understanding of the personal, social, and faith-based dynamics of human and mass media;
- effectively use fundamental oral, written, and mediated communication skills and abilities; and
- demonstrate the knowledge and skills necessary for entry-level digital media or strategic communication careers, or for admission to graduate school.

Students who achieve the objectives of the digital media concentration will also:

- design and produce effective media in written, video, and audio formats.

Students who achieve the objectives of the strategic communication concentration will also:

- design and execute communication strategies using public relations, research, planning, writing, and evaluating.

Communication Departmental Programs**Communication and Media, B.A. (Digital Media Concentration)****Required Courses**

Take all of the following major courses:

COM-1023G	Public Speaking	3
COM-1033	Introduction to Video Production	3
COM-2053G	Media and Society	3
COM-2123	Mass Media Writing I	3
COM-3123	Mass Media Writing II	3

COM-3153	Communication Portfolio and Management	3
COM-3193	Seminar in Communication	3
COM-4043	Media Law and Ethics	3

Take all of the following concentration courses:

COM-1043	Introduction to Film and Television Arts	3
COM-2063	Introduction to Radio Performance	3
COM-2072	Radio Production	2
COM-2081	Fundraising Practicum	0-1
COM-2103	Advanced Video Production and Performance	3
COM-2111	Digital Media Practicum - Radio	0-1
aCOM-3103	Video Directing and Producing	3
COM-3132	Digital Media Practicum - Video	0-2
COM-3142	Digital Media Practicum - Journalism	0-2

Choose six hours from the following: (6)

COM-1061	Sportscasting Practicum	0-1
COM-2111	Digital Media Practicum - Radio	0-1
COM-3132	Digital Media Practicum - Video	0-2
COM-3142	Digital Media Practicum - Journalism	0-2
COM-5029	Communication Internship	1-6

If taking COM-2111, COM-3132, and/or COM-3142, elective hours are in addition to those in the required courses for the concentration.

Total 48 Hours

The student with a major in communication and media must also complete a minor in another discipline.

Communication and Media, B.A. (Strategic Communication Concentration)

Required Courses

Take all of the following major courses:

COM-1023G	Public Speaking	3
COM-1033	Introduction to Video Production	3
COM-2053G	Media and Society	3
COM-2123	Mass Media Writing I	3
COM-3123	Mass Media Writing II	3
COM-3153	Communication Portfolio and Management	3
COM-3193	Seminar in Communication	3
COM-4043	Media Law and Ethics	3

Take all of the following concentration courses:

COM-1013G	Interpersonal Communication	3
aCOM-2002	Public Relations Practicum	2

COM-2003G	Small Group Communication	3
COM-2013/ MAR 2013	Introduction to Public Relations	3
COM-3113/ MAR 3113	Advanced Public Relations	3
COM-3193	Seminar in Communication	3

Choose seven hours from the following: (7)

COM-1061	Sportscasting Practicum	0-1
aCOM-3013	Organizational Communication	3
aCOM-3073G	Intercultural Communication	3
COM-5029	Communication Internship	1-6
MAR-2033	Principles of Marketing	3
aMAR-3073	Advertising and Promotion	3
aMAR-3083	Digital Marketing	3

Total 48 Hours

Students with a major in communication and media must complete a minor in another discipline.

Theatre, B.A.

The Theatre, B.A. is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

COM-1043	Introduction to Film and Television Arts	3
COM-2053G	Media and Society	3
DRA-1013	Introduction to Vocal Production	3
DRA-1063G	Theatre History	3
DRA-2013G	Principles of Performance	3
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-3033G	Technical Theatre	3
DRA-4013G	Directing and Producing for Theatre	3
ENG-3033	Shakespeare	3
COM-5029	Communication Internship	1-6

Major Electives - select a minimum of six hours: (6)

COM-2013/ MAR 2013	Introduction to Public Relations	3
aCOM-3073G	Intercultural Communication	3
COM-4043	Media Law and Ethics	3
CRW-2143G	Creative Writing	3
ENG-2153G	Classical Literature and Mythology	3
MAR-2033	Principles of Marketing	3

King's College Semester (12-15)

Total 46-54 Hours

The student with a major in theatre must complete a minor in another discipline.

Digital Media Production Minor

Required Courses

Take all of the following

COM-1033	Introduction to Video Production	3
COM-2063	Introduction to Radio Performance	3
COM-2072	Radio Production	2
COM-2103	Advanced Video Production and Performance	3
COM-2123	Mass Media Writing I	3
aCOM-3103	Video Directing and Producing	3

Choose two hours from the following (2)

COM-1061	Sportscasting Practicum	0-1
COM-2111	Digital Media Practicum - Radio	0-1
COM-3132	Digital Media Practicum - Video	0-2
COM-3142	Digital Media Practicum - Journalism	0-2

Total 19 Hours

Film Studies Minor

This program requires that the student apply to, be accepted by, and complete the Los Angeles Film Studies Program of the Council for Christian Colleges & Universities. The student must also be approved by the MVNU off-campus study committee. See the off-campus study section of this catalog for more information.

Required Courses

Take all of the following

COM-1043	Introduction to Film and Television Arts	3
COM-1033	Introduction to Video Production	3
	Hollywood Production Workshop*	4
	Faith and Artistic Development in Film*	3
	Internship: Inside Hollywood*	6

Select one of the following: (3)

	Independent Study*	
	Narrative Storytelling*	
	Professional Acting for the Camera*	
	Professional Screenwriting*	

Total 22 Hours

*Coursework taken in association with the Council for Christian Colleges & Universities program at Los Angeles, CA.

Music Production Minor

Contemporary Music Center - Technical Concentration (Nashville, TN, offered through CCCU)

This program requires that the students apply to, be accepted by, and complete the Contemporary Music Center - Technical Concentration program of the Council for Christian College & Universities. The CMC is in Nashville, Tenn. The student must also be approved by the MVNU off-campus study committee. See the off-campus study section of this catalog for more information. It is recommended that students undertake this program of study during either the junior or senior year. Application must be completed in the year prior.

Required Courses

Take all of the following:

	Advanced Studio Recording*	3
	Audio Engineering*	3
	Concert Production*	3
	Faith Music and Culture*	3
	Inside the Music Industry*	3
	Practicum: "CMC Tour"*	1

Total 16 Hours

*Coursework taken in association with the Council for Christian Colleges & Universities program at Nashville, TN.

Sports Media Minor

Required Courses

Take all of the following

COM-1033	Introduction to Video Production	3
COM-1061	Sportscasting Practicum	0-1
COM-2063	Introduction to Radio Performance	3
COM-2123	Mass Media Writing I	3
aSPM-3013	Sports Communication	3

Choose seven hours from the following (7)

COM-1061	Sportscasting Practicum	0-1
COM-2103	Advanced Video Production and Performance	3
COM-3142	Digital Media Practicum - Journalism	0-2
COM-5029	Communication Internship	1-6
PED-2029	Sports Information Practicum	1-2

If taking COM-1061, elective hours are in addition to those in the required courses for the minor.

Total 20 Hours

Strategic Communication Minor

Required Courses

Take all of the following

COM-1013G	Interpersonal Communication	3
COM-1023G	Public Speaking	3
aCOM-2002	Public Relations Practicum	2
COM-2003G	Small Group Communication	3
COM-2013/MAR 2013	Introduction to Public Relations	3
COM-3113/MAR 3113	Advanced Public Relations	3
COM-3193	Seminar in Communication	3

Total 20 Hours

Theatre Minor

The Theatre Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog. The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

DRA-1013	Introduction to Vocal Production	3
DRA-1063G	Theatre History	3
DRA-2013G	Principles of Performance	3
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-3033G	Technical Theatre	3
DRA-4013G	Directing and Producing for Theatre	3

Select one of the following additional practica: (1)

DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1

Total 18 Hours

English and History Department

Department Chair, Dorothea R. Hawthorne

English**Faculty**

John M. Ballenger, MFA
Dorothea R. Hawthorne, PhD
Yvonne R. Schultz, PhD
W Brett Wiley, PhD
David M. Wilkes, PhD

English Program Objectives

Students who achieve the outcomes of the English program will:

- demonstrate knowledge of canonical and contemporary literature;
- exhibit analytical and critical skills in reading;
- demonstrate competence in writing, research, and presentation skills related to the study of English;
- analyze literature from multiple perspectives; and
- articulate what it means to think Christianly about literature

Integrated Language Arts Education Program Objectives

Students who achieve the outcomes of the integrated language arts education program will:

- demonstrate proficiency in the methodology of teaching writing, literacy, and literature.

English Departmental Programs

English, B.A.

Required Courses

Take all of the following:

ENG-2033	Introduction to Literary Studies	3
ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3
ENG-3033	Shakespeare	3
ENG-3069G	Global Literature Special Topics	3
ENG-3173	Poetics and Literary Theory	3
ENG-4063	English Grammars	3
ENG-4093	English Capstone	1

Literature Electives (15)

Complete 9 hours from the following courses

Note: At least one British and one American is required: (9)

ENG-3079	American Literature Special Topics	3
ENG-3089	British Literature Special Topics	3

Complete 6 hours from the following courses: (6)

aENG-4009	Studies in Authors	3
aENG-4019	Studies in Genre	3
ENG-4029	Studies in Theme	3

Practicum Requirement (1-3)

Complete 1-3 credits from the following:

COM-3142	Digital Media Practicum - Journalism	0-2
CRW-3082G	Practicum in Creative Writing: Literary Magazine	0-2
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-4013G	Directing and Producing for Theatre	3
ENG-3011	Writing Lab Practicum	1
ENG-5019	Independent Study in English	1-4

Total 46-48 Hours

The student with a major in English must complete a minor in another discipline.

Integrated Language Arts Education, B.A.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following

ENG-1083G	College Writing	3
	OR	
ENG-1084G	College Writing with Laboratory	4
COM-1023G	Public Speaking	3
EDU-3023	Adolescent Literature	3
ENG-2033	Introduction to Literary Studies	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3
ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3
ENG-3033	Shakespeare	3
ENG-3173	Poetics and Literary Theory	3
ENG-4063	English Grammars	3
ENG-4093	English Capstone	1

Required Literature Topics: (6)

ENG-3079	American Literature Special Topics	3
ENG-3089	British Literature Special Topics	3

Select two of the following Literature Electives: (6)

ENG-3069G	Global Literature Special Topics	3
aENG-4009	Studies in Authors	3

aENG-4019	Studies in Genre	3
ENG-4029	Studies in Theme	3

Select 1-3 credit hours from the following courses: (1-3)

COM-3142	Digital Media Practicum - Journalism	0-2
CRW-3082G	Practicum in Creative Writing: Literary Magazine	0-2
DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1
DRA-4013G	Directing and Producing for Theatre	3
ENG-3011	Writing Lab Practicum	1

Required Education Courses (42)

Total 91-96 Hours

Creative Writing Minor

Required Courses

Take all of the following:

CRW-2143G	Creative Writing	3
CRW-3082G	Practicum in Creative Writing: Literary Magazine	0-2

Select one of the following: (3)

ENG-2033	Introduction to Literary Studies	3
ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3

Select one of the following: (3)

ENG-3069G	Global Literature Special Topics	3
ENG-3079	American Literature Special Topics	3
ENG-3089	British Literature Special Topics	3
aENG-4009	Studies in Authors	3
aENG-4019	Studies in Genre	3
ENG-4029	Studies in Theme	3

Choose three Creative Writing Special Topics (9)

Total: 20 Hours

English Minor

It is recommended that students complete the Section I elective requirement before proceeding to ENG-3033 and Section II elective courses.

Required Courses

Take all of the following

ENG-2033	Introduction to Literary Studies	3
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ENG-3033	Shakespeare	3
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Section I - Select two of the following courses: (6)

ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3
ENG-2153G	Classical Literature and Mythology	3
ENG-2163G	American Literature: Beginnings to 1945	3

Section II - Select two of the following courses: (6)

ENG-3069G	Global Literature Special Topics	3
ENG-3079	American Literature Special Topics	3
ENG-3089	British Literature Special Topics	3
aENG-4009	Studies in Authors	3
aENG-4019	Studies in Genre	3
ENG-4029	Studies in Theme	3
ENG-4063	English Grammars	3

Total 18 Hours

History

Department Chair, William R. Wantland

Faculty

William R. Wantland, PhD

History Program Objectives

Students who achieve the objectives of the history program will:

- understand and interpret the past through systematic analysis of historical events and interpretations;
- integrate faith and learning in the process of studying the varied political, economic, religious, and cultural achievements of past and present civilizations;
- demonstrate effective writing skills in specific applications of historical writing;
- appreciate the aesthetics of reading and studying history and political science for personal enjoyment and enrichment;
- demonstrate the knowledge and skills necessary for careers involving history, including college teaching, museum or archival work; and interdisciplinary programs in art, media, business, or science; and
- develop the knowledge and skills necessary for foundational training in careers such as law, government service, and library and research activities that use history as a supportive field.

Integrated Social Studies Education Program Objectives

Students who achieve the objectives of the integrated social studies program will:

- understand and interpret the past through systematic analysis of historical events and interpretations;
- integrate faith and learning in the process of studying the varied political, economic, religious, and cultural achievements of past and present civilizations;
- demonstrate effective writing skills in specific applications of historical writing; and
- master the knowledge and skills to teach history in adolescent to young adult education, multi-age education, and career technical settings.

History Departmental Programs

History (American Studies Concentration), B.A.

This program requires that the student apply to, be accepted by, and complete the American Studies Program of the Council for Christian Colleges and Universities.

Required Courses

Take all of the following:

HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3
HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
POL-1003G	American Politics & Government	3
aHIS-3193	Seminar in Historical Research	3
HIS-4001	Research Capstone	1
	Course work/practicums taken in association with the Council of Christian Colleges and Universities American Studies Program in Washington, DC	16

Take one upper division course from each of the following areas:

	Upper division American history	3
	Upper division non-American history	3
	Upper division history	3

Total 44 Hours

The student with a major in history (American studies concentration) must complete a minor in another discipline.

History (British Studies Concentration) , B.A.

This program requires that the student apply to, be accepted by, and complete the Scholars' Semester at Oxford of the Council for Christian Colleges and Universities.

Required Courses

Take all of the following:

HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3
HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3003	Age of the Renaissance and Reformation	3
aHIS-3053	History of Modern Britain	3
aHIS-3193	Seminar in Historical Research	3
HIS-4001	Research Capstone	1
	Course work/practicums taken in association with the Council for Christian Colleges & Universities Scholars' Semester in Oxford Program.	15-17
	Upper division American history	3
	Upper division non-American history	3

Total 43-45 Hours

The student with a major in history (British studies concentration) must complete a minor in another discipline.

History (General Concentration), B.A.

Required Courses

Take all of the following:

HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3
HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3193	Seminar in Historical Research	3
HIS-4001	Research Capstone	1

Take six to nine hours from each of the following as noted: (24)

	Upper division American history	9
	Upper division non-American history	9
	Upper division history electives	6

Total 40 Hours

The student with a major in history (general concentration) must complete a minor in another discipline.

History (Middle East Studies Concentration), B.A.

This program requires that the student apply to, be accepted by, and complete the Middle East Studies Program of the Council for Christian Colleges & Universities.

Required Courses

Take all of the following:

HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3
HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3093G	History of the Modern Middle East	3
aHIS-3193	Seminar in Historical Research	3
HIS-4001	Research Capstone	1
	Course work/practicums taken in association with the Council for Christian Colleges & Universities Middle East Studies Program in Cairo, Egypt	15-16

Take one upper division course from each of the following areas: (6)

	Upper division American history	3
	Upper division non-American history	3

Total 40-41 Hours

The student with a major in history (Middle East studies concentration) must complete a minor in another discipline.

Integrated Social Studies Education, B.A.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and

professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following:

ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3
HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3193	Seminar in Historical Research	3
MCE-3083	World Geography	3
POL-1003G	American Politics & Government	3
PSY-1013G	General Psychology	3
SOC-1013G	Introduction to Sociology	3

Select three upper division American History courses: (9)

aHIS-3013	Colonial America	3
aHIS-3033	The American Civil War	3
aHIS-3043	Modern America	3
aHIS-3079	Special Topics in U.S. History	3
aHIS-3123	History of Ohio	3

Select three upper division non-American History courses: (9)

aHIS-3003	Age of the Renaissance and Reformation	3
aHIS-3053	History of Modern Britain	3
aHIS-3063	History of Modern Russia	3
aHIS-3089	Special Topics in European History	3
aHIS-3093G	History of the Modern Middle East	3
aHIS-3099	Special Topics in Non-Western History	3
aHIS-3133	Modern Warfare: World War I & World War II	3

Select one of the following Psychology courses: (3-4)

PSY-2013	Life Span Developmental Psychology	3
PSY-2044	Theories of Learning	4
PSY-2063	Cognitive Psychology	3
PSY-3053	Social Psychology	3
PSY-3063	Abnormal Psychology	3

Required Education Courses (44)

Total 99-100 Hours

Political Science, B.A.

The Political Science, B.A. is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog,

pending the graduation of all students currently in the program.

Required Courses

Take all of the following

POL-1003G	American Politics & Government	3
POL-1013G	Comparative Politics & Government	3
POL-2073	Political Thought	3
aPOL-3113	International Relations	3
POL-3033	Public Policy	3
ECO-1033	Principles of Macroeconomics	3
MAT-2063G	Introduction to Statistics	3

Select one of the following Research Methods courses (3)

SWK-3003	Social Science Research Methods	3
CJU-3113/SWK 3003	Social Research Methods	3

Select one of the following Political Science Mastery courses (3)

POL-3053	The U.S. Presidency	3
POL-4003	Seminar in Foreign Policy	3

Take the following: (12-16)

Course work/practicums taken in association with the Council for Christian Colleges & Universities American Studies Program in Washington, DC

OR

Select four of the following:

POL-3003	Political Campaigns and Elections	3
POL-3043	Constitutional Law	3
POL-3053	The U.S. Presidency	3
POL-3103	War and Peace	3
POL-3133	Protest and Revolution	3
POL-3143	History, Politics, and Culture of South Asia	3
POL-3079	Special Topics in Political Science	3
POL-4003	Seminar in Foreign Policy	3
POL-5029	Political Science Internship	1-6
aCJU-3083	Terrorism and Homeland Security	3
COM-3193	Seminar in Communication	3

Total 39-43 Hours

The student with a major in Political Science must complete a minor in another discipline (the Public Policy minor is permitted).

British Studies Minor

This program requires that the student apply to, be accepted by, and complete the British Studies Program of the Council for Christian Colleges and Universities.

Required Courses

Take all of the following

aHIS-3053	History of Modern Britain	3
	Course work/practicums taken in association with the Council for Christian Colleges & Universities Scholars' Semester in Oxford Program.	15-17

Recommended Cognate Course

HIS-1013G	The Western Tradition in World Context	3
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Total 18-20 hours

History Minor

Required Courses

Select one of the following: (3)

HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3

Select one of the following: (3)

HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3

History electives (12)

	12 hours from courses numbered 3000 or above	3
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Total 18 hours

Middle East Studies Minor

This program requires that the student apply to, be accepted by, and complete the Middle East Studies Program of the Council for Christian Colleges and Universities.

Required Courses

Take all of the following

aHIS-3093G	History of the Modern Middle East	3
	Course work/practicums taken in association with the Council for Christian Colleges & Universities Middle East Studies Program in Cairo, Egypt	15-16

Recommended Cognate Course

HIS-1013G	The Western Tradition in World Context	3
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Total 18-19 hours

Political Science Minor

The Political Science Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog. The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Select one of the following: (3)

POL-1003G	American Politics & Government	3
POL-1013G	Comparative Politics & Government	3

Select one of the following: (3)

POL-2073	Political Thought	3
POL-3033	Public Policy	3
aPOL-3113	International Relations	3

Select 12 credits from the following: (12)

POL-3003	Political Campaigns and Elections	3
POL-3043	Constitutional Law	3
POL-3053	The U.S. Presidency	3
POL-3079	Special Topics in Political Science	3
POL-3103	War and Peace	3
POL-3133	Protest and Revolution	3
POL-3143	History, Politics, and Culture of South Asia	3
POL-4003	Seminar in Foreign Policy	3
POL-5029	Political Science Internship	1-6

Total 18 Hours

Public Policy Minor

The Public Policy Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog. The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

POL-3033	Public Policy	3
	Course work/practicums taken in association with the Council for Christian Colleges & Universities American Studies Program in Washington, DC	16

Total 19 Hours

Pre-Law Program

No specific set of courses is typically prescribed to prepare students for law school. Pre-law education should prepare students to understand the world about them, to express themselves effectively, and to reason accurately and logically. The major chosen and courses selected need to emphasize communication and critical thinking skills.

Preparation for law school traditionally has emphasized the humanities and social sciences, but other baccalaureate programs are very acceptable. Individuals who anticipate a law career in government might emphasize history, while those interested in tax or corporate law might stress economics or business. Those interested in family law could take course work in child development and family relations. What remains important is that the program develops intellectual discipline.

While law schools do not prescribe a preparatory curriculum, they seek students who have demonstrated certain proficiencies and potentials. High GPA and Law School Admission Test (LSAT) scores are vital. Successful applicants must be able to read with speed and comprehension, to think logically and creatively, to understand human institutions and values, and to speak clearly and effectively. Most law schools look beyond academic performance. Admission committees typically consider non-quantifiable factors such as work experience, extra-curricular activities, letters of recommendation, and community service. The more well-rounded the applicant is, the better are the chances of acceptance. Specific questions about law school may be answered by the pre-law advisor, Dr. Lincoln Stevens.

Modern Languages Programs

Modern Languages Program Objectives

Students who achieve the objectives of the modern languages program will:

- evidence a realization of the global interdependence of today's world and thus the importance of communication with those of other language backgrounds;
- communicate effectively using both the spoken and written language;
- demonstrate an understanding of the history, geography, and culture of the target countries;
- analyze grammatically the modern language studied and show a better understanding of the English language; and

- demonstrate the ability to interpret literature, art, and music of the target countries.

Spanish Education Program Objectives

Students who achieve the objectives of the multi-age Spanish education program will, in addition to achieving the objectives of the modern languages program:

- evidence proficiency in the methodology of teaching language, culture, and literature.

Modern Languages Departmental Programs

Spanish Language and Culture Minor

As prescribed below, this minor requires that the student apply to, be accepted by, and complete the Latin American Studies Program of the Council for Christian Colleges & Universities in San Jose, Costa Rica. The student must also be approved by the Off-Campus Study Coordinator before declaring this minor, as seats for off-campus study are limited. This minor may also be completed at the Nazarene International Language Institute.

Latin American Studies Program (LASP)

Based in San Jose, Costa Rica, the LASP introduces students to a wide range of experiences through the study of the languages, literature, culture, politics, history, economics, ecology, and religion of the region. By living with local families, students become a part of the day-to-day lives of Latin Americans. LASP students complete an intensive Spanish language course, a class on Latin American history and contemporary issues, a study trip to a neighboring country, and one of three academic concentrations: Latin American studies, advanced language and literature, or business for sustainability. Students must apply and be accepted to the program. Eligibility includes junior classification, a 2.75 minimum cumulative GPA at MVNU, and good social and academic standing. See bestsemester.com for complete information.

Total 16-18 Hours

Nazarene International Language Institute (NILI)

Students can earn 15-18 hours of credit while spending a semester at the NILI. NILI is a ministry of the North Andean Field of the Church of the Nazarene and is located on the campus of the Nazarene Theological Seminary of South America in Quito, Ecuador. Students live in student dormitories on campus with a Latin American roommate and eat meals in the seminary cafeteria. Students study language and culture and take part in ministry activities and

mission projects. Language classes are offered at 7 different levels, ranging from Basic to Superior. Additional information can be found in the Academic Regulations and Procedures section (p. 37) of this catalog.

Spanish (General Concentration), B.A.

The Spanish (General Concentration), B.A. is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

ICS-3133	Introduction to Linguistics	3
SPA-2001	Spanish Phonetics and Phonology	1
SPA-2003G	Intermediate Spanish I	3
SPA-2013G	Conversational Spanish	3
SPA-2023	Intermediate Spanish II	3
SPA-3000G	Spanish Language Institute Orientation	
aSPA-3003	Spanish Composition	3
aSPA-3023	History & Culture of Latin America	3
SPA-3043G	Literature of the Spanish Language	3
SPA-3073	Spanish Morphology and Syntax	3
SPA-4133	Interpretation, Translation, and Spanish Phonetics	3

Study Abroad Semester* (16)

SPA-3025	Advanced Spanish Grammar	5
SPA-3035	Advanced Spanish Composition and Conversation	5
SPA-3053	Culture of Spanish America	3
SPA-3063	Spanish-American People: A Sociological View	3

**Coursework taken in association with the Council for Christian Colleges & Universities program at the Instituto de Lengua Española in San Jose, Costa Rica*

Total 44 Hours

The student with a major in Spanish (general concentration) must complete a minor in another discipline.

Students majoring in Spanish can earn 16 hours of credit while spending a semester at the Instituto de Lengua Española in San Jose, Costa Rica, or through the Council for Christian Colleges and Universities Latin American Studies Program in Costa Rica or at the Nazarene International Language Institute in Quito, Ecuador.

Those students unable to study abroad must complete at least 16 additional hours of Spanish-language courses (3000-level or higher) at MVNU, through independent study, or courses at alternative educational institutions, including Kenyon College (see policies concerning enrollment at Kenyon College in the Academic Regulations and Procedures section of this catalog). Up to 4 hours of the required 16 can be fulfilled by enrollment in SPA-5029 Spanish Internship.

CCCU Latin American Studies Program (LASP)

Based in San Jose, Costa Rica, the LASP introduces students to a wide range of experiences through the study of the language, literature, culture, politics, history, economics, ecology, and religion of the region. By living with local families, students become a part of the day-to-day lives of Latin Americans. LASP students complete an intensive Spanish language course, a class on Latin American history and contemporary issues, a study trip to the country of Nicaragua, and one of four academic specializations: Latin American studies, advanced language and literature, international business, or environmental science. Students must apply and be accepted to the program. Eligibility includes a junior classification, a 2.75 cumulative GPA at MVNU, and good social and academic standing. Additional information can be found in the Academic Regulations and Procedures section (p. 37) of this catalog.

Kenyon College

Information can be found in the Academic Regulations and Procedures section (p. 37) of this catalog.

Spanish Education, B.A.

The Spanish Education, B.A. is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog, pending the graduation of all students currently in the program.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following

SPA-2001	Spanish Phonetics and Phonology	1
SPA-2003G	Intermediate Spanish I	3
SPA-2013G	Conversational Spanish	3
SPA-2023	Intermediate Spanish II	3

SPA-3000G	Spanish Language Institute Orientation	
aSPA-3003	Spanish Composition	3
aSPA-3023	History & Culture of Latin America	3
SPA-3043G	Literature of the Spanish Language	3
SPA-3073	Spanish Morphology and Syntax	3
ICS-3133	Introduction to Linguistics	3
SPA-4133	Interpretation, Translation, and Spanish Phonetics	3

Content Methods (2)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
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Study Abroad Semester* (16)

SPA-3025	Advanced Spanish Grammar	5
SPA-3035	Advanced Spanish Composition and Conversation	5
SPA-3053	Culture of Spanish America	3
SPA-3063	Spanish-American People: A Sociological View	3

**Coursework taken in association with the Council of Christian Colleges and Universities program at the Instituto de Lengua Española in San Jose, Costa Rica*

Required Education Courses (46)

Examination Requirements

Must score at passing level or higher to receive a grade for student teaching

OAE Assessment of Professional Knowledge Multipage PK-12	Passing Grade
Oral Proficiency Interview (OPI)	Advanced-Low
Writing Proficiency Test (WPT)	Advanced-Low

Total 92 Hours

Spanish for Educators Minor

The Spanish for Educators Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog. The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

This minor is limited to students pursuing a teaching license via one of MVNU's education majors.

Required Courses

Take all of the following

EDU-3063G	Education & Cultural Diversity	3
SPA-1013G	Elementary Spanish I	3
SPA-1023G	Elementary Spanish II	3
SPA-2001	Spanish Phonetics and Phonology	1
SPA-2003G	Intermediate Spanish I	3
SPA-2023	Intermediate Spanish II	3

EDU-3063: taken in Spanish speaking area

Select one of the following courses: (3)

SPA-2013G	Conversational Spanish	3
aSPA-3003	Spanish Composition	3

Total 19 Hours

Music Department

Department Chair, John E. Packard

Faculty

Hwee Been Koh-Baker, PhD

John E. Packard, DA

Robert D. Tocheff, PhD

Elizabeth Barrett, MMus

Music Program Objectives

Students who achieve the objectives of the music education program will:

- integrate and appreciate the musical arts within the concept of liberal arts education by developing aesthetic and cultural concepts;
- demonstrate responsible and effective service to the church and society through music;
- demonstrate the skills and knowledge for entry-level professional activities in music;
- demonstrate the skills and knowledge necessary for graduate study in music; and
- acquire the tools and missional mindset for effective ministry and kingdom building through music in local, regional, and global contexts.

Music Education Program Objectives

Students who achieve the objectives of the music education program will:

- integrate and appreciate the musical arts within the concept of liberal arts education by developing aesthetic and cultural concepts;

- demonstrate responsible and effective service to the church and society through music;
- demonstrate the skills and knowledge for entry-level professional activities in music;
- demonstrate the skills and knowledge necessary for graduate study in music;
- acquire through experience, modeling, and curriculum the tools, strategies, and missional mindset for effective ministry and kingdom building through music in local, regional, and global contexts; and
- demonstrate the skills and knowledge necessary to teach music in elementary and secondary schools effectively.

Music Departmental Programs

Music, A.A.

Required Courses

Take all of the following

MTH-1023G	Basic Structures of Music Theory I	3
MTH-1033	Basic Structures of Music Theory II	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
APM-1000	Piano Proficiency Level I	
APM-1001G	Piano Class I	1
	Applied Music I and II	2
	Applied Music III and IV	2
	Student Recital Laboratory	
	Ensembles	4
MTH-2033	Basic Structures of Music Theory III	3
MTH-2041	Sight Singing/Ear Training III	1
MTH-2043	Basic Structures of Music Theory IV	3
MMA-2001	Introduction to Music Technology	1
MMA-2072	Introduction to Conducting	2
	Music electives	3

Music Electives: Recommended courses include voice, piano and instrumental methods.

Total 30 Hours

Music (General Concentration), B.A.

Required Courses

Take all of the following

MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3

MTH-1033	Basic Structures of Music Theory II	3
MTH-2033	Basic Structures of Music Theory III	3
MTH-2043	Basic Structures of Music Theory IV	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
MTH-2041	Sight Singing/Ear Training III	1
MTH-3043	Music History I	3
MTH-3053	Music History II	3
aMTH-4033	Choral Arranging/Orchestration	3
APM-1001G	Piano Class I	1
APM-1000	Piano Proficiency Level I	
APM-1011	Piano Class II	1
APM-2000	Piano Proficiency Level II	
APM-4000	Senior Recital	
	Applied Music I and II	2
	Applied Music III and IV	2
	Applied Music V and VI	2
	Applied Music VII	1
	Student Recital Laboratory	
	Ensembles	6
MMA-2001	Introduction to Music Technology	1
MMA-2072	Introduction to Conducting	2

Music Electives 5

Select three of the following courses, totaling a minimum of 5 credit hours

APM-1041G	Beginning Voice Class	1
APM-1091G	Guitar Class I	1

Applied Music VIII

aMMA-3002	Introduction to Worship Band	2
aMMA-4012	Advanced Choral Conducting	2
aMMA-4022	Advanced Instrumental Conducting	2
aMMA-4042	Applied Music Pedagogy	2

Students may select only one of the following instrumental methods courses

aMMA-2052	Instrumental Methods: Percussion	2
MMA-2062	Instrumental Methods: Woodwinds	2
aMMA-3062	Instrumental Methods: Brass	2
aMMA-3072	Instrumental Methods: Strings	2

Students may select only one of the following music and worship courses

aMMA-2093	Introduction to Music and Worship	3
aMMA-3093	History of Song and Worship	3

Total 49 Hours

The student with a major in music (general concentration) must complete a minor in another discipline.

Music (Performance Concentration), B.A.**Required Courses**

Take all of the following

MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3
MTH-1033	Basic Structures of Music Theory II	3
MTH-2033	Basic Structures of Music Theory III	3
MTH-2043	Basic Structures of Music Theory IV	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
MTH-2041	Sight Singing/Ear Training III	1
MTH-3043	Music History I	3
MTH-3053	Music History II	3
aMTH-4033	Choral Arranging/Orchestration	3
APM-1001G	Piano Class I	1
APM-1000	Piano Proficiency Level I	
APM-1011	Piano Class II	1
APM-2000	Piano Proficiency Level II	
APM-3000	Junior Recital	
APM-4000	Senior Recital	
	Applied Music I and II	2
	Applied Music III and IV	2
	Applied Music V and VI	3
	Applied Music VII and VIII	3
	Student Recital Laboratory	
	Ensemble	8
MMA-2001	Introduction to Music Technology	1
aMMA-4042	Applied Music Pedagogy	2
MMA-2072	Introduction to Conducting	2

Select one of the following: (2)

aMMA-2052	Instrumental Methods: Percussion	2
MMA-2062	Instrumental Methods: Woodwinds	2
aMMA-3062	Instrumental Methods: Brass	2
aMMA-3072	Instrumental Methods: Strings	2
aMMA-2082	Diction for Singers	2

Select one of the following: (2)

aMMA-4012	Advanced Choral Conducting	2
aMMA-4022	Advanced Instrumental Conducting	2

Total 55 Hours

The student with a major in music (performance concentration) must complete a minor in another discipline.

Music (Music and Worship Concentration), B.A.

The student with a major in Music and Worship must complete a minor in another discipline. The recommended

minor is Worship Ministry in the Christian Ministries Program.

Required Courses

Take all of the following

MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3
MTH-1033	Basic Structures of Music Theory II	3
MTH-2033	Basic Structures of Music Theory III	3
MTH-3033	Applied Music Theory for Contemporary Worship	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
MTH-2041	Sight Singing/Ear Training III	1
aMTH-4033	Choral Arranging/Orchestration	3
MMA-2001	Introduction to Music Technology	1
MMA-2072	Introduction to Conducting	2
aMMA-2093	Introduction to Music and Worship	3
aMMA-3002	Introduction to Worship Band	2
aMMA-3093	History of Song and Worship	3
APM-1041G	Beginning Voice Class	1
APM-1001G	Piano Class I	1
APM-1000	Piano Proficiency Level I	
APM-1091G	Guitar Class I	1
APM-1011	Piano Class II	1
APM-2000	Piano Proficiency Level II	
	Applied Music I and II	2
	Applied Music III and IV	2
	Applied Music V and VI	2
	Applied Music VII	1
APM-4000	Senior Recital	
	Student Recital Laboratory	
MSS-5029	Music Internship	1-6
	Ensembles	7

APM-1041: Required of non-voice applied students.

Select one of the following: (3)

MTH-3043	Music History I	3
MTH-3053	Music History II	3

Select one of the following: (1)

DRA-2031G	Acting Practicum	0-1
ENS-1001G	Music Stage Productions	0-1

Select one of the following: (2)

aMMA-4012	Advanced Choral Conducting	2
aMMA-4022	Advanced Instrumental Conducting	2

Required Cognate Course

COM-1033	Introduction to Video Production	3
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Total 59-60 Hours

Music Education, B.A.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following

MTH-1002G	Music in the Western World	2
MTH-1023G	Basic Structures of Music Theory I	3
MTH-1033	Basic Structures of Music Theory II	3
MTH-2033	Basic Structures of Music Theory III	3
MTH-2043	Basic Structures of Music Theory IV	3
aMTH-4033	Choral Arranging/Orchestration	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
MTH-2041	Sight Singing/Ear Training III	1
MTH-3043	Music History I	3
MTH-3053	Music History II	3
APM-1001G	Piano Class I	1
APM-1000	Piano Proficiency Level I	
APM-1011	Piano Class II	1
APM-2000	Piano Proficiency Level II	
APM-4000	Senior Recital	
MMA-2001	Introduction to Music Technology	1
MMA-2072	Introduction to Conducting	2
aMMA-2052	Instrumental Methods: Percussion	2
MMA-2062	Instrumental Methods: Woodwinds	2
aMMA-3062	Instrumental Methods: Brass	2
aMMA-3063	Music in Childhood: Preschool Through Elementary Years	3
aMMA-3072	Instrumental Methods: Strings	2
	Ensembles	7
	Applied Music I and II	2
	Applied Music III and IV	2
	Applied Music V and VI	2
	Applied Music VII	1
	Student Recital Laboratory	

Ensembles, Applied Music: Students must accrue 7 hours of both Ensembles and Applied Study and must be registered for each in every semester except when student teaching.

Content Methods 2

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
aMMA-4002	Content Area Teaching Methods in Music	2

Select one of the following: (1)

APM-1021G	Private Keyboard	0.5-2
APM-1041G	Beginning Voice Class	1

APM-1021: secondary applied music for vocal concentration

APM-1041: secondary applied music for instrumental concentration

Select one of the following: (2)

aMMA-4012	Advanced Choral Conducting	2
aMMA-4022	Advanced Instrumental Conducting	2

MMA-4012: required for vocal concentration

MMA-4022: required for instrumental concentration

Select one of the following: (2)

aMMA-2082	Diction for Singers	2
aMMA-2032	Marching Band Methods I	2
aMMA-3082	Applied Music Literature	2
aMMA-4042	Applied Music Pedagogy	2
aMMA-4012	Advanced Choral Conducting	2
aMMA-4022	Advanced Instrumental Conducting	2

MMA-4012: elective for instrumental majors only

MMA-4022: elective for voice majors only

Required Education Courses (45)

Total 109 Hours

Commercial Performing Artist Minor

Applied Music: Beginning Voice Class, Guitar Class, and/or Applied Instruction in one area	3
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Contemporary Music Center - Artist Concentration (Nashville, TN, offered through CCCU)

Faith, Music, and Culture	3
Inside the Music Industry	3
Practicum: "CMC Tour"	1

Artist Concentration:

Essentials of Song Writing	3
Studio Recording	3
Performance	3

Total 19 Hours

This program requires that the student apply to, be accepted by, and complete the Contemporary Music Center - Artist Concentration program of the Council for Christian College and Universities. The CMC is in Nashville, TN. It is recommended that students undertake this program of

study during the spring semester of either the junior or senior year. Application must be completed in the year prior.

Music Minor

Required Courses

Take all of the following

MTH-1023G	Basic Structures of Music Theory I	3
MTH-1033	Basic Structures of Music Theory II	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
APM-1001G	Piano Class I	1
	APM-1001 Piano Class I (second semester)*	1
MMA-2072	Introduction to Conducting	2
	Music electives	3
	Applied Music	2
	Ensembles	2

Total 18-19 Hours

*If the Level I piano proficiency is completed within one semester of APM-1001, then the second semester of piano class is waived.

Worship Music Minor

Required Courses

Take all of the following

MTH-1023G	Basic Structures of Music Theory I	3
MTH-1033	Basic Structures of Music Theory II	3
MTH-1041	Sight Singing/Ear Training I	1
MTH-1051	Sight Singing/Ear Training II	1
MMA-2001	Introduction to Music Technology	1
MMA-2072	Introduction to Conducting	2
aMMA-2093	Introduction to Music and Worship	3
aMMA-3002	Introduction to Worship Band	2
	Applied Music	2
	Ensembles	2

Applied Music: Students who choose voice to meet the applied music requirement do not need to take the additional "select one" hour of voice.

Select one of the following (1)

APM-1001G	Piano Class I	1
	AND	
APM-1000	Piano Proficiency Level I	
APM-1091G	Guitar Class I	1
	AND	
APM-1090	Guitar Proficiency Level I	

Select one of the following (0-1)

APM-1041G	Beginning Voice Class	1
APM-1061	Private Voice	0.5-2

APM-1061: admitted by audition

Total 20-21 Hours

Special Music Requirements

1. Ensemble requirements:

- Vocal or keyboard applied – at least 4 hours in choral ensembles.
- Instrumental music education or general music concentration – all required hours in instrumental ensembles.
- Instrumental Music and Worship concentration – minimum 5 hours in instrumental ensembles and minimum 2 hours in choral ensembles.

2. Secondary applied requirements for Music Education majors:

- Instrumental and keyboard concentration – 1 hour in voice.
- Vocal concentration – 1 hour in keyboard beyond piano class.

3. Conducting requirements:

- Instrumental general music, performance or music education – MMA-4022 Advanced Instrumental Conducting.
- Keyboard general music, performance or music education – MMA-4022 Advanced Instrumental Conducting or MMA-4012 Advanced Choral Conducting.
- Vocal general music, performance or music education – MMA-4012 Advanced Choral Conducting.
- Music and Worship major – MMA-4012 Advanced Choral Conducting recommended.

4. All music majors must take one ensemble each semester of enrollment with the exception of the semester of student teaching. At least two of these semesters must be in an ensemble that is varied in size and nature from the primary ensemble.

5. All music majors must successfully complete both levels of the piano proficiency examination. The piano proficiency requirement must be met in its entirety by

the end of the fall or spring term prior to student teaching or internship placement. No music major is recommended for approval to student teaching until the piano proficiency requirement is satisfied. Music majors are required to pass the final playing exam during the semester they finish the blue sheet; or, if that is at the very end of the semester, it must be completed before mid-term of the next semester. Failure to do this will result in the student being required to register for piano class in the following semester in order to complete the requirement.

6. Sophomore level in applied music must be achieved prior to enrolling in applied instruction at the 2000 level.
7. Junior level in applied music must be achieved prior to enrolling in applied instruction at the 3000 level or above.
8. All required applied music hours must be taken in one applied area (e.g., piano, trumpet, voice, etc.).

Exception: Composition applied students follow requirement (14).

9. All music majors must present a senior recital of solo literature (30 minutes minimum duration). A junior recital is required in the performance concentration. The junior recital is optional in all other concentrations, pending recommendation of the applied music instructor and approval of the recital preview committee.
10. Junior level in the recital area is required for the junior or senior recital.
11. Failure to achieve sophomore or junior level in applied study after two attempts will result in denial of higher level applied study and, therefore, the inability to satisfy applied requirements of a music major. If such a scenario occurs and the student desires, he or she may appeal first to the department chair, then to the dean of the School of Arts and Humanities.
12. All students desiring to complete the performance music concentration must audition into the concentration. At the time of audition, the student must have no grade lower than a "C-" in all music courses completed. A student on academic probation is ineligible to audition regardless of grades in music courses. The performance music concentration requires the successful completion of a junior half-recital and a senior full recital.
13. All students desiring to complete the music major with composition applied must meet the following prerequisites and requirements:

- a. Prerequisites for beginning study in composition include successful completion of the first-year sequence in music theory, the first-year sequence in sight singing and ear training, the first-year piano class sequence, 2 credits in applied music, 2 credits in ensembles, and MTH-1002 Music in the Western World.
- b. Requirements for completion of composition applied include 2 credits in APM-2031, junior level jury, 2 credits in APM-3031, 2 credits in APM-4031 and APM-4000 senior recital in composition.

14. All applied students, with the exception of non-music majors or minors, are required to participate in the department's performance lab program as well as regular applied studio sessions. Specific performance and attendance requirements are established by the applied instructor.
15. A student is required to take two semesters at each level of applied study in a particular area before advancing, regardless of the credit hours accrued; e.g., one semester at 2 credit hours does not permit the student to move to the next level, regardless of degree credit hour requirements.

School of Christian Ministry

Dean, Douglas Van Nest

Christian Ministry Programs

Faculty

Douglas Van Nest, DMin

Michael Van Zant, PhD

Christian Ministry, B.A.

Students majoring in Christian Ministry are required to take and achieve a C- or better in BIB-1003G Old Testament History and Literature, BIB-1013G New Testament History and Literature, and THE-3003G Christian Beliefs and Convictions in order to fulfill the Foundations component of the General Education Core.

Required Courses

Take all of the following:

BIB-2013	Biblical Interpretation	3
BIB-2033	Theology and Language of the Bible	3
CHH-3013	Christian Heritage I	3
CHH-3053	Christian Heritage II	3
MIN-2013	Spiritual Formation and Discipleship	3
MIN-3012	Ministry in Diverse Contexts	2
MIN-3023	Educational and Family Ministries	3
MIN-3033	Mission and Evangelism	3
MIN-3043	Preaching and Worship	3
MIN-3089	Supervised Ministry Practicum	0.5-6
MIN-4013	Missional Church Leadership	3
MIN-4053	Pastoral Theology and Practice	3
MIN-5029	Senior Ministry Internship	1-6
THE-3022	Doctrine of Christian Holiness	2
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

MIN-3089: Offered for 0.5 credit hours; A minimum of 1 credit hour must be earned; repeatable up to 4 hours.

MIN-5029: Offered for variable credit; a minimum of 2 credit hour must be earned.

Take three hours from each of the following:

	Old Testament elective (selected from courses numbered 3000 or above)	3
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	New Testament elective (selected from courses numbered 3000 or above)	3
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Total 49 Hours

It is recommended that students in the B.A. in Christian Ministry major complete another major, minor, or concentration.

*Students seeking ordination in the Church of the Nazarene must have a certificate verifying graduation from a validated course of study. To receive the certificate, a student must complete the Christian Ministry B.A. plus one additional course, MIN-2022 History and Polity of the Church of the Nazarene.

Christian Ministry Concentrations

Any student who wishes to complete one of the following concentrations must also complete the Christian Ministry, B.A.

Community Development Concentration

Required Concentration Courses

Take all of the following:

MIN-2012	Transformational Ministry	2
PHI-3033	Social Justice	3
POL-3033	Public Policy	3
SWK-2003G	Cultural and Human Diversity	3
	Any course from the Crossing Cultures electives in the General Education Core	1-4

Note: The Crossing Cultures elective must be taken for a minimum of one credit hour. Taking ITD-1009G for zero credit hours does not fulfill this requirement.

Total 12-15 Hours

Intercultural Studies Concentration

Required Concentration Courses

Take all of the following:

alCS-2003G	Introduction to Cultural Anthropology	3
ICS-3013	Gospel and Culture	3
MIN-2012	Transformational Ministry	2
	Any course from the Crossing Cultures electives in the General Education Core	1-4

Note: The Crossing Cultures elective must be taken for a minimum of one credit hour. Taking ITD-1009G for zero credit hours does not fulfill this requirement.

Select one of the following: (3)

aPHI-2063G	World Religions	3
PHI-2073G	Chinese & Islamic Philosophy	3

Total 12-15 Hours

Pastoral Ministry Concentration

Required Concentration Courses

Take all of the following

MIN-4063	Preaching in the Contemporary Context	3
MIN-4083	Ethical Ministry and Leadership	3
PMI-3033	Worship in the Christian Tradition	3

Select one of the following: (3)

PHI-2023	Classical and Christian Philosophy	3
PHI-3053	Modern & Contemporary Philosophy	3

Total 12 Hours

Urban Ministry Concentration

Required Concentration Courses

Take all of the following:

MIN-2012	Transformational Ministry	2
PMI-3023	Urban Ministry and Evangelism	3
THE-4073	Theology of the City	3
	Any course from the Crossing Cultures electives in the General Education Core	1-4

Note: The Crossing Cultures elective must be taken for a minimum of one credit hour. Taking ITD-1009G for zero credit hours does not fulfill this requirement.

Select one of the following: (3)

aICS-2003G	Introduction to Cultural Anthropology	3
PHI-3033	Social Justice	3

Total 12-15 Hours

Youth and Family Ministries Concentration

Required Concentration Courses

Take all of the following:

CED-3032	Church and Family Recreation	2
MIN-3053	Pastoral Care of Youth and Children	3

Select one of the following (3)

PSY-3053	Social Psychology	3
PSY-3073	Psychology of Childhood and Adolescence	3

Select one of the following: (3)

CED-3013	Missional Strategies in Youth Ministry	3
aCED-3033	Missional Strategies in Children's Ministries	3

Select one of the following (0)

CED-3010	Youth Ministries Workshop	
aCED-3030	Children's Ministries Workshop	

Total 11 Hours

Children's Ministry Minor

Required Courses

Take all of the following

BIB-2013	Biblical Interpretation	3
aCED-3030	Children's Ministries Workshop	
CED-3032	Church and Family Recreation	2
aCED-3033	Missional Strategies in Children's Ministries	3
MIN-2013	Spiritual Formation and Discipleship	3
MIN-3043	Preaching and Worship	3
MIN-3053	Pastoral Care of Youth and Children	3
MIN-3089	Supervised Ministry Practicum	0.5-6
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

MIN-3089: A minimum of 1 credit hour must be earned.

Total 24 Hours

Christian Ministry Minor

Required Courses

Take all of the following

BIB-2013	Biblical Interpretation	3
MIN-2013	Spiritual Formation and Discipleship	3
MIN-3023	Educational and Family Ministries	3
MIN-3043	Preaching and Worship	3
MIN-3089	Supervised Ministry Practicum	0.5-6
MIN-4053	Pastoral Theology and Practice	3
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

MIN-3089: A minimum of 1 credit hour must be earned.

Total 22 Hours

Youth Ministry Minor

Required Courses

Take all of the following

BIB-2013	Biblical Interpretation	3
CED-3010	Youth Ministries Workshop	
CED-3013	Missional Strategies in Youth Ministry	3
CED-3032	Church and Family Recreation	2
MIN-2013	Spiritual Formation and Discipleship	3
MIN-3043	Preaching and Worship	3
MIN-3053	Pastoral Care of Youth and Children	3
MIN-3089	Supervised Ministry Practicum	0.5-6
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

MIN-3089: A minimum of 1 credit hour must be earned.

Total 24 Hours

Intercultural Studies (Missions) Program

Program Coordinator, C. Jeanne Serrão

Faculty

C. Jeanne Serrão, PhD

Intercultural Studies, B.A.

(This program is intended for students with interest in working with missions programs in intercultural settings.)

Required Courses

Take all of the following

MIN-2012	Transformational Ministry	2
MIN-2013	Spiritual Formation and Discipleship	3
MIN-2000	Ministry Seminar II	0.5
MIN-3000	Ministry Seminar III	0.5
MIN-4000	Ministry Seminar IV	0.5
MIN-4033	The Missional Church	3

Required Religion Courses

BIB-1003G	Old Testament History & Literature	3
BIB-1013G	New Testament History & Literature	3
THE-3003G	Christian Beliefs & Convictions	3

Select one of the following:

aPHI-2063G	World Religions	3
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PHI-2073G	Chinese & Islamic Philosophy	3
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Intercultural Studies Core Courses

ICS-1013	Foundations of Missions	3
aICS-2003G	Introduction to Cultural Anthropology	3
aICS-2042G	Global Diversity and Intercultural Understanding	2
ICS-3023	History of World Christian Movements	3
ICS-3013	Gospel and Culture	3
ICS-3022	Cross-Cultural Life & Work	2
ICS-3133	Introduction to Linguistics	3
MLA-1019G	Modern Language Studies	1-4

Intercultural Experience

ICS-3089G	Intercultural Practicum	2-6
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Total 46-50 Hours

Students must select one of the following concentrations if they are not enrolled in a minor or second major in order to complete the program. Students with a major in intercultural studies are also required to study abroad for one semester.

Intercultural Studies Concentrations

Biblical and Theological Teaching Concentration

Required Courses

CED-2053	Teaching the Bible: Curriculum & Methods	3
	OR	
BIB-2053	Teaching the Bible: Curriculum and Methods	3
BIB-2013	Biblical Interpretation	3
BLA-2003	Beginning New Testament Greek I	3
	Upper division New Testament Course	3
	Upper division Old Testament Course	3
CHH-3013	Christian Heritage I	3
CHH-3053	Christian Heritage II	3
THE-3013	Doctrine of Christian Holiness	3
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

Select one of the following: (3)

THE-4073	Theology of the City	3
PHI-3093	Philosophy of Religion	3

Total 33 hours for concentration

Church Ordination Concentration

This concentration in conjunction with the Intercultural Studies major core is a validated course toward ordination in the Church of the Nazarene.

Required Courses

BIB-2013	Biblical Interpretation	3
	Upper Division Bible Class	3
CED-3003	Educational Ministries in the Church	3
CHH-3013	Christian Heritage I	3
CHH-3053	Christian Heritage II	3
PMI-3043	Homiletics	3
PMI-4003	Pastoral Leadership and Administration	3
PMI-4023	Pastoral Care and Counseling	3
THE-3013	Doctrine of Christian Holiness	3
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

Select one of the following: (3)

CHH-4053	History of the Church of the Nazarene	3
CHH-4063	Studies in Modern Denominational History	3

Note: CHH-4053 History of the Church of the Nazarene is required for Nazarenes pursuing the ordination education certificate.

Total 36 hours for concentration

Communication Studies Concentration**Required Courses**

COM-1023G	Public Speaking	3
COM-2003G	Small Group Communication	3

Select three of the following: (9)

COM-1043	Introduction to Film and Television Arts	3
COM-1033	Introduction to Video Production	3
COM-2063	Introduction to Radio Performance	3
COM-2123	Mass Media Writing I	3
DRA-4013G	Directing and Producing for Theatre	3

Select a minimum of four of the following: (8-12)

DRA-2031G	Acting Practicum	0-1
	AND	
DRA-3031G	Stagecraft Practicum	0-1
COM-2072	Radio Production	2
COM-2103	Advanced Video Production and Performance	3
aCOM-3103	Video Directing and Producing	3
COM-3123	Mass Media Writing II	3
COM-3132	Digital Media Practicum - Video	0-2
GRD-1013G/ ART 1013G	Design Foundations	3

Total 23-27 hours for concentration

Business Administration Concentration**Required Courses**

ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ABT-2013	Spreadsheet Applications in Business	3
MAN-2003	Principles of Management	3
aMAN-3103	Management of Nonprofit Organizations	3
aMAN-3063	Leadership	3
	Choose three courses from Applied Business Technology or Management courses	9

Total 27 hours for concentration

Political Science Concentration

The Political Science concentration is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The concentration will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

POL-1003G	American Politics & Government	3
POL-1013G	Comparative Politics & Government	3
POL-2073	Political Thought	3
POL-3033	Public Policy	3
aPOL-3113	International Relations	3

Select three of the following: (9)

ECO-1033	Principles of Macroeconomics	3
aHIS-3043	Modern America	3
PHI-3033	Social Justice	3
POL-3043	Constitutional Law	3
POL-3103	War and Peace	3

Select two of the following: (6)

aHIS-3063	History of Modern Russia	3
aHIS-3093G	History of the Modern Middle East	3
aSPA-3023	History & Culture of Latin America	3

Total 30 hours for concentration

Teaching English to Speakers of Other Languages – Modern Language Concentration**Required Courses**

CRW-2143G	Creative Writing	3
ENG-4063	English Grammars	3
aTSL-4071	TESOL Practicum	1
aTSL-4003	TESOL: Curriculum, Instruction, and Assessment	3

Complete one of the following: (16-18)

	English Minor	18
	Spanish Minor	16

Total 27-28 hours for concentration

Intercultural Studies Minor

Required Courses

Take the following course:

alCS-2003G	Introduction to Cultural Anthropology	3
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Select one of the following: (3)

ICS-1013	Foundations of Missions	3
ICS-3023	History of World Christian Movements	3

Select one of the following: (3)

ICS-3013	Gospel and Culture	3
aPHI-2063G	World Religions	3
PHI-2073G	Chinese & Islamic Philosophy	3

Select one of the following: (2)

alCS-2042G	Global Diversity and Intercultural Understanding	2
ICS-3022	Cross-Cultural Life & Work	2

Select one of the following: (3)

ICS-3133	Introduction to Linguistics	3
MLA-1019G	Modern Language Studies	1-4

Select one of the following: (2)

MIN-2012	Transformational Ministry	2
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Total 16 Hours

Intercultural Studies Minor (Semester Abroad Alternative)

Required Courses

Required on-campus courses

alCS-2003G	Introduction to Cultural Anthropology	3
ICS-3022	Cross-Cultural Life & Work	2

Select one of the following: (3)

ICS-1013	Foundations of Missions	3
ICS-3013	Gospel and Culture	3

Required courses taught abroad:

alCS-2042G	Global Diversity and Intercultural Understanding	2
MLA-1019G	Modern Language Studies	1-4
ICS-3089G	Intercultural Practicum	2-6

Total 18 Hours

Christian Ministry and Intercultural Studies General Program Notes:

Students who transfer into a Christian Ministry or Intercultural Studies major having already taken BIB-1014G The Narrative of Scripture, BIB1004G History and Faith of the Biblical Communities or aBIB-2084G History and

Geography of Biblical Lands must complete another biblical literature course to satisfy general education bible requirements. Those with a "B-" grade or above may choose between BIB-1003G Old Testament History and Literature, BIB-1013G New Testament History and Literature, or an upper division biblical literature course. Those with a "C+" grade or below must complete BIB-1003G Old Testament History and Literature or BIB-1013G New Testament History.

Students may not substitute required courses in Christian Ministry or Intercultural Studies numbered 2000 or above from another institution (transient student transfer credit, online courses, etc.) without written permission from the school dean*.

*Current students are strongly encouraged to get permission prior to taking a course from another college or university.

Religion Programs

Philosophy Program

Program Coordinator, Lincoln B. Stevens

Faculty

Lincoln B. Stevens, PhD

Program Objectives

The courses and curriculum of the philosophy program are designed to achieve the following student outcomes:

- demonstrate knowledge of and proficiency in the disciplines of philosophy, including logic, ethics, epistemology, metaphysics, and the philosophy of religion;
- articulate the influential ideas of the historically important philosophers and philosophical movements;
- exhibit a love of philosophical learning and the love of Christian service through philosophical research and writing;
- articulate a Christian philosophical worldview;
- analyze philosophical claims in terms of their meaning and implications;
- critique philosophical theories and beliefs in terms of their justification;
- exhibit proficiency in defending philosophical truth claims and systems of thought;

- integrate knowledge of philosophy with other disciplines; and
- evidence the knowledge and skills necessary to pursue graduate studies in philosophy, religion, and law as well as careers in university teaching, government, law business, publishing, Christian apologetics, and Christian ministry.

Philosophy, B.A.

The Philosophy, B.A. program is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog, pending the graduation of all students currently in the program.

Standard Concentration

Required Courses

PHI-2013G	Love, Justice, and the Good Life	3
PHI-2023	Classical and Christian Philosophy	3
aPHI-2063G	World Religions	3
PHI-2073G	Chinese & Islamic Philosophy	3
PHI-3023	Introduction to Logic	3
PHI-3033	Social Justice	3
PHI-3053	Modern & Contemporary Philosophy	3
PHI-3093	Philosophy of Religion	3
PHI-4013	Aesthetics and Post-Modern Art	3

Select one of the following: (1-4)

PHI-4001	Philosophical Research and Writing	1
HON-4099	Honors Project	1-3

Total 28-31 Hours

The student in the Standard Philosophy Concentration is required to complete a major or minor in another discipline.

Pre-Law Concentration

Required Courses

CJU-1003	Introduction to Criminal Justice	3
CJU-3003	Criminal Law and Procedures	3
MAN-3003	Business Law I	3
PHI-2013G	Love, Justice, and the Good Life	3
PHI-2023	Classical and Christian Philosophy	3
aPHI-2063G	World Religions	3
PHI-2073G	Chinese & Islamic Philosophy	3
PHI-3023	Introduction to Logic	3
PHI-3033	Social Justice	3

PHI-3053	Modern & Contemporary Philosophy	3
PHI-3093	Philosophy of Religion	3
PHI-4013	Aesthetics and Post-Modern Art	3

Select one of the following: (1-3)

PHI-4001	Philosophical Research and Writing	1
HON-4099	Honors Project	1-3

Select three of the following American Politics and Government courses: (9)

HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3043	Modern America	3
POL-1003G	American Politics & Government	3
POL-3033	Public Policy	3
POL-3043	Constitutional Law	3

Required Cognate Courses

ACC-2053	Principles of Accounting I	3
ECO-1033	Principles of Macroeconomics	3
MAT-2063G	Introduction to Statistics	3

Select one of the following: (3)

PSY-1013G	General Psychology	3
PSY-3053	Social Psychology	3
SOC-1013G	Introduction to Sociology	3

Total 60-63 Hours

Christian Apologetics Minor

The Christian Apologetics Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog. The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

PHI-2013G	Love, Justice, and the Good Life	3
aPHI-2063G	World Religions	3
PHI-3023	Introduction to Logic	3
PHI-3093	Philosophy of Religion	3

Select one of the following: (3)

PHI-3033	Social Justice	3
PHI-3053	Modern & Contemporary Philosophy	3

Total 15 Hours

Philosophy Minor

The Philosophy Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog.

The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

PHI-2013G	Love, Justice, and the Good Life	3
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Select one of the following: (3)

PHI-2023	Classical and Christian Philosophy	3
PHI-3053	Modern & Contemporary Philosophy	3

Select three of the following: (9)

aPHI-2063G	World Religions	3
PHI-2073G	Chinese & Islamic Philosophy	3
PHI-3023	Introduction to Logic	3
PHI-3033	Social Justice	3
PHI-3093	Philosophy of Religion	3

Total 15 Hours

Pre-Law Philosophy Minor

The Pre-Law Philosophy Minor is no longer available to students declaring a minor, beginning with the 2019-2020 Catalog. The minor will be removed from the Catalog, pending the graduation of all students currently in the program.

Required Courses

Take all of the following

PHI-2013G	Love, Justice, and the Good Life	3
PHI-2073G	Chinese & Islamic Philosophy	3
PHI-3023	Introduction to Logic	3
PHI-3033	Social Justice	3

Select one of the following: (3)

PHI-2023	Classical and Christian Philosophy	3
PHI-3053	Modern & Contemporary Philosophy	3

Total 15 Hours

Religion Program

Program Coordinator, Eric Vail

Faculty

C. Jeanne Serrão, PhD
Eric M. Vail, PhD
Michael Van Zant, PhD

Program Objectives

- Analyze the intellectual content of the biblical and theological heritage of the Wesleyan holiness tradition within the global expanse of the Christian church.
- Demonstrate competence in studying, analyzing, applying, and communicating biblical, historical, and theological concepts in a variety of fields and contexts.
- Exemplify Christian character through the development of heart, mind, and actions.
- Demonstrate thoughtfulness regarding context in analyzing, applying, and communicating biblical, historical, and theological bases of the Christian faith.

Religion, B.A.

Students majoring in Religion are required to take and achieve a C- or better in BIB-1003G Old Testament History and Literature, BIB-1013G New Testament History and Literature, and THE-3003G Christian Beliefs and Convictions in order to fulfill the Foundations component of the General Education Core.

Required Courses

Take all of the following:

BIB-2013	Biblical Interpretation	3
BIB-2033	Theology and Language of the Bible	3
CHH-3013	Christian Heritage I	3
CHH-3053	Christian Heritage II	3
ICS-3013	Gospel and Culture	3
MIN-2013	Spiritual Formation and Discipleship	3
PHI-2023	Classical and Christian Philosophy	3
THE-3022	Doctrine of Christian Holiness	2
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3

Biblical Literature electives: (3)

	Biblical literature elective (Select from courses numbered 3000 or above.)	3
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Total 32 Hours

It is recommended that students in the B.A. in Religion major complete another major, minor, or concentration.

Religion Concentrations

Any student who wishes to complete one of the following concentrations must also complete the Religion, B.A.

Bible and Archaeology Concentration

Required Concentration Courses

Take all of the following:

aBIB-2083G	History & Geography of Biblical Lands	3
aBIB-3113	Biblical Archaeological Field Work	3
	Upper division New Testament Course	3
	OR	
	Upper division Old Testament Course	3

Note: Upper division OT or NT course must be whichever was not previously taken as part of the major.

Total 9 Hours

Bible and Theology Concentration

Required Concentration Courses

Take all of the following:

	New Testament elective (selected from courses numbered 3000 or above)	3
	Old Testament elective (selected from courses numbered 3000 or above)	3
PHI-3053	Modern & Contemporary Philosophy	3

Select three credits from the following: (3)

aTHE-4099	Seminar in Theology	1
THE-5019	Independent Study in Theology	1-4

A total of six (6) hours of upper-division Biblical Literature courses are required for the above concentration, with three (3) hours coming from OT and three (3) hours coming from NT. The course taken as the Biblical Literature elective in the Religion B.A does not count toward the concentration requirement.

Total 12 Hours

Religion Minors

Those majoring in Christian Ministry or Religion may not minor in Bible, Bible and Archaeology, or Religion due to the inability to earn 12 unduplicated credit hours.

Bible Minor

Required Courses

Take all of the following:

BIB-2013	Biblical Interpretation	3
BIB-2033	Theology and Language of the Bible	3

PHI-2023	Classical and Christian Philosophy	3
	Old Testament elective (selected from courses numbered 3000 or above)	3
	New Testament elective (selected from courses numbered 3000 or above)	3

Total 15 Hours

Bible and Archaeology Minor

Required Courses

Take all of the following:

BIB-2013	Biblical Interpretation	3
BIB-2033	Theology and Language of the Bible	3
aBIB-2083G	History & Geography of Biblical Lands	3
aBIB-3113	Biblical Archaeological Field Work	3
	New Testament elective (selected from courses numbered 3000 or above)	3
	Old Testament elective (selected from courses numbered 3000 or above)	3

Total 18 Hours

Completion of this minor requires traveling internationally with MVNU at an additional cost in order to participate in a summer archaeological dig.

Religion Minor

Required Courses

Take all of the following:

BIB-2013	Biblical Interpretation	3
CHH-3013	Christian Heritage I	3
CHH-3053	Christian Heritage II	3
THE-4003	Christian Theology I	3
THE-4013	Christian Theology II	3
	Old Testament elective (selected from courses numbered 3000 or above)	3
	OR	
	New Testament elective (selected from courses numbered 3000 or above)	3

Total 18 Hours

Religion General Program Notes:

General Program Note: Students who transfer into a Religion major having already taken BIB-1014G The Narrative of Scripture must complete another biblical

literature course to satisfy general education bible requirements. Those with a "B-" grade or above may choose between BIB-1003G Old Testament History and Literature, BIB-1013G New Testament History and Literature, or an upper division biblical literature course. Those with a "C+" grade or below must complete BIB-1003G Old Testament History and Literature or BIB-1013G New Testament History and Literature.

Students may not substitute religion or philosophy courses numbered 2000 or above from another institution (transient school, transfer credit, online courses, etc.) without securing written permission from the school dean. Current students are strongly encouraged to get permission prior to taking courses from other colleges or universities.

Dual Graduate Credit - Christian Ministry

Any undergraduate student who is currently enrolled in a baccalaureate degree from the School of Christian Ministry, and who is within the final twenty (20) credit hours needed to graduate, will be permitted to complete two (2) Master of Ministry graduate courses for MVNU dual credit, totaling no more than six (6) credit hours, based upon the following criteria:

1. A student who has a cumulative GPA of 3.50 or higher will receive unconditional approval to complete graduate courses for dual credit.
2. A student who had a cumulative GPS of 3.00-3.49 will be considered for approval pending review of a letter of recommendation from an undergraduate instructor. This letter should list each ministry/religion course(s) taught by the recommending instructor that the student has completed to date, the student's overall academic performance in those courses, and the instructor's view of the student's ability to successfully complete advanced coursework at the graduate level.
3. A student with a GPA under 3.00 will not be approved to complete graduate courses for dual credit unless unforeseen or extreme, extenuating circumstances have had a significant, negative impact on the student's overall undergraduate academic performance. In this case, the student must submit a detailed letter to the Dean of the School of Christian Ministry that explains these negative effects in greater detail, and that also discussed how the student now intends to successfully complete coursework at the graduate level.

Graduate courses that an approved student may complete for dual credit include the following:

Dual Credit Options:

BIBL-6003	Biblical Hermeneutics	3
MINS-6033	The Church in the Twenty-First Century	3
PGRW-6003	The Pastor as a Person	3
PRWP-6023	Contemporary Approaches to Preaching	3
THEO-6013	Contemporary Theological Issues	3
THEO-6023	Doctrine of Holiness	3

Jetter School of Professional Studies

Dean, Melanie A. Timmerman

Business Department

Faculty

Timothy G. Chesnut, MBA, CPA
 James D. Dalton, EdD, CPA
 Kevin E. Hughes, PhD
 Judy R. Madtes, MBA
 Kelly R. Rush, DBA, CFP®, CKA®
 Mark A. Shoaf, PhD
 Paul P. Swanson, MA
 Melanie A. Timmerman, JD, MBA

Business Departmental Programs

All prerequisites for Business Department courses require a grade of "C-" or better. The general education requirements for all business majors earning baccalaureate degrees include the following prescribed courses: Introduction to Statistics, Organizational Behavior, and International Business Operations.

Accounting, B.S.

Upon completing the Bachelor of Science in Accounting degree, students will be able to:

- Explain the interrelationships of the functional business areas within organizations;
- Articulate the impact of personal and professional integrity upon organizational decision making in light of Biblical truths;
- Apply critical thinking skills;
- Model effective oral and written communication skills;
- See the value and participate in professional development, service, and/or multi-cultural activities;
- Demonstrate proficiency in financial reporting and management decision making.
 Students earning a Bachelor of Science in Accounting are not required to have a minor or concentration. A minimum of 120 credit hours are required for the degree. Please note that Ohio requires a Certified Public Accountant (CPA) candidate to have acquired 150 credit hours to sit for the CPA exam. Students desiring to obtain the full

150 credit hours while a student at MVNU have the option to double-major, or to earn either the Dual Master of Science in Management or the Dual Master of Business Administration degree along with the Bachelor of Science in Accounting under the 4+1 program.

All required accounting courses numbered 3000 or above must be completed at MVNU unless approved in advance by the accounting faculty.

Required Courses

Required Business Core

ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ACC-4013	Accounting Ethics	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAN-4033	Strategic Planning	3
MAR-2033	Principles of Marketing	3

Required Major Courses

ABT-3013	Database Applications in Business	3
aACC-3033	Individual Income Tax	3
aACC-3043	Cost Accounting I	3
ACC-3063	Intermediate Accounting I	3
ACC-3073	Intermediate Accounting II	3
aACC-4053	Auditing Concepts and Practices	3
aACC-4073	Advanced Tax Accounting	3
aACC-4083	Advanced Accounting I	3
aACC-4103	Advanced Accounting II	3
ACC-5029	Accounting Internship	1-6
MAN-3013	Business Law II	3
MAT-2063G	Introduction to Statistics	3

Total 73-78 Hours

Business Administration, A.A.S.

Upon completing the Associate of Applied Science in Business degree, students will be able to explain the interrelationships of the functional business areas within the organization.

Required Courses

Take all of the following

ABT-2013	Spreadsheet Applications in Business	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-2033	Principles of Microeconomics	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAR-2033	Principles of Marketing	3

Select Elective Business Courses

	Business electives	9
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Total 30 Hours

Business Administration, B.A.

Upon completing the Bachelor of Arts in Business Administration degree, students will be able to:

- Explain the interrelationships of the functional business areas within organizations;
- Articulate the impact of personal and professional integrity upon organizational decision making in light of Biblical truths;
- Apply critical thinking skills;
- Model effective oral and written communication skills;
- See the value and participate in professional development, service, and/or multi-cultural activities.

Students earning a Bachelor of Arts in Business Administration degree must complete the required General Education Core, the required business core and a minor (either within the Business Department or from another area within the University) or a second major (which must be outside the Business Department). No second major from within the Business Department may be added to the Bachelor of Arts in Business Administration degree. A minimum of 120 credit hours are required for the degree.

Required Business Core

Take all of the following

ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3

MAN-3003	Business Law I	3
MAN-3083G	Organizational Behavior	3
MAN-4013	Business Ethics	3
MAN-4033	Strategic Planning	3
MAR-2033	Principles of Marketing	3

Required Cognate Courses

MAT-2063G	Introduction to Statistics	3
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Select one of the following: (3-4)

MAT-1023G	Precalculus Mathematics	3
MAT-1034G	Calculus I	4

Total 48-49 Hours

Finance, B.S.

Upon completing the Bachelor of Science in Finance degree, students will be able to:

- Explain the interrelationships of the functional business areas within organizations;
- Articulate the impact of personal and professional integrity upon organizational decision making in light of Biblical truths;
- Apply critical thinking skills;
- Model effective oral and written communication skills;
- See the value and participate in professional development, service, and/or multi-cultural activities;
- Summarize core theories and practices of the finance discipline.

Students earning a Bachelor of Science in Finance must complete the required General Education Core, the required business core, and the required major area courses. Students must also complete a minor, or a double-major with a minimum of 12 unique hours not duplicated within the major. A minimum of 120 credit hours are required for the degree.

Required Courses**Required Business Core**

ABT-2013	Spreadsheet Applications in Business	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAN-3083G	Organizational Behavior	3

MAN-4013	Business Ethics	3
MAN-4033	Strategic Planning	3
MAR-2033	Principles of Marketing	3

Required Major Courses

ABT-3013	Database Applications in Business	3
aFIN-3083	Principles of Investment	3
aFIN-3103	Financial Markets & Institutions	3
aFIN-4063	Intermediate Financial Management I	3
aFIN-4073	Intermediate Financial Management II	3
MAN-3013	Business Law II	3

Required Cognate Courses

MAT-2063G	Introduction to Statistics	3
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Select one of the following: (3-4)

MAT-1023G	Precalculus Mathematics	3
MAT-1034G	Calculus I	4

Total 63-64 Hours

Management, B.S.

Upon completing the Bachelor of Science in Management degree, students will be able to:

- Explain the interrelationships of the functional business areas within organizations;
- Articulate the impact of personal and professional integrity upon organizational decision making in light of Biblical truths;
- Apply critical thinking skills;
- Model effective oral and written communication skills;
- See the value and participate in professional development, service, and/or multi-cultural activities;
- Integrate the principles of planning, organizing, influencing, leading, and controlling to prepare students for a rapidly changing and competitive global marketplace.

Students earning a Bachelor of Science in Management must complete the required General Education Core, the required business core, and required major area courses. No minor or second major is required. A minimum of 120 credit hours are required for the degree.

Required Courses**Required Business Core**

ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3

ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAN-3083G	Organizational Behavior	3
MAN-4013	Business Ethics	3
MAN-4033	Strategic Planning	3
MAR-2033	Principles of Marketing	3

Required Major Courses

ABT-3013	Database Applications in Business	3
aABT-3063	Project Management	3
MAN-3013	Business Law II	3
aMAN-3033	Human Resource Management	3
aMAN-3063	Leadership	3
aMAN-3103	Management of Nonprofit Organizations	3
aMAN-4023	Operations Management	3

Required Cognate Courses

MAT-2063G	Introduction to Statistics	3
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Select one of the following: (3-4)

MAT-1023G	Precalculus Mathematics	3
MAT-1034G	Calculus I	4

Total 69-70 Hours

Marketing, B.S.

Upon completing the Bachelor of Science in Marketing degree, students will be able to:

- Explain the interrelationships of the functional business areas within organizations;
- Articulate the impact of personal and professional integrity upon organizational decision making in light of Biblical truths;
- Apply critical thinking skills;
- Model effective oral and written communication skills;
- See the value and participate in professional development, service, and/or multi-cultural activities;
- Interpret marketing research to position products and services and promote them successfully.

Students earning a Bachelor of Science in Marketing must complete the required General Education Core, the required business core, and required major area courses.

No minor or second major is required. A minimum of 120 credit hours are required for the degree.

Required Courses

Required Business Core

ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAN-3083G	Organizational Behavior	3
MAN-4013	Business Ethics	3
MAN-4033	Strategic Planning	3
MAR-2033	Principles of Marketing	3

Required Major Courses

aABT-3063	Project Management	3
MAR-2013	Introduction to Public Relations	3
aMAR-3053	Marketing Management	3
aMAR-3073	Advertising and Promotion	3
aMAR-3083	Digital Marketing	3
MAR-3113/COM 3113	Advanced Public Relations	3
aMAR-4063	Marketing Research	3
aMAR-4073	Marketing Strategy	3

Required Cognate Courses

MAT-2063G	Introduction to Statistics	3
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Select one of the following: (3-4)

MAT-1023G	Precalculus Mathematics	3
MAT-1034G	Calculus I	4

Total 72-73 Hours

Sports Management, B.A.

Required Courses

Take all of the following

ABT-2013	Spreadsheet Applications in Business	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAR-2033	Principles of Marketing	3
PED-1093	Foundations of Physical Education	3
aSPM-3013	Sports Communication	3
SPM-3073	Sports Management	3
aSPM-3093	Sports and Society	3

aSPM-4013	Facility and Event Management	3
aSPM-4033	Sports Finance	3
SPM-5029	Sports Management Internship	1-6

Required Cognate

Take all of the following:

MAT-2063G	Introduction to Statistics	3
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Elective Courses

Choose one of the following:

aMAR-3073	Advertising and Promotion	3
aPED-3003	Sports Psychology	3

Total 52-57 Hours

The student with a major in sports management must complete a minor in another discipline.

Business Department Minors

Note: All minors within the Business Department require a minimum of 12 hours that are not duplicated within the major.

Accounting Minor

Required Courses

Take all of the following

ABT-2013	Spreadsheet Applications in Business	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
	Accounting electives	9

Total 18 Hours

Business Minor

Note: The Business minor is not available to students in any major within the Business Department.

Required Courses

Take all of the following:

ABT-2013	Spreadsheet Applications in Business	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
MAN-2003	Principles of Management	3
MAR-2033	Principles of Marketing	3

Total 21 Hours

Business Technology Minor**Required Courses**

Choose one of the following:

CSC-2024	Computer Science II	4
GRD-3003	Computer Graphic Design II	3

Choose one of the following:

GRD-3043	Web Design for Designers	3
aMAR-3083	Digital Marketing	3

Take all of the following:

ABT-2013	Spreadsheet Applications in Business	3
ABT-3013	Database Applications in Business	3
aABT-3063	Project Management	3
CSC-1024	Computer Science I	4
GRD-2003	Computer Graphic Design I	3

Total 22-23 Hours

Finance Minor**Required Courses**

Take all of the following

ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
FIN-3073	Financial Management	3
MAT-2063G	Introduction to Statistics	3

Select three of the following: (9)

aFIN-3083	Principles of Investment	3
aFIN-3103	Financial Markets & Institutions	3
aFIN-4063	Intermediate Financial Management I	3
aFIN-4073	Intermediate Financial Management II	3
aFIN-4133	Professional Financial Planning	3

Total 21 Hours

Financial Planning Minor

Students with a Financial Planning Minor will demonstrate an understanding of the principles of financial planning in accordance with Biblical principles and an ability to advise others in these principles.

Note: Students must obtain a minimum cumulative GPA of 3.00 before declaring the Financial Planning minor.

Required Courses

Take all of the following

aACC-3033	Individual Income Tax	3
aFIN-3083	Principles of Investment	3
aFIN-4113	Risk and Insurance	3
aFIN-4133	Professional Financial Planning	3
aFIN-4143	Retirement Planning	3

aFIN-4153	Estate Planning	3
FIN-4093	Financial Planning Capstone	3

Total 21 Hours

Forensic Accounting Minor**Required Courses**

Take all of the following

ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ACC-4043	Fraud Examination and Forensic Accounting	3
aACC-4053	Auditing Concepts and Practices	3
CJU-1003	Introduction to Criminal Justice	3
CJU-2023	Criminal Investigations	3
CJU-3003	Criminal Law and Procedures	3
MAN-3003	Business Law I	3

Total 24 Hours

International Business Minor

The minor in International Business requires an approved summer- or semester-long international experience of at least 9 credit hours, and is designed to facilitate the granting of credit from partner institutions or programs. Students majoring in any business area must complete 12 credits of international business electives; students majoring outside of the Business Department must complete 9 hours of international business electives.

Required Courses

Take all of the following

MAN-2003	Principles of Management	3
ACC-2053	Principles of Accounting I	3
IBS-3003G	International Business Operations	3
ECO-1033	Principles of Macroeconomics	3
	International Business electives (approval required)	9-12

Total 24-27 Hours

Management Minor**Required Courses**

Take all of the following

MAN-2003	Principles of Management	3
ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3
	Management electives	9

Total 18 Hours

Marketing Minor

Required Courses

Take all of the following

MAN-2003	Principles of Management	3
ACC-2053	Principles of Accounting I	3

Select three of the following: (9)

MAR-2013	Introduction to Public Relations	3
aMAR-3073	Advertising and Promotion	3
aMAR-3053	Marketing Management	3
aMAR-4063	Marketing Research	3

Total 18 Hours

Music Business Minor

Required Courses

Take all of the following

MAR-2033	Principles of Marketing	3
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Contemporary Music Center - Business Concentration
(Nashville, TN; offered through the CCCU)

Faith, Music And Culture	3
Inside the Music Industry	3
Practicum: "CMC Tour"	1

Business Concentration:

Strategic Management	3
Music Business Survey	3
Advanced Media Marketing	3

Total 19 Hours

This program requires that the students apply to, be accepted by, and complete the Contemporary Music Center - Business Concentration program of the Council for Christian College and Universities. The CMC is in Nashville, Tennessee. It is recommended that students undertake this program of study during either the junior or senior year. Application must be completed in the year prior.

Nonprofit Management Minor

Note: this minor is not available to Management majors.

Required Courses

Take all of the following

ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ECO-1033	Principles of Macroeconomics	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3

aMAN-3103	Management of Nonprofit Organizations	3
MAR-2013	Introduction to Public Relations	3

Total 21 Hours

Sports Management Minor

Required Courses

Take all of the following

MAN-2003	Principles of Management	3
MAR-2033	Principles of Marketing	3
aSPM-3013	Sports Communication	3
SPM-3073	Sports Management	3
aSPM-4013	Facility and Event Management	3
aSPM-4033	Sports Finance	3

Total 18 Hours

Dual Degree Business Programs

Dual Accounting (CPA), B.S. and Management, M.S.M.

This program allows students to earn a Bachelor of Science in Accounting and Master of Science in Management dual degree, which meets the educational requirements to sit for the Certified Public Accountant examination. This is a five-year, 150 credit hour program. No minor or second major is required for this option.

In addition to the Business Program Objectives, Accounting students will demonstrate the ability to accurately evaluate accounting information.

All required accounting courses numbered 3000 or above must be completed at MVNU unless approved in advance by the accounting faculty.

Required Courses

Required Business Core

ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ACC-4013	Accounting Ethics	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAN-4033	Strategic Planning	3

Required Major Courses

ABT-3013	Database Applications in Business	3
aACC-3033	Individual Income Tax	3
aACC-3043	Cost Accounting I	3
ACC-3063	Intermediate Accounting I	3
ACC-3073	Intermediate Accounting II	3
aACC-4053	Auditing Concepts and Practices	3
aACC-4073	Advanced Tax Accounting	3
aACC-4083	Advanced Accounting I	3
aACC-4103	Advanced Accounting II	3
ACC-5029	Accounting Internship	1-6
MAN-3013	Business Law II	3
MAT-2063G	Introduction to Statistics	3

ACC-5029: Two credit hours necessary to fulfill the major requirement.

Management, M.S.M.

ACCT-6003	Managerial Accounting	3
MANG-6023	Organizational Behavior	3
MARK-6003	Marketing Management	3
ECON-6083	Managerial Economics	3
FINC-6013	Corporate Finance	3
MANG-6043	Strategic Management	3
MANG-6093	Global Business	3
MANG-6113	Ethical Leadership	3
MANG-6123	Legal Issues in Management	3
	Graduate Business Elective	3

ACCT-6003: Fulfilled through Accounting Internship

MANG-6023, MARK-6003: Dual Graduate Credit

Total 104 Hours

Dual Accounting (CPA), B.S. and Business Administration, M.B.A.

This program allows students to earn a Bachelor of Science in Accounting and Master of Business Administration dual degree, which meets the educational requirements to sit for the Ohio Certified Public Accountant examination. This is a five-year, 153 credit hour program. No minor or second major is required for this option.

In addition to the Business Program Objectives, Accounting students will demonstrate the ability to accurately evaluate accounting information.

All required accounting courses numbered 3000 or above must be completed at MVNU unless approved in advance by the accounting faculty.

Required Courses**Required Business Core**

ABT-2013	Spreadsheet Applications in Business	3
ABT-3073	Business Communication	3

ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
ACC-4013	Accounting Ethics	3
ECO-1033	Principles of Macroeconomics	3
ECO-2033	Principles of Microeconomics	3
FIN-3073	Financial Management	3
IBS-3003G	International Business Operations	3
MAN-2003	Principles of Management	3
MAN-3003	Business Law I	3
MAN-4033	Strategic Planning	3

Required Major Courses

ABT-3013	Database Applications in Business	3
aACC-3033	Individual Income Tax	3
aACC-3043	Cost Accounting I	3
ACC-3063	Intermediate Accounting I	3
ACC-3073	Intermediate Accounting II	3
aACC-4053	Auditing Concepts and Practices	3
aACC-4083	Advanced Accounting I	3
aACC-4073	Advanced Tax Accounting	3
aACC-4103	Advanced Accounting II	3
ACC-5029	Accounting Internship	1-6
MAN-3013	Business Law II	3
MAT-2063G	Introduction to Statistics	3

ACC-5029: Two credit hours necessary to fulfill the major requirement.

Master of Business Administration

ACCT-6003	Managerial Accounting	3
MANG-6023	Organizational Behavior	3
MARK-6003	Marketing Management	3
ECON-6083	Managerial Economics	3
FINC-6013	Corporate Finance	3
MANG-6043	Strategic Management	3
MANG-6093	Global Business	3
MANG-6113	Ethical Leadership	3
MANG-6123	Legal Issues in Management	3
	Graduate Business Specialization	9

ACCT-6003: Fulfilled through Accounting Internship

MANG-6023, MARK-6003: Dual Graduate Credit

Total 110 Hours

Dual Graduate Credit Option

Any undergraduate student who is currently enrolled in a baccalaureate degree business program, and who is within the final twenty-four (24) credit hours needed to graduate, will be permitted to complete two (2) graduate courses for dual credit, totaling no more than six (6) credit hours, based upon the following criteria:

- A student who has a cumulative GPA of 3.50 or higher will receive unconditional approval to complete graduate courses for dual credit.
- A student who has a cumulative GPA between 3.00-3.49 will be considered for approval pending review of a letter of recommendation from an undergraduate instructor. This letter should list each business course(s) taught by the recommending instructor that the student has completed to date, the student's overall academic performance in those courses, and the instructor's view of the student's ability to successfully complete advance coursework at the graduate level.
- A student with a GPA under 3.00 will not be approved to complete graduate courses for dual credit unless unforeseen or extreme, extenuating circumstances have had a significant, negative impact on the student's overall undergraduate academic performance. In this case, the student must submit a detailed letter of explanation to the Dean of the Jetter School of Professional Studies that explains these negative effects in greater detail, and that also discusses how the student now intends to successfully complete coursework at the graduate level.

Graduate courses that an approved student may complete for dual credit include:

ECON-6083	Managerial Economics	3
MANG-6023	Organizational Behavior	3
MANG-6093	Global Business	3
MANG-6113	Ethical Leadership	3
MARK-6003	Marketing Management	3
MANG-6123	Legal Issues in Management	3

Note: Approval to complete ACCT-6003 Managerial Accounting or FINC-6013 Corporate Finance may also be considered in specific cases that include an undergraduate Accounting major or minor who is within the final twenty-four (24) hours needed to graduate and who also meets the minimum GPA criteria listed above.

The following graduate courses will not, under any circumstances, be considered as options for dual credit:

- MANG-6043 Strategic Management
- All specialization courses

Education Department

Department Chair, Jessica R. Grubaugh
Director of Teacher Education, Elizabeth Napier

Faculty

Amy M. Dubusky, MAEd
Jessica R. Grubaugh, EdD
Sharon K. Metcalfe, EdD
Stephen P. Metcalfe, PhD
Elizabeth J. Napier, MA
Garland W. McCutcheon, MAEd
Bevin J. Shiverdecker, EdD
Lynn E. Shoemaker, MEd
R. Michael Traugh, PhD
Krishana White, EdD

Teacher Education Program

The Teacher Education Program provides research-based undergraduate education and graduate education, forming partnerships with local schools and districts, and collaborating with these educational systems. The program provides opportunities for candidates to learn about and to work with diverse populations.

Mission of the Teacher Education Program Overview

The mission of the Teacher Education Program of MVNU is to prepare, in a Christian context, competent educators who are compassionate servant leaders committed to life-long learning and professional competence in diverse educational settings. The aim and commitment is to provide the highest quality education based on the principles of God's Word, to educate the whole person as God created us, thus strengthening the mind, body, and soul. To this end, we offer a variety of rigorous academic programs that blend research findings with exemplary practice. Programs are designed to prepare undergraduate and graduate candidates for careers in teaching students in pre-school through grade twelve.

Conceptual Framework

Compassion

MVNU candidates are compassionate toward the students they serve. They respect the individuality of the students they teach, building an environment of trust. Candidates advocate for social justice and equity to participate in transforming communities consistent with a Christian Worldview.

Competence

Competence is the process of developing teachers as whole persons with the knowledge, skills and dispositions that help them meet the needs of each learner. Candidates are reflective, utilizing interpersonal abilities while

responding with flexibility and professional judgment to diverse experiences and the needs of all learners. Candidates use technology to support the teaching and learning process.

Commitment

MVNU candidates are committed to actively search for opportunities so all students experience success in the classroom. Candidates are reflective regarding the role they play in their students' learning. Candidates are committed to professional development, leadership and life-long learning.

NCATE Accreditation

In 1996, with the implementation of new state standards, Ohio became a partner state with the National Council for Accreditation of Teacher Education (NCATE). This partnership required that all units preparing teachers in the state of Ohio meet NCATE unit standards and that all teacher education programs meet the guidelines of their specialized professional association (SPA). Beginning in 2003, programs were required to become members of the NCATE organization by going through the complete application and on-site visit review. In 2007, the option of meeting the national accreditation requirement through NCATE or Teacher Education Accreditation Council (TEAC) was added. NCATE and TEAC merged September 2014 to form the Council for Accreditation of Educator Preparation (CAEP). In the future, MVNU will have CAEP accreditation. All CAEP programs can be assumed to meet the requirements of their SPA (e.g. all early childhood education programs must meet the standards of the National Association of Early and Young Children; all integrated language arts education programs must meet the standards of the National Council of Teachers of English, etc.). The MVNU Teacher Education Unit received NCATE accreditation in 2008, and the re-certification in March 2015.

The preparation of teachers is one of the major programs at Mount Vernon Nazarene University. The Teacher Education Unit has a strong history of providing quality programs, integrating university instruction which is grounded in theory and research with application and practice in P-12 classrooms, as well as college laboratory settings.

Teacher Education Program Philosophy

The philosophy of the unit, which includes the School of Education and Professional Studies and the Teacher Education Program at MVNU, greatly influences the mission, vision, and goals of the institution. The stated

philosophy, and belief system, of the Jetter School of Professional Studies at MVNU is that God has shown us truth through scripture, nature, history, and his son, Jesus Christ. Persons are spiritual, rational, moral, social, and physical beings created in the image of God. They are, therefore, able to know and to value themselves and other persons, the universe, and God. Education is the process of teaching and learning, and involves the whole person. This process occurs most effectively when both instructor and student are properly related to God and each other through Christ.

Goals and Outcomes of the Teacher Education Program

Our goals lead to our outcomes. MVNU produces teachers who are called to teach with compassion, competence, and commitment. We endeavor to teach our candidates to be compassionate toward all people, to become competent teachers, and to be committed to the profession. We intend for our candidates to graduate with licensure, or an advanced degree, with the ability to demonstrate their skills, knowledge, and dispositions.

Goal One: One goal at MVNU is for candidates to take the calling of compassion seriously; building rapport with their students and developing skills of justice, fairness, and consistency. We want candidates to respect and affirm all students and to reach out to the community in service to humanity.

Outcomes of Goal One:

1. Candidates demonstrate a desire to build rapport with their students by showing concern and interest.
2. Candidates build an environment of fairness, trust, and positive interaction among all classroom members.
3. Candidates advocate social justice and equity in the community to promote affirmation and response for all individuals.
4. Candidates transform communities consistent with a Christian worldview through service to humanity.

Goal Two: A second goal at MVNU is for candidates to become competent. It is our aim for candidates from MVNU to demonstrate competency and skill in learning about their students and use that information to design appropriate learning goals for each student in their classroom. Lesson plans should reflect objectives, activities, methods, materials, and assessments that promote learning connections. It is our desire for candidates at MVNU to demonstrate knowledge of content. We plan opportunities

for candidates to reflect on their current teaching skills to improve instructional techniques and to develop a variety of teaching methods, including the use of technology in the classroom. We desire to help candidates develop effective communication skills.

Outcomes of Goal Two:

1. Candidates conduct research about students and the learning process. They reflect on this information to create learning experiences adapted to diverse learners.
2. Candidates create an environment that is safe, organized, and accommodates all students, including those with special needs.
3. Candidates design appropriate standard-based learning goals and effectively communicate them to students.
4. Candidates demonstrate competency in the content areas.
5. Candidates demonstrate the ability to assess student learning using formal and informal assessment strategies to evaluate and insure the continuous intellectual, social, physical, and moral/spiritual development of all learners.
6. Candidates demonstrate the use of diverse teaching methods to insure the success of all students.
7. Candidates use technology to support teaching and learning.
8. Candidates demonstrate effective written and oral communication skills including questioning strategies.

Goal Three: A third goal at MVNU is to produce teachers who are committed to providing quality instruction to their students and to develop their professional responsibilities. Candidates have the opportunity to attend seminars, workshops, and be well-read in their field. Candidates are encouraged to take advantage of opportunities to present at professional meetings, take part in campus organizations, and participate in a wide range of diverse community service experiences. They are encouraged to join professional organizations and demonstrate professional growth and development. As a result, candidates deepen their understanding of the education profession and the issues facing educators. We want candidates to be committed to building professional relationships with parents and colleagues.

Outcomes of Goal Three:

1. Candidates demonstrate efficacy by actively searching for practical actions to address specific needs of all students.
2. Candidates are reflective regarding the impact their teaching has upon their students.
3. Candidates lead in their profession by involvement in professional organizations, publications, presentations, and school/community leadership.
4. Candidates build relationships with students, parents, colleagues, and other community stakeholders.

Summary: Our expected goals/outcomes are congruent with the Interstate New Teacher and Support Consortium (INTASC) Principles, the Ohio Standards for the Teaching Profession (OSTP), and the MVNU Conceptual Framework for the Teacher Education Unit.

Progress through the Teacher Education Program

Teacher education candidates have four formal reviews of their qualifications and success in acquiring essential knowledge, skills, attitudes, and dispositions. A review takes place prior to:

- entering the first education course;
- admission to the Teacher Education Program;
- admission to Clinical Practice; and
- recommendation for licensure and degree completion after completing all requirements of the State of Ohio, Department of Education.

Note: After admission into the Teacher Education Program, a student will continue to be evaluated for continuation in the program. Students may be placed on probation, suspended, or terminated from the program for violations of program policies and standards.

Admission to Foundations of Inclusive Education and Educational Technology

- A new, transfer, or First-Time Freshman (FF) enrolling in EDU-1033 Foundations of Inclusive Education must have an ACT composite score of 19 or higher.
- A candidate not enrolled in EDU-1033 Foundations of Education and/or EDU-1042 Educational Technology as a First-Time Freshman (FF), but who

meets the ACT requirement, must have a cumulative GPA of 2.5 or higher.

- A candidate who does not meet ACT criteria will be considered for admission when at least 12 semester hours of credit have been earned with a minimum 2.75 cumulative GPA and all required tests have been passed.
- Education courses transferred from other institutions may be accepted. A syllabus must be submitted for approval by the Director of Teacher Education for the Jetter School of Professional Studies, in consultation with the course's instructor and department chair.
- Extensive fieldwork required by the State of Ohio for teacher education candidates requires early admission if the program is to be completed in four years.

Admission to and Continuation in the Teacher Education Program

Candidates are admitted to the Teacher Education Program when he/she:

- completes EDU-1033, EDU-1031, and EDU-1042 with a grade of C- or higher;
- earns and maintains the following GPA requirements: Cumulative 2.5; Professional Education 2.5;
- demonstrates academic competency in reading, writing, and math through one department approved pathway;
- submits an Application for Admission to the Teacher Education Program (typically completed during EDU-1033);
- officially declares a major in the Office of the University Registrar;
- acceptable Dispositions Assessment score;
- passes BCII/FBI Background Checks;
- passes Schedule of Discipline Approval by the Dean of Students;
- passes a Speech Assessment Recommendation; and
- receives approval for acceptance to the program by the Teacher Education Council.

Deficiencies are indicated in writing to the applicant. It is the candidate's obligation to design a program to remove deficiencies. Arrangements for meeting the academic competency requirement for entrance to the Teacher Education Program are the candidate's responsibility. All deficiencies must be satisfied before enrolling in education courses beyond the sophomore level.

Upon recommendation by the Director of Teacher Education, the Teacher Education Council considers the application for admission. The Director of Teacher Education indicates to the candidate the Council's decision, and reasons, if denied, in writing.

Retention in the Teacher Education Program: After admission into the Teacher Education Program, a candidate will continue to be evaluated for continuation in the program. Candidates may be placed on probation, suspended, or terminated from the Teacher Education Program for violations of program policies and standards, including excessive field absences, educational disqualifications, violations of academic integrity and University Life Standards, legal disqualifications, unethical conduct, professional impairment, lack of reliability and dependability, misrepresentation, participation in derogatory and/or disrespectful behavior, and participation in discriminatory behavior.

Admission to and Continuation in Clinical Practice

Admission to the Teacher Education Program does not guarantee placement in Student Teaching. Completing Student Teaching does not guarantee a recommendation for licensure by the Ohio State Department of Education. Application forms are available from the Director of Field and Clinical Experiences.

Candidates are admitted to Clinical Practice when he/she:

- earns and maintains a Cumulative GPA of 2.5;
- earns and maintains an Education Program GPA of 3.0 for Elementary Education/Elementary Intervention P-5, Middle Childhood Education, and Intervention Specialist Education majors.
- earns and maintains a Major GPA of 3.0 and a Professional Education GPA of 3.0 for Adolescence-to-Young-Adult and Multi-Age majors;
- *Note:* candidates may apply for an exception to the Major GPA policy through a specified appeals process administered by the Director of Teacher Education.

- takes all State of Ohio required examinations;
- completes 80% of all coursework in their major (ECE and ELI 100%) prior to Student Teaching;
- submits an Application for Student Teaching that is due by November 1 of the Junior year for those desiring to Student Teach in an international setting; December 1 of Junior year for all other applicants;
- submits a Good Moral Character Form;
- receives approval to continue in Teacher Education from ALL university supervisors in field experiences;
- acceptable Dispositions scores;
- passes BCII/FBI Background Checks;
- passes schedule of Discipline Approval by the Dean of Students;
- has no more than two Yellow Flag Alert Reports; and
- receives approval for acceptance to the program by the Teacher Education Council.

When verified by the Director of Teacher Education that the candidate has met all criteria for Student Teaching, the Teacher Education Council considers the application. The Director of Teacher Education indicates to the candidate in writing the status of the application.

Student Teaching demands deem it unlikely that the candidate can complete the program satisfactorily if involved in outside employment during Student Teaching. Student Teaching involves a full day's assignment for the full semester. Candidates should reserve evenings for evaluating lessons and preparing materials. Student Teachers follow the P-12 school calendar in which the candidate is placed.

If at any time during the experience, the cooperating teacher, host school administrator, or MVNU supervisor determines that a candidate is not demonstrating the knowledge, skills, or dispositions needed for successful completion, s/he will meet with the MVNU supervisor and the Director of Field and Clinical Experiences to discuss the appropriate consequences. These consequences are dependent upon the severity of the issue and include, but are not limited to, the following:

Withdrawal from the field or clinical experience: If withdrawal occurs, a second placement may be permitted – such placement is not guaranteed during the same school semester and may have to be postponed to a later date – if a second placement occurs, a written remediation plan will

be developed by the MVNU supervisor and the Director of Field and Clinical Experiences – to continue in the placement, the remediation plan must be completed to the satisfaction of the MVNU supervisor and the Director of Field and Clinical Experiences.

Dismissal from the Teacher Education Program: Dismissal will be determined by appropriate Education Department faculty to include, but not limited to, the Director of Teacher Education and appropriate Department Chair – dismissal can occur during any field or clinical placement experience.

Recommendation for Degree Completion

A candidate is recommended for degree completion when he/she:

- completes all required coursework, Requests for Substitution of Course in State-Approved Program Forms, completes deficiencies, and requests transcripts from other colleges;
- earns a C- or higher in all Professional Education courses and courses in Major;
- maintains a Cumulative GPA of 2.5;
- maintains an Education Program GPA of 3.0 for Elementary Education/Elementary Intervention P-5, Middle Childhood Education, and Intervention Specialist Education majors;
- maintains a Major GPA of 3.0 and a Professional Education GPA of 3.0 for Adolescence-to-Young-Adult and Multi-Age majors;
 - *Note:* the major GPA requirements may be met through a specified appeals process administered by the Director of Teacher Education;
- secures satisfactory evaluations in Student Teaching;
- has no more than two Yellow Flag Alert Reports; and
- completes and submits their Teacher Performance Assessment and earned minimum 2.0 score.

Recommendation for Licensure

To obtain an institutional recommendation for licensure, all education courses must be completed at MVNU, unless approved by the Director of Teacher Education. Exceptions must be approved in writing by the Director of Teacher Education prior to enrolling in courses elsewhere.

Upon awarding of the degree, students have an additional three years to apply for the teaching license. After three years, additional coursework and/or other conditions may be required for licensure.

A candidate is recommended for licensure when he/she:

- passes all State of Ohio required examinations;
- passes BCII/FBI Background Checks;
- submits an Ohio Department of Education Application for Licensure with the required fee; and
- completes any additional coursework and/or other conditions identified by the state of Ohio (if it has been three or more years since awarding of the degree).

Response to Cultural Bias

The Teacher Education Council, the Appeals Committee, and the Teacher Education Advisory Committee are all drawn from culturally diverse backgrounds to avoid cultural bias in developing or administering policies. Cultural bias is perceived as any tendency on the part of a policy or procedure to favor one group of people who share common values and behaviors over another. It is assumed that no cultural bias exists when there is no evidence to the contrary.

Disclaimers

All Teacher Education program curricula, requirements, and policies are subject to change given the nature of the ongoing review process between MVNU, the Ohio Department of Education, and the Ohio Department of Higher Education.

Educator Licensure Tests and qualifying scores listed in the ODE charts and on the ODE website are subject to change by the Ohio Department of Education.

Background checks are required prior to the issuance of licenses by appropriate licensing bodies.

Candidates seeking licensure in states other than Ohio must maintain continuing contact with those states and the academic advisor to insure that the program leads to licensure. Candidates must check with the state licensure office in the state where licensure is desired for its requirements.

No employee, agent or representative of the University is authorized or empowered to provide licensure assurances for other states whether directly or by implication.

If at any time, an MVNU Education department instructor, supervisor or staff person determines that a candidate is struggling with the exhibition of vital knowledge, skills or dispositions, the Yellow Flag Alert Report form will be completed by the person observing the action or behavior. This process allows for the candidate to appeal any resulting disciplinary action.

Transfer Information

All transfer candidates are required to schedule a meeting with the Office of Teacher Education to assess which Education courses will transfer from their previous college/university, and to then plan a schedule for completing their program at MVNU.

In order to determine whether a required professional education and/or major course from another institution may be transferred, a "Student Request for Substitution of Course in State-Approved Program" Form (Course Substitution Form) must be completed and submitted with a syllabus including a clear course description attached. The Course Substitution Form must be signed by the advisor, and approved by the instructor of the MVNU course for which the substitution is proposed, the department chair, and the Director of Teacher Education.

Transfer candidates must meet all the requirements, policies, and procedures as determined by the Teacher Education Council. Any exceptions must be approved in writing by the Director of Teacher Education.

International Student Teaching

Candidates may complete a portion of Student Teaching overseas with Christian College Teacher Education Coordinating Council (CCTECC), a nonprofit organization dedicated to providing opportunities for candidates to complete a Student Teaching experience overseas.

Benefits of Student Teaching Overseas:

- Valuable preparation for teaching in an international Christian or international school setting;
- Expanded cultural perspectives and worldview;
- Broadened view of education and expanded knowledge base for developing one's approach to education;
- Develop valuable cross-cultural skills;
- Enrich one's academic background through first-hand experience in a foreign country and culture; and

- Build self-confidence and self-esteem through the experience of travel and independent activity.

Steps in the CCTECC Process:

1. Apply for admission to the CCTECC program in the Education Department – obtain an application from the MVNU Field and Clinical Office.
2. Receive acceptance from the MVNU Education Department.
3. Placement made by Interaction International and the MVNU Education Department.
4. Attend REQUIRED Pre-Experience Orientation – this training is provided twice each year – spring and fall, and candidates should plan to attend the seminar closest to when they will go overseas.

Candidates interested in International Student Teaching need to contact the MVNU Field and Clinical Office for more information on the CCTECC process.

In addition, each candidate must complete an Off-Campus Study Application at MVNU by December 1, the year prior to Student Teaching. Please contact the MVNU Academic Affairs Office for more information regarding this application and to verify the due date of the application. The application form can be found on the MVNU Portal:
<https://portal.mvnu.edu/sr/ocstudy/pages/default.aspx>.

Transportation to Field Assignments

Candidates are responsible for their own transportation to field placements, including Student Teaching. An attempt will be made to cluster candidates within placements in order to facilitate carpooling to reduce transportation costs, when possible.

Education Departmental Programs

The University has programs that equip students to teach in pre-school, elementary, secondary and comprehensive (kindergarten through twelfth grade) education settings.

Bachelor of Arts in Early Childhood Education

When a candidate completes this program, he/she will receive an initial license to teach Pre-K through third grade. A focus of this program is on the development of the whole child and candidates are well prepared to meet the needs of young students.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this

licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Bachelor of Arts in Elementary Education/Elementary Intervention Specialist

With a focus on inclusion, many schools are looking for a teacher with a background in working with all students, including those with exceptionalities. This program prepares the candidate to work with grades PreK-5 general education students and with grades PreK-5 mild-to-moderate students with exceptionalities.

Bachelor of Arts in Middle Childhood Education

When a candidate completes this program, he/she will receive an initial license to teach in Grades 4-9 classrooms. The focus of this program is on the needs of the middle-school student. Candidates receive a foundation in methods for working with this age group in addition to content in two areas of concentration. The areas are listed below. When a candidate completes this program, he/she will be eligible for a license to teach in two content areas.

- Language Arts
- Mathematics
- Science
- Social Studies

Bachelor of Arts in Intervention Specialist and Middle Childhood Education

With a focus on inclusion, many schools are looking for a teacher with a background in working with students with exceptionalities. This program is taken in conjunction with the Middle Childhood Education program and prepares the candidate to work with grades 4-9 general education students in two areas of concentration (math, science, social studies or language arts) and with grades K-12 mild-to-moderate students with exceptionalities, with specific emphasis on grades 4-9.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Bachelor of Arts in Intervention Specialist

With a focus on inclusion, many schools are looking for a teacher with a background in working with students with exceptionalities. This program prepares the candidate to

work with grades K-12 mild-to-moderate students with exceptionalities, with specific emphasis on grades 9-12. This program focuses on two areas of concentration at the high school level, the first being reading and a choice for the second concentration – either math, science or social studies.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Adolescent to Young Adult Education Programs

The following programs are designed for candidates who wish to teach grades 7-12. Each candidate will be licensed in one area of expertise. The following content areas are available:

- Bachelor of Arts in Integrated Language Arts Education
- Bachelor of Science in Integrated Mathematics Education
- Bachelor of Arts in Integrated Social Studies Education

Multi-Age Education Programs

These programs are multi-age in scope and allow a candidate to earn a license to teach in multiple grade levels. The following programs are available:

- Bachelor of Arts in Music Education
- Bachelor of Arts in Physical Education/Health Education
- Bachelor of Arts in Visual Arts Education

Undergraduate Endorsements

In addition to the above-mentioned programs, the Education Unit also offers two undergraduate-level endorsements. These allow a candidate to receive a specialty in an area in addition to their education program.

Early Childhood Generalist – This allows an Early Childhood Education candidate to teach 4th and 5th grades

Middle Childhood Generalist – This allows a Middle Childhood Education candidate to add to his/her program in order to teach all four content areas in a grades 4-6 self-contained classroom

Early Childhood Education, B.A.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Required Courses

Required Professional Education Courses

EDU-1031	Foundations of Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-2023G	The Learner and the Learning Process	3
EDU-3063G	Education & Cultural Diversity	3
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	6-12

Required Early Childhood Education Courses

EDU-2122	Language & Literacy Fundamentals	2
ECE-2012	Building Family and Community Relations	2
ECE-2014	Art, Music, and Movement	4
ECE-2061	Preschool Field Experience	1
ECE-2063	Curriculum in Early Childhood Education	3
ECE-2072	Children's Literature for Early Childhood	2
ECE-3012	Observation, Assessment, and Documentation	2
ECE-3033	Classroom Management in Early Childhood Education	3
ECE-3041	Developmental Literacy Laboratory	1
ECE-3043	Developmental Literacy	3
ECE-3053	Early Childhood Math: Curriculum, Instructions, and Assessment	3
ECE-3063	Basics of Phonics Instruction	3
ECE-3093	Inclusion and Inclusive Curricular Practices	3
ECE-4012	Creating STEAM-Infused Learning Experiences in the Early Childhood Classroom	2
ECE-4021	Integrated Methods in Early Childhood Education	1
ECE-4022	Early Childhood Social Studies: Curriculum, Instruction, and Assessment	2
ECE-4033	Content Reading	3
ECE-4081	Early Childhood Methods Laboratory	1

Required Cognate Courses

MAT-1033G	Intro to Mathematical Systems	3
	Any BIO course with laboratory	4
	Any CHE, PHY or ESS General Education course with laboratory	4

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Select one of the following American History courses: (3)

HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3013	Colonial America	3
aHIS-3043	Modern America	3
POL-1003G	American Politics & Government	3

Total 83 Hours

Elementary Education/Elementary Intervention Specialist P-5, B.A.**Required Courses****Required Professional Education Courses**

EDU-1001	Professional Writing in Education	1
EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-1073	Introduction to Multicultural Education	3
EDU-2023G	The Learner and the Learning Process	3
EDU-2103	Inclusion and Inclusive Curricular Practices	3
EDU-3063G	Education & Cultural Diversity	3
EDU-4131	Professional Development Seminar	1
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	10

Required Major Courses

EDU-1062	Social Studies for Elementary Teachers	2
EDU-2014	Art, Music, and Movement: An Inclusive Approach	4
EDU-2032	Early Intervention Seminar and Preschool Laboratory	2
EDU-2062	The Response to Intervention and Identification Process	2
EDU-2063	Curriculum in Early Childhood Education	3

EDU-2122	Language & Literacy Fundamentals	2
EDU-2173	Children's Literature for Early Childhood	3
EDU-3001	Elementary Intervention Lab (Grades K-5)	1
EDU-3003	Observation, Documentation, Intervention, and Assessment	3
EDU-3033	Classroom Management in Elementary Education	3
EDU-3073	Behavior Analysis and Management	3
EDU-3104	Basics of Phonics: Instruction and Intervention	4
EDU-3133	Content Literacy and Writing Methods	3
EDU-3141	Developmental Literacy Laboratory	1
EDU-3043	Developmental Literacy	3
EDU-4021	Integrated Methods in Elementary and Intervention Settings	1
EDU-4052	Inclusive Methods in Science	2
EDU-4062	Inclusive Methods in Mathematics	2
EDU-4072	Inclusive Methods in Social Studies	2
EDU-4082	Inclusive Integrated Elementary Methods Laboratory	2
EDU-4121	Creating STEAM-Infused Learning Experiences in Elementary Settings	1
EDU-4132	Family, School, and Community Collaboration and Consultation	2
MAT-1063	Mathematics for Elementary Teachers	3

Required Cognate Courses

MAT-1033G	Intro to Mathematical Systems	3
	Any BIO course with laboratory	4
	Any ESS course with Laboratory	4

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Total 99 Hours

Intervention Specialist and Early Childhood, B.A.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by

the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Required Courses

Required Professional Education Courses

EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-2023G	The Learner and the Learning Process	3
EDU-3063G	Education & Cultural Diversity	3
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	10
ISP-4096	Student Teaching: Intervention Specialist	6-12

Required Early Childhood Education Courses

EDU-2122	Language & Literacy Fundamentals	2
ECE-2012	Building Family and Community Relations	2
ECE-2014	Art, Music, and Movement	4
ECE-2061	Preschool Field Experience	1
ECE-2063	Curriculum in Early Childhood Education	3
ECE-2072	Children's Literature for Early Childhood	2
ECE-3012	Observation, Assessment, and Documentation	2
ECE-3033	Classroom Management in Early Childhood Education	3
ECE-3063	Basics of Phonics Instruction	3
ECE-3041	Developmental Literacy Laboratory	1
ECE-3043	Developmental Literacy	3
ECE-3053	Early Childhood Math: Curriculum, Instructions, and Assessment	3
ECE-4012	Creating STEAM-Infused Learning Experiences in the Early Childhood Classroom	2
ECE-4021	Integrated Methods in Early Childhood Education	1
ECE-4022	Early Childhood Social Studies: Curriculum, Instruction, and Assessment	2
ECE-4033	Content Reading	3
ECE-4081	Early Childhood Methods Laboratory	1

Required Intervention Specialist Courses

ISP-2093	Inclusive Classrooms and Exceptional Teaching	3
ISP-3002	Intervention Assessments	2
ISP-3032	Intervention Specialist Field Experience K-5	2

ISP-3042	Intervention Specialist Field Experience 6-12	2
ISP-4001	Methods Laboratory	1
ISP-4002	Specialized Instruction: Reading/Writing	2
ISP-4012	Specialized Instruction: Math/Science/Social Studies	2
ISP-4022	Behavior Analysis and Management	2
ISP-4051	Professional and Collaborative Practice	1

Required Cognate Courses

MAT-1033G	Intro to Mathematical Systems	3
	Any BIO course with laboratory	4
	Any CHE, PHY or ESS General Education course with laboratory	4

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Total 97 Hours

Intervention Specialist - Highly Qualified in Reading/Language Arts and Mathematics, B.A.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Required Courses

Required Professional Education

EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-2023G	The Learner and the Learning Process	3
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3041	Classroom Management Lab	1
EDU-3042	Classroom Management	2
EDU-3063G	Education & Cultural Diversity	3
EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2

EDU-4091	Student Teaching Seminar	1
ISP-4096	Student Teaching: Intervention Specialist	6-12

Required Intervention Specialist Courses

EDU-2122	Language & Literacy Fundamentals	2
ECE-2012	Building Family and Community Relations	2
ECE-3041	Developmental Literacy Laboratory	1
	OR	
MCE-3041	Developmental Literacy Laboratory	1
ECE-3043	Developmental Literacy	3
	OR	
MCE-3043	Developmental Literacy	3
ECE-3053	Early Childhood Math: Curriculum, Instructions, and Assessment	3
ECE-3063	Basics of Phonics Instruction	3
	OR	
MCE-3063	Basics of Phonetic Instruction	3
ISP-2093	Inclusive Classrooms and Exceptional Teaching	3
ISP-3002	Intervention Assessments	2
ISP-3032	Intervention Specialist Field Experience K-5	2
ISP-3042	Intervention Specialist Field Experience 6-12	2
ISP-4001	Methods Laboratory	1
ISP-4002	Specialized Instruction: Reading/Writing	2
ISP-4012	Specialized Instruction: Math/Science/Social Studies	2
ISP-4022	Behavior Analysis and Management	2
ISP-4051	Professional and Collaborative Practice	1

Highly Qualified Reading

ECE-2072	Children's Literature for Early Childhood	2
MCE-3023	Adolescent Literature	3

Highly Qualified Mathematics

MAT-1013G	Trigonometry	3
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3
aMAT-3073	Geometry for Educators	3

Required Cognate Courses

MAT-1033G	Intro to Mathematical Systems	3
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Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
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COM-1053G	Introduction to Communication	3
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Total 95 Hours

Intervention Specialist - Highly Qualified in Reading/Language Arts and Science, B.A.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Required Courses

Required Professional Education

EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-2023G	The Learner and the Learning Process	3
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3042	Classroom Management	2
EDU-3041	Classroom Management Lab	1
EDU-3063G	Education & Cultural Diversity	3
EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
EDU-4091	Student Teaching Seminar	1
ISP-4096	Student Teaching: Intervention Specialist	6-12

Required Intervention Specialist Courses

EDU-2122	Language & Literacy Fundamentals	2
ECE-2012	Building Family and Community Relations	2
ECE-3041	Developmental Literacy Laboratory	1
	OR	
MCE-3041	Developmental Literacy Laboratory	1
ECE-3043	Developmental Literacy	3
	OR	
MCE-3043	Developmental Literacy	3

ECE-3053	Early Childhood Math: Curriculum, Instructions, and Assessment	3
ECE-3063	Basics of Phonics Instruction	3
	OR	
MCE-3063	Basics of Phonetic Instruction	3
ISP-2093	Inclusive Classrooms and Exceptional Teaching	3
ISP-3002	Intervention Assessments	2
ISP-3032	Intervention Specialist Field Experience K-5	2
ISP-3042	Intervention Specialist Field Experience 6-12	2
ISP-4001	Methods Laboratory	1
ISP-4002	Specialized Instruction: Reading/Writing	2
ISP-4012	Specialized Instruction: Math/Science/Social Studies	2
ISP-4022	Behavior Analysis and Management	2
ISP-4051	Professional and Collaborative Practice	1

Highly Qualified Reading

ECE-2072	Children's Literature for Early Childhood	2
MCE-3023	Adolescent Literature	3

Highly Qualified Science

Must complete 16 total hours from the following courses, 4 hours of which will double as the Natural Science credit for the General Education requirements.

BIO-1014G	Principles of Biology with Laboratory	4
ESS-1034G	Earth Science with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4
PHY-2014G	General Physics I with Laboratory	4

Note: PHY-2014 General Physics I requires a prerequisite of C- or better in MAT-1013 or a passing score on the Trigonometry Placement Exam).

Required Cognate Courses

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Total 91 Hours

Intervention Specialist - Highly Qualified in Reading/Language Arts and Social Studies, B.A.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced

undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Required Courses**Required Professional Education**

EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-2023G	The Learner and the Learning Process	3
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3042	Classroom Management	2
EDU-3041	Classroom Management Lab	1
EDU-3063G	Education & Cultural Diversity	3
EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
EDU-4091	Student Teaching Seminar	1
ISP-4096	Student Teaching: Intervention Specialist	6-12

Required Intervention Specialist Courses

EDU-2122	Language & Literacy Fundamentals	2
ECE-2012	Building Family and Community Relations	2
ECE-3041	Developmental Literacy Laboratory	1
	OR	
MCE-3041	Developmental Literacy Laboratory	1
ECE-3043	Developmental Literacy	3
	OR	
MCE-3043	Developmental Literacy	3
ECE-3053	Early Childhood Math: Curriculum, Instructions, and Assessment	3
ECE-3063	Basics of Phonics Instruction	3
	OR	
MCE-3063	Basics of Phonetic Instruction	3
ISP-2093	Inclusive Classrooms and Exceptional Teaching	3
ISP-3002	Intervention Assessments	2

ISP-3032	Intervention Specialist Field Experience K-5	2
ISP-3042	Intervention Specialist Field Experience 6-12	2
ISP-4001	Methods Laboratory	1
ISP-4002	Specialized Instruction: Reading/Writing	2
ISP-4012	Specialized Instruction: Math/Science/Social Studies	2
ISP-4022	Behavior Analysis and Management	2
ISP-4051	Professional and Collaborative Practice	1

Highly Qualified Reading

ECE-2072	Children's Literature for Early Childhood	2
MCE-3023	Adolescent Literature	3

Highly Qualified Social Studies

ECO-1033	Principles of Macroeconomics	3
HIS-1003	Western Civilization I: Antiquity to Reformation	3
POL-1003G	American Politics & Government	3
MCE-3083	World Geography	3

Required Cognate Courses

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Total 91 Hours

Intervention Specialist and Middle Childhood, B.A.

Note: First-time freshmen students are not able to enroll in this major beginning Fall 2019. An advanced undergraduate or transfer student may enroll in this licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

The student with a middle childhood education major must complete two of the middle childhood education concentrations. See Middle Childhood major (p. 120) for course listings.

Required Courses**Required Professional Education**

EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3

EDU-2023G	The Learner and the Learning Process	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3042	Classroom Management	2
EDU-3041	Classroom Management Lab	1
EDU-3063G	Education & Cultural Diversity	3
EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	10
ISP-4096	Student Teaching: Intervention Specialist	6-12

Required Middle Childhood Education Courses

EDU-2122	Language & Literacy Fundamentals	2
ECE-2012	Building Family and Community Relations	2
ECE-3053	Early Childhood Math: Curriculum, Instructions, and Assessment	3
MCE-3012	Philosophy of Middle Childhood Education	2
MCE-3041	Developmental Literacy Laboratory	1
MCE-3043	Developmental Literacy	3
MCE-3063	Basics of Phonetic Instruction	3
MCE-4081	Middle Childhood Methods Laboratory	1

Required Intervention Specialist Courses

ISP-2093	Inclusive Classrooms and Exceptional Teaching	3
ISP-3002	Intervention Assessments	2
ISP-3032	Intervention Specialist Field Experience K-5	2
ISP-3042	Intervention Specialist Field Experience 6-12	2
ISP-4001	Methods Laboratory	1
ISP-4002	Specialized Instruction: Reading/Writing	2
ISP-4012	Specialized Instruction: Math/Science/Social Studies	2
ISP-4022	Behavior Analysis and Management	2
ISP-4051	Professional and Collaborative Practice	1

Required Cognate Courses

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Total 77 Hours

Middle Childhood Education, B.A.

The student with a middle childhood education major must complete two of the Middle Childhood Teaching concentrations.

Required Courses

Required Professional Education

EDU-1001	Professional Writing in Education	1
EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-1073	Introduction to Multicultural Education	3
EDU-2023G	The Learner and the Learning Process	3
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3
EDU-2103	Inclusion and Inclusive Curricular Practices	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3042	Classroom Management	2
EDU-3041	Classroom Management Lab	1
EDU-3063G	Education & Cultural Diversity	3
EDU-4131	Professional Development Seminar	1
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	10

Required Middle Childhood Education Courses

EDU-2122	Language & Literacy Fundamentals	2
EDU-3012	Philosophy of Middle Childhood Education	2
EDU-3104	Basics of Phonics: Instruction and Intervention	4
EDU-3043	Developmental Literacy	3
EDU-3141	Developmental Literacy Laboratory	1
EDU-4081	Middle Childhood Methods Laboratory	1

Select one of the following: (2)

EDU-4112	Methods in Content Areas	2
MCE-4032	Middle Level Science: Curriculum, Instruction, and Assessment	2
MCE-4042	Middle Level Lang. Arts: Curriculum, Instruction, and Assessment	2
MCE-4052	Middle Level Mathematics: Curriculum, Instruction, and Assessment	2

MCE-4062	Middle Level Social Studies: Curriculum, Instruction, and Assessment	2
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Required Cognate Courses

Select one of the following Communications courses: (3)

COM-1023G	Public Speaking	3
COM-1053G	Introduction to Communication	3

Middle Childhood Teaching Concentrations

Language Arts

COM-1023G	Public Speaking	3
EDU-3023	Adolescent Literature	3
ENG-2163G	American Literature: Beginnings to 1945	3
ENG-4063	English Grammars	3

Select one of the following: (1)*

DRA-2031G	Acting Practicum	0-1
DRA-3031G	Stagecraft Practicum	0-1

Select one of the following courses: (3)

ENG-2033	Introduction to Literary Studies	3
ENG-2073G	British Literature I	3
ENG-2083G	British Literature II	3
ENG-2153G	Classical Literature and Mythology	3
ENG-3033	Shakespeare	3

Mathematics

MAT-1033G	Intro to Mathematical Systems	3
MAT-1013G	Trigonometry	3
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3
aMAT-3002	History of Mathematics	2
aMAT-3073	Geometry for Educators	3

Science

PHY-2014G	General Physics I with Laboratory	4
BIO-1094G	Environmental Conservation and Sustainability	4

Select one of the following Biology courses: (4)

BIO-1014G	Principles of Biology with Laboratory	4
BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4

Select one of the following Earth and Space Science courses: (4)

ESS-1034G	Earth Science with Laboratory	4
ESS-1044G	Astronomy with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4

Select one of the following Chemistry courses: (4)

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4

Social Studies

EDU-3083	World Geography	3
HIS-1003	Western Civilization I: Antiquity to Reformation	3
HIS-1013G	The Western Tradition in World Context	3
HIS-2013	United States History to 1865	3
HIS-2023	United States History Since 1865	3
aHIS-3123	History of Ohio	3
POL-1003G	American Politics & Government	3

**Ask a member of the Education Department faculty for approved substitutions.*

Total 56 Hours

Educational Studies, B.A.

An advanced undergraduate may enroll in this non-teaching, non-licensure program by petitioning to and being approved by the Director of Teacher Education. For additional details, contact a member of the Education Department faculty.

Total 45 Hours

Adolescent to Young Adult Programs

Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete the same general education and professional education courses.

Required Courses

Required Professional Education Courses

EDU-1001	Professional Writing in Education	1
EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-1073	Introduction to Multicultural Education	3
EDU-2023G	The Learner and the Learning Process	3
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3

EDU-2103	Inclusion and Inclusive Curricular Practices	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3042	Classroom Management	2
EDU-3041	Classroom Management Lab	1
EDU-3063G	Education & Cultural Diversity	3
EDU-4001	Content Area Teaching Methods Laboratory	1
EDU-4131	Professional Development Seminar	1
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	10

Required Content Course

Take one of the following: (2)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
	OR	
	Content teaching methods course for selected teaching concentration*	2

*Content methods courses include: BIO-4002, ENG-4002, HIS-4002, MAT-4002, PHY-4002.

Integrated Language Arts Education, B.A.

Integrated Language Arts Education degree requirements can be found in the School of Arts and Humanities section of this Catalog under the English Departmental Programs heading.

Note: Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete general education and professional education courses which are listed in the Teacher Education Program section of this catalog.

Integrated Social Studies Education, B.A.

Integrated Social Studies Education degree requirements can be found in the School of Arts and Humanities section of this Catalog under the History Departmental Programs heading.

Note: Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete general education and professional education courses which are listed in the Teacher Education Program section of this catalog.

Integrated Mathematics Education, B.S.

Integrated Mathematics Education degree requirements can be found in the School of Natural and Social Sciences

section of this Catalog under the Mathematics Departmental Programs heading.

Note: Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete general education and professional education courses which are listed in the Teacher Education Program section of this catalog.

Multi-age Education Programs

Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete the same general education and professional education courses.

Required Courses

Required Professional Education

EDU-1001	Professional Writing in Education	1
EDU-1031	Foundations of Inclusive Education Laboratory	1
EDU-1033	Foundations of Inclusive Education	3
EDU-1042	Educational Technology	2
EDU-1073	Introduction to Multicultural Education	3
EDU-2023G	The Learner and the Learning Process	3
EDU-2071	Fundamentals of Planning & Instruction Laboratory	1
EDU-2093	Fundamentals of Planning and Instruction	3
EDU-2103	Inclusion and Inclusive Curricular Practices	3
EDU-3013	Teaching Reading in the Content Fields	3
EDU-3042	Classroom Management	2
EDU-3041	Classroom Management Lab	1
EDU-3063G	Education & Cultural Diversity	3
EDU-4001	Content Area Teaching Methods Laboratory	1
EDU-4131	Professional Development Seminar	1
EDU-4091	Student Teaching Seminar	1
EDU-4092	Student Teaching	10

*Music Education majors will take MMA-2001 Intro to Music Technology instead of EDU-1042 Educational Technology.

Required Content Course

*Content method courses include: ART-4002, MMA-4002, and PED-4023. Spanish Education majors must take EDU-4012.

Take one of the following: (2-3)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
	Content teaching methods course for selected teaching concentration*	2

Total 47 Hours

Music Education, B.A.

Music Education degree requirements can be found in the School of Arts and Humanities section of this Catalog under the Music Departmental Programs heading.

Note: Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete general education and professional education courses which are listed in the Teacher Education Program section of this catalog.

Physical Education/Health Education, B.A.

Physical Education/Health Education degree requirements can be found in the Jetter School of Professional Studies section of this Catalog under the Sport and Exercise Studies Departmental Programs heading.

Note: Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete general education and professional education courses which are listed in the Teacher Education Program section of this catalog.

Visual Arts Education, B.A.

Visual Arts Education degree requirements can be found in the School of Arts and Humanities section of this Catalog under the Art Departmental Programs heading.

Note: Candidates who wish to teach in adolescent to young adult education or in multi-age education settings must complete general education and professional education courses which are listed in the Teacher Education Program section of this catalog.

Spanish for Educators Minor

This minor is limited to students pursuing a teaching license through one of MVNU's education majors.

Required Courses

Take all of the following

SPA-1013G	Elementary Spanish I	3
SPA-1023G	Elementary Spanish II	3
SPA-2003G	Intermediate Spanish I	3
SPA-2023	Intermediate Spanish II	3

EDU-3063G	Education & Cultural Diversity	3
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EDU-3063: taken in Spanish Speaking area

Select one of the following courses: (3)

SPA-2013G	Conversational Spanish	3
aSPA-3003	Spanish Composition	3

Total 20 Hours

Endorsements

In addition to the undergraduate education degree programs listed above, the Teacher Education Unit also offers two undergraduate-level endorsements. These endorsements allow a candidate to obtain a specialty in an area in addition to his/her chosen graduate education program. To be admitted to the practicum, a candidate must have earned a minimum cumulative GPA of 3.00 (on a 4.00 scale) for all endorsement coursework. A minimum cumulative GPA of 3.00 (on a 4.00 scale) in the endorsement courses is required in order to receive the endorsement.

Early Childhood Generalist Endorsement

An early childhood endorsement allowing early childhood teachers to teach grades 4 and 5 is available.

To complete the endorsement, the candidate must complete the following courses:

ECE-3002	Social Studies for Upper Elementary Grades	2
ECE-3022	Mathematics for Upper Elementary Grades	2
ECE-3032	Science for Upper Elementary Grades	2
MCE-3023	Adolescent Literature	3
ECE-4001	Early Childhood Endorsement Practicum	1

Total 10 Hours

Middle Childhood Generalist Endorsement

A generalist endorsement allowing middle school teachers to teach in a self-contained grades 4-6 classroom as well as departmentalized schools is available. To complete the endorsement, the candidate must complete two categories below that lie outside the candidate's teaching concentration.

Language Arts

MCE-3023	Adolescent Literature	3
ENG-4063	English Grammars	3

Mathematics

MAT-1023G	Precalculus Mathematics	3
MAT-2063G	Introduction to Statistics	3

Science

BIO-1014G	Principles of Biology with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4

Social Studies

MCE-3083	World Geography	3
POL-1003G	American Politics & Government	3

Generalist Endorsement Courses

MCE-4001	Middle Childhood Generalist Endorsement Practicum	1
MCE-4011	Middle Childhood Teaching Methods in the Content Areas - Endorsement	1

Total 14-16 Hours

Exercise Science Program

Exercise Science Program Coordinator, M. Scott Tarrh

Faculty

Brian D. Humphrey, MS

Exercise Science Program Objectives

The courses and curriculum of the sports and exercise studies programs are designed to achieve the following student outcomes:

- demonstrate an understanding of physical activity and lifestyle choices to achieve optimal health;
- demonstrate the knowledge and skills to meet State of Ohio licensure requirements for teaching physical education and health in preschool through secondary school settings;
- demonstrate knowledge and skills to work in exercise science settings; and
- develop leadership traits that will impact the world of sports.

Fitness Management, A.A.S.

Required Courses

Take all of the following

PED-1022	First Aid and Cardio-Pulmonary Resuscitation (CPR)	2
PED-1093	Foundations of Physical Education	3
PED-2003	Introduction to Human Anatomy and Physiology	3
PED-2023	Athletic Training	3
PED-3033G	Personal Health	3

PED-3063	Administration of Athletics, Physical Education, and School Health Programs	3
MAN-2003	Principles of Management	3

Elective Courses

	Physical education electives	12
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Note: Six (6) hours of electives must be from courses numbered 3000 and above.

Total 32 Hours

Exercise Science, B.S.

The Bachelor of Science degree in Exercise Science is for those individuals with a passion for exercise and sports. This major will provide classroom, laboratory, and practical hands on experiences for students who are interested in applying scientific principles and research to various aspects of health and human performance. Students who complete the Exercise Science requirements will be prepared for future careers in a variety of areas dependent upon which concentration is pursued.

The Human Performance concentration prepares students who desire to enter careers in performance enhancement/management, group fitness instruction, health club management, or health consulting. Students can get national certification as a personal trainer through the National Council on Strength and Fitness (NCSF) and sit for the exam right here at MVNU or study towards certification as a strength and conditioning coach.

The Pre-Professional concentration will prepare students who are interested in pursuing a graduate program for careers in athletic training, exercise physiology, sports medicine, occupational therapy, physical therapy, and other allied health fields. Students who desire to enter graduate school must have a cumulative GPA of 3.0 or higher and no lower than a C in any of the Pre-Professional concentration courses.

Students entering the job market with the undergraduate degree in Exercise Science (without further graduate study) will be prepared for entry-level employment with corporate and community fitness programs, fitness clubs, and similar fitness-related industries.

Student Learning Outcomes:

- Formulate a paradigm of the human body through the integration of scientific understanding and a biblical, Christian worldview.
- Demonstrate the basic care, prevention, and treatment of athletic injuries and rehabilitation.

- Analyze concepts of sport psychology, personal health, and community health as they relate to complete health and wellness.
- Apply knowledge of the physiological and biomechanical elements of the body that create leverage and movement.
- Investigate issues in exercise science, physiology of exercise, and fitness assessment.

Exercise Science (Human Performance Concentration), B.S.**Required Courses**

Take all of the following concentration courses:

PED-2003	Introduction to Human Anatomy and Physiology	3
PED-2049	Sports Management Practicum	1-2
PED-3033G	Personal Health	3
PED-3043	Community Health	3
aSPM-4013	Facility and Event Management	3

PED-2049: Offered for variable credit; a minimum of 1 credit must be earned.

Choose one of the following:

BIO-1014G	Principles of Biology with Laboratory	4
BIO-1054G	General Zoology with Laboratory	4

Take all of the following major core courses:

BIO-2001	Medical Terminology	1
HSC-1013G	Nutrition for Health Professionals	3
PED-1002G	Principles of Health & Fitness	2
PED-1022	First Aid and Cardio-Pulmonary Resuscitation (CPR)	2
PED-2023	Athletic Training	3
PED-2039	Athletic Training Practicum	1-2
aPED-3003	Sports Psychology	3
PED-3093	National Council on Strength and Fitness Personal Training Course	3
PED-4003	Kinesiology	3
PED-4013	Physiology of Exercise	3
aPED-4073	Advanced Exercise Studies	3
PED-5029	Physical Education Internship	1-6

PED-2039: Offered for variable credit; a minimum of 1 credit must be earned.

PED-5029: Offered for variable credit; a minimum of 2 credits must be earned.

Total 46-52 Hours

A minor is encouraged but not required.

Exercise Science (Pre-Professional Concentration), B.S.

Required Courses

Take all of the following major core courses:

BIO-2001	Medical Terminology	1
HSC-1013G	Nutrition for Health Professionals	3
PED-1002G	Principles of Health & Fitness	2
PED-1022	First Aid and Cardio-Pulmonary Resuscitation (CPR)	2
PED-2023	Athletic Training	3
PED-2039	Athletic Training Practicum	1-2
aPED-3003	Sports Psychology	3
PED-3093	National Council on Strength and Fitness Personal Training Course	3
PED-4003	Kinesiology	3
PED-4013	Physiology of Exercise	3
aPED-4073	Advanced Exercise Studies	3
PED-5029	Physical Education Internship	1-6

PED-2039: offered for variable credit; a minimum of 1 credit must be earned.

PED-5029: offered for variable credit; a minimum of 2 credits must be earned.

Take all of the following concentration courses:

BIO-1054G	General Zoology with Laboratory	4
BIO-2034	Human Anatomy and Physiology I with Laboratory	4
BIO-2044	Human Anatomy and Physiology II with Laboratory	4
CHE-1034G	General Chemistry I with Laboratory	4
MAT-2063G	Introduction to Statistics	3
PED-3033G	Personal Health	3
PHY-2014G	General Physics I with Laboratory	4
PSY-1013G	General Psychology	3

Total 58-63 Hours

A minor is encouraged but not required.

Note: For those desiring to be admitted to graduate school a cumulative 3.0 GPA is required.

Physical Education/Health Education, B.A.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the School of Education and Professional Studies section of this catalog.

Required Courses

Take all of the following:

HSC-1013G	Nutrition for Health Professionals	3
PED-1022	First Aid and Cardio-Pulmonary Resuscitation (CPR)	2
PED-1093	Foundations of Physical Education	3
PED-2003	Introduction to Human Anatomy and Physiology	3
PED-2023	Athletic Training	3
aPED-3003	Sports Psychology	3
PED-3033G	Personal Health	3
PED-3043	Community Health	3
PED-3124	Pedagogy in Health and Physical Education	3
PED-4003	Kinesiology	3
PED-4013	Physiology of Exercise	3

Take at least two hours from the following (2)

PED-2029	Sports Information Practicum	1-2
PED-2039	Athletic Training Practicum	1-2
PED-2049	Sports Management Practicum	1-2

Take one of the following: (3)

SPM-3073	Sports Management	3
aSPM-3093	Sports and Society	3
aSPM-4013	Facility and Event Management	3

Content Methods (2-3)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
aPED-4023	Content Area Teaching Methods in Physical Education and Health	3

Required Education Courses (45)

Total 85-86 Hours

Exercise Studies Minor

Required Courses

Take all of the following

PED-1022	First Aid and Cardio-Pulmonary Resuscitation (CPR)	2
PED-1093	Foundations of Physical Education	3
PED-2003	Introduction to Human Anatomy and Physiology	3
PED-2023	Athletic Training	3
PED-4003	Kinesiology	3
PED-4013	Physiology of Exercise	3
PED-4083	Educational and Fitness Assessment	3

Total 20 Hours

Social Work Department

Social Work Department Chair and Program Director, Trudy P. Singletary

Faculty

Chris Childers, MSW - Field Education Director

Jennifer Jacobsen, MSW

Brenita R. Nicholas, PhD, MSW

Jean M. Ollis, MSW

Trudy P. Singletary, MSW

Program Competencies

1. Demonstrate ethical and professional behavior
2. Engage diversity and difference in practice
3. Advance human rights and social, economic, and environmental justice
4. Engage in practice-informed research and research-informed practice
5. Engage in policy practice
6. Engage with individuals, families, groups, organizations, and communities
7. Assess individuals, families, groups, organizations, and communities
8. Intervene with individuals, families, groups, organizations, and communities
9. Evaluate practice with individuals, families, groups, organizations, and communities

Social Work Departmental Programs

Social Work, B.S.W.

Required Courses

Take all of the following

SWK-1012	Social Work Field Observation I	2
SWK-1013	Introduction to Social Work	3
SWK-2003G	Cultural and Human Diversity	3
SWK-2012	Social Work Field Observation II	2
SWK-2013	Social Work Interviewing & Documentation	3
SWK-2073	Social Justice & Advocacy	3
SWK-3003	Social Science Research Methods	3
SWK-3013	Social Work Practice with Individuals	3
SWK-3024	Social Work Practice with Families and Groups	4
SWK-3063	Human Behavior & the Social Environment I	3
SWK-3073	Human Behavior & the Social Environment II	3
SWK-3141	Preparation for Field Education	1
SWK-4013	Social Work Practice with Organizations and Communities	3
SWK-4033	Analysis of Social Policy	3
SWK-4041	Social Work Seminar I	1
SWK-4046	Social Work Practicum I	6
SWK-4051	Social Work Seminar II	1
SWK-4056	Social Work Practicum II	6

Required Cognates (Pre-Social Work Fundamentals)

BIO-1014G	Principles of Biology with Laboratory	4
PSY-1013G	General Psychology	3
SOC-1013G	Introduction to Sociology	3
MAT-2063G	Introduction to Statistics	3
PSY-3063	Abnormal Psychology	3

Total 69

In lieu of a minor, the student with a major in social work must complete the cognate courses included above.

Social Work Minor

A social work minor provides a basic understanding of the social service system, the social work perspective, and professional ethics. The minor can enhance other majors that work with or within the social service community. However, a social work minor does not lead to social work licensure eligibility or to the professional designation of social worker. A four-year degree in social work is required for social work licensure and to obtain the competencies

necessary for entry-level social work employment. All courses in the social work minor must be passed with a grade of "C" or better to count toward the minor.

Required Courses

Take all of the following

SWK-1012	Social Work Field Observation I	2
SWK-1013	Introduction to Social Work	3
SWK-2003G	Cultural and Human Diversity	3
SWK-2012	Social Work Field Observation II	2
SWK-2013	Social Work Interviewing & Documentation	3
SWK-2073	Social Justice & Advocacy	3

Select one of the following social work elective courses: (3)

SWK-3083	Crisis Intervention	3
SWK-3143	International Social Work	3
SWK-3089	Special Topics in Social Work	1-3
SWK-3099	Cross-Cultural Service Learning	1-6

Total 19 Hours

Social Work Program

The Bachelor of Social Work degree is the minimal educational requirement for the social work profession and licensure.

Social Work Program Policies

Admission to the Traditional Social Work Program

1. The traditional social work student submits an application to the Social Work Program Director by March 1 of the second year. The student must complete the required cognates (pre-social work fundamentals) and 1000 and 2000-level required social work courses prior to formal admission to the social work program.
2. Admission criteria to the traditional social work program include:
 - a minimum cumulative GPA of 2.00 or higher on all course work attempted at the University;
 - a minimum cumulative GPA of 2.00 or higher on all course work accepted by transfer;
 - completion of required cognates, including SOC-1013G Introduction to Sociology, BIO-1014G Principles of Biology, PSY-1013G General Psychology, PSY-3063 Abnormal Psychology, and MAT-2063 Introduction to Statistics;
3. Admission into the social work program is a prerequisite for enrolling in any social work course numbered 3000 or above.
4. The members of the Social Work Department will review each admissions application and decide on one of the following four options:
 - Unconditional acceptance: The applicant has met all admissions criteria and will be notified in writing of unconditional admission by the Social Work Program Director.
 - Conditional acceptance: The applicant will be notified in writing by the Social Work Program Director of the specific areas that need improvement, correction, or completion. Students may take 3000-level social work classes, but must correct the specified deficiencies prior to admission to 4000-level courses, including practica. Students are responsible for meeting the

- completion of foundation courses in social work, including SWK-1013 Introduction to Social Work, SWK-1012 Social Work Field Observation I, SWK-2012 Social Work Field Observation II, SWK-2003G Cultural and Human Diversity, SWK-2013 Social Work Interviewing and Documentation, and SWK-2073 Social Justice and Advocacy;
- no grade below "C" in 1000 and 2000-level social work courses;
- completion of the application for admission to the social work program;
- status of "student in good standing" with the University's Student Life Office;
- receipt of satisfactory evaluations from Social Work Field Observation I and II;
- completion of an interview with the Social Work Admissions Committee and their positive recommendation as to the student's suitability for the practice of social work; and
- demonstration of behavior congruent with accepted social work practice, such as, but not limited to: valuing diversity, cultural humility, good oral and written communication skills, and adherence to the *National Association of Social Workers Code of Ethics and State of Ohio Standards of Ethical Behavior and Professional Conduct*.

specified conditions, and reporting to the Social Work Department prior to its April meeting for consideration for admission to 4000-level courses.

- **Provisional acceptance:** The applicant will be notified in writing by the Social Work Program Director of specific conditions which must be met before admission will be reconsidered. Students will not be allowed to take 3000-level social work courses. Students are responsible for correcting the specified conditions, and reporting to the Social Work Department prior to its April meeting.
 - **Denial of admission:** The applicant will be notified in writing by the Social Work Program Director of specific reasons for rejection of his/her application for admission into the Social Work Program.
 - In the event a student is denied admission, admitted with conditions, or has a provisional acceptance, the Social Work Department will provide the student with a written explanation for the decision and, if applicable, an explanation of the conditions that must be met for admission. A student may appeal the decision of the Department. See academic policy decision appeals process in Academic Regulations and Procedures section of this *Catalog*.
5. Admission to the social work program does not guarantee admission to the practica experiences or completion of the program for graduation.

Note: Traditional students transferring into the program might not complete the program in four years, because the program is tightly structured and sequenced. Traditional students combining social work with another major might find that the program structure and sequence prevent completion of two majors in four years.

Common Social Work Program Policies

- **Life Experience Policy:** The Social Work Program grants no academic credit, either in part or whole for life experience, volunteer experience, and/or current or previous work experience. This policy applies to all academic social work credits, including required cognates (pre-social work fundamentals) and professional foundations courses, field observations, and field practica.
- **Graduation Requirements:** Students must complete a minimum of 120 semester hours of

college course work, or its equivalent, with a minimum GPA of 2.0.

Social Work Program Retention, Remediation and Termination

1. Once admitted, a student will continue to be evaluated for continuation in the program. BSW students maintain good standing in the social work program by following each of these minimum standards:
 - maintain at least a cumulative GPA of 2.00 on all course work attempted at the University;
 - earn no grade below "C" in required social work courses;
 - demonstrate ethical behavior in the classroom, field experience, and University community life;
 - maintain status as a "student in good standing" with the University;
 - adhere to field experience policies and procedures; and
 - adhere to Social Work Program policies and procedures.
2. Probation, suspension or termination from the Social Work Program for **academic reasons** is consistent with academic policies and standards established by the University. Probation, suspension or termination for **professional concerns** focuses on appropriate conduct and behavior in accordance with the principles of the social work profession.
 - **Academic Reasons** for probation, suspension or termination from the Social Work Program include, but are not limited to:
 - failure to maintain at least a cumulative GPA of 2.00 on all course work attempted at the University;
 - earning a grade below "C" in required social work courses; and
 - violations of academic integrity.
 - The Social Work Program aligns with University processes in addressing academic concerns.
 - **Grade Appeal Process:** Students who wish to submit a grade appeal must do so according to the policies outlined under the "Academic

Regulations and Procedures" section of this *Catalog*.

- **Academic Integrity:** Policies and procedures for addressing issues of academic integrity are also found under the "Academic Regulations and Procedures" section of this *Catalog*.
- **Professional concerns** focus on the appropriate conduct and behavior in accordance with the principles of the social work profession. The Social Work Program follows the *State of Ohio Standards of Ethical Practice and Professional Conduct* and *The National Association of Social Workers Code of Ethics* that applies to students in social work educational programs. Violations may result in probation, suspension or termination from the program. Social work students receive written copies of the ethical practice standards and instruction as to the meaning, value, and application of the standards.
 - If a student is struggling with ethical, non-academic development and/or behavior that impedes professional performance, the following procedures are intended to provide due process so that student evaluations (and faculty decisions regarding students) balance the professional gate-keeping responsibility and the program faculty's commitment to student development.
- Students may be placed on probation, suspended, or terminated from the Social Work Program for any one or more violations of program policies and standards, including:
 - excessive field education absences
 - legal disqualifications
 - unethical conduct
 - professional impairment
 - lack of reliability and dependability
 - misrepresentation
 - participation in derogatory and/or disrespectful behavior
 - participation in discriminatory behavior
- The Faculty endeavors to assist students in resolving issues that may interfere with professional growth and development before the

situation escalates into concerns serious enough to warrant termination procedures. The Yellow Flag Alert system is designed to identify and strategize with students to correct behavior that would be egregious in the professional work place and classroom learning environment. Broad categories include professional behavior (e.g. attendance, punctuality, issues of impairment), professional dispositions (e.g. disrespectful interactions, lack of cultural responsiveness), and academic dispositions.

- **First alert:** The first alert is intended to draw attention to a concern as a teaching moment in their professional development. The person who completes the alert must communicate with the student via email, telephone, or face-to-face conversation AND send/give a copy to the student. Face-to-face is the preferred method of communication but that is not possible, then a telephone or email conversation may suffice.
- **Second alert:** If the student receives a second alert regarding the same issue or multiple alerts from different categories the social work department will communicate with the student and require a written response to the issue that includes an action plan for remediation of the issue. The action plan will receive follow-up by the social work department.
- **Third Alert:** If the student receives a third alert for the same issue or multiple alerts from different categories, there will be a mandatory meeting with the social work department to determine the student's continuation in the Social Work Program.
- Depending on the severity of the issue the following MAY occur:
 - **Probation:** A student may be placed on probation for a specific period of time if it is determined that a student's continuation is in jeopardy unless changes are made. The student will be informed in writing within seven (7) days of the probationary status. Upon receipt of the notice, the student will be required to develop, with the assistance of the student's Social Work Faculty Advisor, a plan of remediation which indicates when and how any deficiencies will be made up, and any other conditions required to remediate the situation. The written Plan of Remediation must be approved and signed by the student's

Social Work Faculty Advisor within one (1) month of the student being placed on probation. The student's Social Work Faculty Advisor will report to the Program Director on whether progress is being made in keeping with the Plan of Remediation. Failure to carry out the plan developed during the probationary period, according to the timeline specified in the plan, may result in suspension from the Social Work Program.

- **Suspension:** Serious violation of the performance standards and/or actions taken by a student that places them and/or others in jeopardy may result in the immediate suspension of the student from the program while the issue is being resolved. A student who is being suspended will be verbally notified immediately and is not allowed to attend classes until the issue is resolved. In addition, the student will receive a letter from the Social Work Program Director within seven (7) days of the decision for suspension, stating the reason(s) for suspension, the terms of the suspension, and the steps to be taken. A copy of the letter will be given to the student's Social Work Faculty Advisor, and a copy will also be placed in the student's file.
- **Termination:** Though rare, termination may result from a single grave incident or from a pattern of behaviors/incidents. As reflected in the Yellow Flag Alert System, every effort is made to identify issues and work with students to remediate concerns. However, in some cases, issues are not resolved or a student engages in a serious violation that places them and/or others in jeopardy. The student will receive a letter from the Social Work Program Director within seven (7) days of the decision for termination, stating the reason(s) for termination.
- **Appeal Process:** The student may appeal a disciplinary action resulting from any of the above by accessing the Academic Policy Decision Appeals process found under the "Academic Regulations and Procedures" section of this *Catalog*.

Admission to the Traditional Social Work Practicum Experience

1. Students desiring admission into the social work practicum experience must submit an application to

the Social Work Field Education Director by the announced date.

2. The criteria for admission to practicum include:
 - completion of the 3000-level social work courses with no grade below a "C";
 - earn a cumulative GPA of at least 2.00 (on a 4.0 scale) on all course work attempted at the University;
 - maintain status as a "student in good standing" with the University;
 - demonstration of behavior congruent with accepted social work practice, including, but not limited to, valuing diversity, cultural humility, good oral and written communication skills, and adherence to the *National Association of Social Workers Code of Ethics* and the *State of Ohio Standards of Ethical Behavior and Professional Conduct*; and
 - removal of any conditions stipulated by the Social Work Department prior to, upon, or after admission to the Social Work Program.
3. Students applying for admission to practicum will complete an admissions interview and must receive a positive recommendation as to the student's suitability for the practicum experience.
4. The members of the Social Work Department will review each admissions application and decide on one of the following four options:
 - Unconditional admission to Practicum I - The applicant has met all admissions criteria. The student will be notified in writing of unconditional admission by the Social Work Field Education Director.
 - Conditional admission to Practicum I - The applicant will be notified in writing by the Social Work Field Education Director of the specific areas that need improvement, correction, or completion. Students will be allowed to register for Practicum I and Seminar I, but admission could be revoked if a student fails to meet specified conditions. Conditions must be met prior to admission to Practicum II and Seminar II. Students are responsible for meeting the specified conditions, and reporting to the Social Work Department for reconsideration of conditional admission status.

- Delayed decision - The applicant will be notified in writing by the Social Work Field Education Director of specific conditions which must be met before admission will be reconsidered. Students will not be allowed to register for Social Work Practicum I and Social Work Seminar I until deficiencies have been corrected, and the student requests in writing that his/her application be reconsidered by the Social Work Department. Students are responsible for correcting the specified conditions, and reporting to the Social Work Department for reconsideration of delayed decision admission status.
 - Denial of admission - The applicant will be notified in writing by the Social Work Field Education Director of specific reasons why he/she has been denied admission into the practicum experience. A student who has been denied admission to Practicum I may face termination from the Program and/or a denial to graduate with a major in social work.
 - All students will be notified in writing of the decision of the Social Work Field Department prior to the end of the academic year by the Field Education Director.
 - In the event a student is denied admission, admitted with conditions, or has a delayed decision, the Social Work Department will provide the student with a written explanation for the decision and, if applicable, an explanation of the conditions that must be met for admission. A student who wishes to appeal the decision of the Social Work Department must do so according to the policies outlined under the "Academic Regulations and Procedures" section of this *Catalog*.
5. **Admission to Social Work Practicum II:** Once admitted to Practicum I, a student will continue to be evaluated for continuation in the practicum and admission to Practicum II. Admission to the practicum experience does not guarantee admission to Practicum II or completion of the social work program for graduation. Details about retention in the practicum experience and admission to Practicum II are included in the Field Practicum Student Manual. However, in general, a practicum student must:
- maintain at least a 2.00 cumulative GPA;
 - earn a grade of "C" or better in 4000-level social work courses;
 - satisfactorily complete Social Work Practicum I;
 - adhere to field placement policies and procedures;
 - demonstrate ethical behavior in the classroom, field practicum, and in University community life; and
 - adhere to program policies.
6. **Accelerated Block Placement Options**
Practicum is designed to be completed over two full semesters (fall and spring), with students completing 200 practicum hours each semester totaling 400 hours. A block practicum placement (400 practicum hours completed in one semester) may be requested if special needs or circumstances exist. The Social Work Department will consider these requests on a case-by-case basis but will not guarantee the accelerated block practicum placement. Please refer to the field education manual for specific block placement guidelines.
- The social work faculty will evaluate students participating in Practicum I as to their general suitability for Practicum II placement. If concerns are not raised by either the social work faculty or Practicum I field instructor and the student remains in good standing in the social work program, the Social Work Field Education Director can recommend that the student be admitted unconditionally to Practicum II. The student will be allowed to enroll in Practicum II. However, if the Practicum I field instructor or social work faculty has concerns about the student's continuation in Practicum II, the Social Work Field Education Director will notify the student and personally discuss the concerns with the student. The Social Work Field Education Director may make a recommendation to the Social Work Department to conditionally admit the student to Practicum II, to delay the decision until deficiencies are corrected, or to deny admission to Practicum II.
- The Social Work Field Education Director will notify students in writing of a conditional delay or denial admission decision.
- Disclaimers**
- Admission into the Social Work Program may be delayed for students who do not successfully complete designated liberal arts courses and/or required cognate and professional foundation courses with satisfactory grades.
- The Social Work program is accredited by the Council on Social Work Education (CSWE). The program strives to be responsive to ever-changing requirements and

expectations, including those of state social work licensing boards, the social work profession itself, and CSWE.

The University cannot guarantee licensure or employment because it does not control applicable state legislation, the licensing examinations or requirements, or hiring practices of state and community social service agencies.

Background checks are required prior to the issuance of licenses by appropriate licensing bodies.

School of Natural and Social Sciences

Dean, LeeAnn H.M. Coutts

Biology and Physical Sciences Department

Department Chair, Carrie D. Beal, PhD

Faculty

Carrie D. Beal, PhD
 Jon P. Bossley, PhD
 Geoffrey A. Fuller, PhD
 Pheba L. George, PhD
 Zachary T. Graber, PhD
 Binyang Hou, PhD
 Chris A. Ingersol, MS
 Paul C. Madtes, Jr., PhD
 Joyce C. Miller, PhD

Biology

Biology Program Objectives

The courses and curriculum of the biology program are designed to achieve the following student outcomes:

- interpret the fundamental concepts, theories, and language of biology;
- integrate the knowledge of biology and the Christian faith;
- analyze the Christian responsibility of being a good steward of creation;
- evaluate the importance of the diversity and function of all life; and
- demonstrate knowledge and skills of all professionals.

Biology Programs

Biology (Environmental Concentration), B.S.

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-1094G	Environmental Conservation and Sustainability	4

ESS-1034G	Earth Science with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-4001	Technical Writing in Biology	1

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select four from the following: (15-16)

CHE-3024	Organic Chemistry I with Laboratory	4
aBIO-3024	Field Botany with Laboratory	4
aBIO-3094G	Tropical Ecology with Laboratory	4
aBIO-3074	Ornithology with Laboratory	4
aBIO-4014	Freshwater Ecology with Laboratory	4
BIO-4044	Field Zoology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4

Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
MAT-2063G	Introduction to Statistics	3
ECO-1033	Principles of Macroeconomics	3

Total 67-68 Hours

The student with a major in biology (environmental concentration) may complete the designated cognate courses in lieu of a minor.

Biology (General Concentration), B.S.

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-4001	Technical Writing in Biology	1

Biology electives (12-13)

	7-8 hours from BIO courses numbered 3000 or above	7-8
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Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4

Total 42-43 Hours

The student with a major in biology (general concentration) must complete a minor in another field.

Biology (Graduate School/Industry Concentration), B.S.

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-4001	Technical Writing in Biology	1

Select one of the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select one of the following: (3-4)

aBIO-3024	Field Botany with Laboratory	4
aBIO-3074	Ornithology with Laboratory	4
aBIO-3094G	Tropical Ecology with Laboratory	4
aBIO-4014	Freshwater Ecology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5029	Biology Internship	1-6

Biology electives (7-8)

	3-4 hours from BIO courses numbered 3000 or above	3-4
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	4 hours from BIO courses numbered 4000 or above	4
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Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4

Recommended Electives

CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CSC-1013G	Introduction to Computing	3
MAT-1034G	Calculus I	4
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Total 45-47 Hours

The student with a major in biology (graduate school/industry) may complete an approved program of supporting courses in lieu of a minor.

Biology (Pre-Dentistry Concentration), B.S.

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3104	Human Physiology with Laboratory	4
BIO-4001	Technical Writing in Biology	1
BIO-4064	Molecular Biology with Laboratory	4

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Biology electives (3-4)

	3-4 hours from BIO courses numbered 3000 or above	3-4
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Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CHE-4014	Biochemistry I with Laboratory	4
MAT-1013G	Trigonometry	3
PHY-2014G	General Physics I with Laboratory	4

Recommended Biology Electives

BIO-2001	Medical Terminology	1
BIO-3084	Clinical Preceptorship	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5019	Independent Study in Biology	1-4

Recommended Cognate Electives

CHE-4024	Biochemistry II with Laboratory	4
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3

Total 66-70 Hours

The student with a major in biology (pre-dentistry concentration) may complete the designated cognates in lieu of a minor.

Biology (Pre-Medical Concentration), B.S.**Required Courses**

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-4001	Technical Writing in Biology	1
BIO-4064	Molecular Biology with Laboratory	4

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
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BIO-3154	Aquatic Environments with Laboratory	4
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Biology electives (11-12)

	7-8 hours from BIO courses numbered 3000 or above	7-8
	4 hours from BIO courses numbered 4000 or above	4

Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
MAT-1034G	Calculus I	4
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Recommended Biology Electives

BIO-3004	Microbiology with Laboratory	4
BIO-3084	Clinical Preceptorship	4
BIO-3104	Human Physiology with Laboratory	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5029	Biology Internship	1-6

Recommended Cognate Electives

MAT-2034	Calculus II	4
MAT-2063G	Introduction to Statistics	3
PSY-4023	Behavioral Neuroscience	3

Total 70-71 Hours

The student with a major in biology (pre-medical concentration) may complete the designated cognates in lieu of a minor.

Biology (Pre-Occupational Therapy Concentration), B.S.**Required Courses**

Take all of the following:

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3009	Research Problems	1-6
BIO-3034	Genetics with Laboratory	4

BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-4001	Technical Writing in Biology	1

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select from the following: (4-8)

BIO-2034	Human Anatomy and Physiology I with Laboratory	4
	AND	
BIO-2044	Human Anatomy and Physiology II with Laboratory	4
BIO-3104	Human Physiology with Laboratory	4

Required Cognate Courses

CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4
MAT-1013G	Trigonometry	3
MAT-2063G	Introduction to Statistics	3
PHY-2014G	General Physics I with Laboratory	4
PSY-1013G	General Psychology	3
PSY-2013	Life Span Developmental Psychology	3
PSY-3063	Abnormal Psychology	3
	Psychology electives	6-7
SOC-1013G	Introduction to Sociology	3

Recommended Electives

BIO-3084	Clinical Preceptorship	4
BIO-5019	Independent Study in Biology	1-4

Total 65-73 Hours

The student with a major in biology (pre-occupational therapy concentration) may complete the designated cognates in lieu of a minor.

Biology (Pre-Optometry Concentration), B.S.

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4

BIO-3004	Microbiology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3104	Human Physiology with Laboratory	4
BIO-4001	Technical Writing in Biology	1
BIO-4064	Molecular Biology with Laboratory	4

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Biology electives (3-4)

	3-4 hours from BIO courses numbered 3000 or above	3-4
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Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CHE-4014	Biochemistry I with Laboratory	4
MAT-1013G	Trigonometry	3
MAT-1034G	Calculus I	4
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4
PSY-1013G	General Psychology	3
	Social Science Electives	6-7

Recommended Biology Electives

BIO-2001	Medical Terminology	1
BIO-3084	Clinical Preceptorship	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5019	Independent Study in Biology	1-4

Recommended Cognate Electives

CHE-4024	Biochemistry II with Laboratory	4
MAT-2063G	Introduction to Statistics	3

The student with a major in biology (pre-optometry concentration) may complete the designated cognates in lieu of a minor.

Total 86-88 Hours

Biology (Pre-Pharmacy Concentration), B.S.**Required Courses**

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3104	Human Physiology with Laboratory	4
BIO-4001	Technical Writing in Biology	1
BIO-4064	Molecular Biology with Laboratory	4

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Biology electives (3-4)

	3-4 hours from BIO courses numbered 3000 or above	3-4
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Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Recommended Biology Electives

BIO-2001	Medical Terminology	1
BIO-3084	Clinical Preceptorship	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5019	Independent Study in Biology	1-4

Recommended Cognate Electives

CHE-4014	Biochemistry I with Laboratory	4
CHE-4024	Biochemistry II with Laboratory	4
COM-1023G	Public Speaking	3
ECO-1033	Principles of Macroeconomics	3

Total 73-74 Hours

The student with a major in biology (pre-pharmacy concentration) may complete the designated cognates in lieu of a minor.

Biology (Pre-Physical Therapy Concentration), B.S.**Required Courses**

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3104	Human Physiology with Laboratory	4
BIO-3114	Advanced Human Anatomy with Lab	4
BIO-4001	Technical Writing in Biology	1

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select one from the following: (4)

BIO-1094G	Environmental Conservation and Sustainability	4
aBIO-3014	Principles of Ecology with Laboratory	4

Select one of the following: (3-4)

BIO-3004	Microbiology with Laboratory	4
BIO-4064	Molecular Biology with Laboratory	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4

Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
MAT-2063G	Introduction to Statistics	3
PED-1022	First Aid and Cardio-Pulmonary Resuscitation (CPR)	2
PED-4003	Kinesiology	3

PED-4013	Physiology of Exercise	3
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4
PSY-1013G	General Psychology	3
PSY-2013	Life Span Developmental Psychology	3
SOC-1013G	Introduction to Sociology	3

Recommended Electives

BIO-3084	Clinical Preceptorship	4
MAT-1034G	Calculus I	4
PED-2023	Athletic Training	3
PSY-3063	Abnormal Psychology	3

Total 74-75 Hours

The student with a major in biology (pre-physical therapy concentration) may complete the designated cognates in lieu of a minor.

Biology (Pre-Physician Assistant Concentration), B.S.**Required Courses****Take all of the following**

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3009	Research Problems	1-6
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3114	Advanced Human Anatomy with Lab	4
BIO-4001	Technical Writing in Biology	1

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select from the following: (4-8)

BIO-2034	Human Anatomy and Physiology I with Laboratory	4
	AND	
BIO-2044	Human Anatomy and Physiology II with Laboratory	4

BIO-3104	Human Physiology with Laboratory	4
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Select one from the following: (3-4)

BIO-3084	Clinical Preceptorship	4
BIO-4064	Molecular Biology with Laboratory	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4

Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
MAT-2063G	Introduction to Statistics	3
PSY-1013G	General Psychology	3
PSY-2013	Life Span Developmental Psychology	3
SOC-1013G	Introduction to Sociology	3

Recommended Electives

BIO-5019	Independent Study in Biology	1-4
MAT-1034G	Calculus I	4
PSY-3063	Abnormal Psychology	3
aPSY-3093	Psychology Health and Wellness	3

Total 67-72 Hours

The student with a major in biology (pre-physician assistant concentration) may complete the designated cognates in lieu of a minor.

Biology (Pre-Veterinary Medicine Concentration), B.S.**Required Courses****Take all of the following**

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3064	Vertebrate Physiology with Laboratory	4
BIO-4001	Technical Writing in Biology	1
BIO-4064	Molecular Biology with Laboratory	4

Select one from the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select one from the following: (1)

BIO-4011	Principles of Bioethics	1
BIO-4091	Biology Seminar	1

Biology electives (3-4)

	3-4 hours from BIO courses numbered 3000 or above	3-4
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Required Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CHE-4014	Biochemistry I with Laboratory	4
MAT-1013G	Trigonometry	3
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Recommended Biology Electives

BIO-2001	Medical Terminology	1
BIO-3084	Clinical Preceptorship	4
BIO-4073	Cell Biology	3
aBIO-4074	Developmental Biology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5019	Independent Study in Biology	1-4

Recommended Cognate Electives

CHE-4024	Biochemistry II with Laboratory	4
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3

Total 73-74 Hours

The student with a major in biology (pre-veterinary medicine concentration) may complete the designated courses in lieu of a minor.

Life Science Education, B.S.

The Life Science Education, B.S. program is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog, pending the graduation of all students currently in the program.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-2034	Human Anatomy and Physiology I with Laboratory	4
BIO-2044	Human Anatomy and Physiology II with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
BIO-4001	Technical Writing in Biology	1
BIO-4073	Cell Biology	3
BIO-4091	Biology Seminar	1

Content Methods (2)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
BIO-4002	Content Area Teaching Methods in Life Sciences	2

Select one of the following courses: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
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Select one of the following Biology field courses: (4)

BIO-2064	Invertebrate Zoology with Laboratory	4
aBIO-3024	Field Botany with Laboratory	4
aBIO-3074	Ornithology with Laboratory	4
aBIO-4014	Freshwater Ecology with Laboratory	4

Required Major Cognate Courses

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
ESS-1034G	Earth Science with Laboratory	4
MAT-2063G	Introduction to Statistics	3
PHY-2014G	General Physics I with Laboratory	4

Required Education Courses (45)

Total 103 Hours

Biology Minor

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-3034	Genetics with Laboratory	4

Select one of the following (3-4)

aBIO-3024	Field Botany with Laboratory	4
aBIO-3074	Ornithology with Laboratory	4
aBIO-3094G	Tropical Ecology with Laboratory	4
aBIO-4014	Freshwater Ecology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4
BIO-5029	Biology Internship	1-6

Biology electives (3-4)

	3-4 hours from BIO courses numbered 3000 or above	3-4
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Total 18-20 Hours

The biology minor is not available to students majoring in biology.

Environmental Biology Minor

Required Courses

Take all of the following

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4
BIO-1094G	Environmental Conservation and Sustainability	4

Select one of the following: (4)

aBIO-3014	Principles of Ecology with Laboratory	4
BIO-3154	Aquatic Environments with Laboratory	4

Select one of the following: (4)

aBIO-3024	Field Botany with Laboratory	4
aBIO-3074	Ornithology with Laboratory	4
aBIO-3094G	Tropical Ecology with Laboratory	4
aBIO-4014	Freshwater Ecology with Laboratory	4
BIO-4089	Special Topics in Biology	1-4

Note: BIO-4089 must have an environmental field focus.

Total 20 Hours

The environmental biology minor is not available to students majoring in biology.

Chemistry

Chemistry Program Objectives

The courses and curriculum of the chemistry program are designed to achieve the following student outcomes:

- describe and apply the fundamental and advanced concepts, theories, and representations of chemistry;
- integrate the knowledge of chemistry and the Christian Faith;
- demonstrate safe handling of chemicals, proper chemical hygiene, and proper use of safety equipment;
- demonstrate the skills of observation, measurement, and record keeping in the laboratory;
- produce logical solutions to problems by evaluating information, applying principles, performing calculations, and interpreting results;
- review and critique scientific investigations and effectively communicate findings.

Chemistry Programs

Chemistry (Biochemistry/Molecular Biology/Pre-Medical Concentration), B.S.

Required Courses

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-2001	Special Topics in Chemistry and Physical Science	1
aCHE-3014	Quantitative Chemistry with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CHE-4001	Technical Writing in Chemistry	1
CHE-4014	Biochemistry I with Laboratory	4
CHE-4024	Biochemistry II with Laboratory	4
aCHE-4054	Physical Chemistry with Laboratory	4

Required Cognate Courses

BIO-1054G	General Zoology with Laboratory	4
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BIO-3045	Comparative Vertebrate Anatomy with Laboratory	5
BIO-3034	Genetics with Laboratory	4
BIO-4073	Cell Biology	3
BIO-4064	Molecular Biology with Laboratory	4
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Select one of the following: (4)

BIO-3064	Vertebrate Physiology with Laboratory	4
BIO-3104	Human Physiology with Laboratory	4

Total 73 Hours

No minor is required.

Chemistry (Forensic Science Concentration), B.S.

Required Courses

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-2001	Special Topics in Chemistry and Physical Science	1
aCHE-3014	Quantitative Chemistry with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CHE-4001	Technical Writing in Chemistry	1
CHE-4014	Biochemistry I with Laboratory	4
CHE-4024	Biochemistry II with Laboratory	4
aCHE-4054	Physical Chemistry with Laboratory	4

Required Cognate Courses

BIO-1054G	General Zoology with Laboratory	4
CJU-1003	Introduction to Criminal Justice	3
CJU-2023	Criminal Investigations	3
CJU-3003	Criminal Law and Procedures	3
aCJU-3034	Introduction to Forensic Science With Laboratory	4
CJU-3103	Chemical Dependence and Abuse	3
MAT-1034G	Calculus I	4

MAT-2063G	Introduction to Statistics	3
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Suggested Electives

BIO-1074G	General Botany with Laboratory	4
BIO-2064	Invertebrate Zoology with Laboratory	4
BIO-3004	Microbiology with Laboratory	4
BIO-3034	Genetics with Laboratory	4
aBIO-3024	Field Botany with Laboratory	4
BIO-4064	Molecular Biology with Laboratory	4
CHE-5019	Independent Study in Chemistry	1-4
CHE-5029	Chemistry Internship	1-6
ESS-1034G	Earth Science with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4

Total 69 Hours

No minor is required.

Chemistry (Graduate School/Industry Concentration), B.S.

Required Courses

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-2001	Special Topics in Chemistry and Physical Science	1
aCHE-3014	Quantitative Chemistry with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4
CHE-4001	Technical Writing in Chemistry	1
CHE-4014	Biochemistry I with Laboratory	4
aCHE-4054	Physical Chemistry with Laboratory	4
aPHY-3014	Introduction to Modern Physics with Laboratory	4

Chemistry Elective

	4 hours from CHE courses numbered 4000 or above	4
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Required Cognate Courses

BIO-1054G	General Zoology with Laboratory	4
CSC-1013G	Introduction to Computing	3
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3
PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4

Recommended Support Courses

MAT-2034	Calculus II	4
MAT-3013	Linear Algebra	3
MAT-3034	Multivariable Calculus	4
aMAT-3043	Differential Equations	3

Total 60 Hours

The student with a major in chemistry (graduate school/industry concentration) must complete an approved program of supporting courses in lieu of a minor.

Physical Science Education, B.S.

The Physical Science Education, B.S. program is no longer available to students declaring a major, beginning with the 2019-2020 Catalog. The major will be removed from the Catalog, pending the graduation of all students currently in the program.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the School of Education and Professional Studies section of this catalog.

Required Courses

Select one of the following: (4)

BIO-1054G	General Zoology with Laboratory	4
BIO-1074G	General Botany with Laboratory	4

Select one of the following: (4)

ESS-1034G	Earth Science with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
aCHE-3014	Quantitative Chemistry with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
ESS-1044G	Astronomy with Laboratory	4

PHY-2014G	General Physics I with Laboratory	4
PHY-2024	General Physics II with Laboratory	4
aPHY-3014	Introduction to Modern Physics with Laboratory	4

Select one of the following: (2)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
PHY-4002	Content Area Teaching Methods in Physical Science	2

Required Major Cognate Courses

MAT-1013G	Trigonometry	3
	OR	
	Pass Trigonometry proficiency exam	
MAT-1023G	Precalculus Mathematics	3
	OR	
	ACT Mathematics subscore of 25 or above	0-3
MAT-1034G	Calculus I	4
MAT-2063G	Introduction to Statistics	3

Required Education Courses (45)

Total 93-99 Hours

Chemistry Minor**Required Courses**

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
CHE-3024	Organic Chemistry I with Laboratory	4
CHE-3034	Organic Chemistry II with Laboratory	4

Select one of the following: (4)

aCHE-3014	Quantitative Chemistry with Laboratory	4
CHE-4014	Biochemistry I with Laboratory	4

Total 20 Hours

Physics**Physics Program Objectives**

The courses and curriculum of the physics program are designed to achieve the following student outcomes:

- explain the roles of observations, hypotheses, experiments, and laws in the scientific method of investigation;
- demonstrate the skills of observation, measurement, record keeping, time management, and teamwork in the laboratory;
- correctly operate common laboratory instruments and equipment;
- perform laboratory work in accordance with accepted safety regulations;
- design and execute a scientific investigation, and evaluate the outcome of an experiment by converting raw data to final results, including analysis of error and uncertainty;
- effectively communicate the results of a scientific investigation orally and in writing;
- reach logical solutions to problems by evaluating information, applying principles, performing calculations, and interpreting results; and
- demonstrate an understanding of the concepts, methods, principles, and laws of physics.

In addition, the course and curriculum of the physics program are designed with the following aspirations for students:

- appreciate the strengths and the limitations of science;
- appreciate the contributions of great scientists in the fields of classical mechanics, electricity and magnetism, nuclear/particle physics, optics, relativity, thermodynamics, and wave mechanics; and
- appreciate the harmony between scientific knowledge and biblical teachings.

Physics Programs

Physical Science Minor

Required Courses

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1044	General Chemistry II with Laboratory	4
PHY-2014G	General Physics I with Laboratory	4

PHY-2024	General Physics II with Laboratory	4
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Select one of the following: (4)

ESS-1034G	Earth Science with Laboratory	4
ESS-1044G	Astronomy with Laboratory	4
ESS-1054G	Meteorology With Laboratory	4

Total 20 Hours

Pre-Health Professions Programs

Pre-Medical/Pre-Dentistry Programs

MVNU offers educational programs designed to prepare the student for admission to a variety of health professional schools. The term medical is used to include seven different clinical professions in which doctoral degrees are awarded; most comments about medical school also apply to schools of dentistry, optometry, podiatry, osteopathic medicine, veterinary medicine, and chiropractic medicine.

Most of the successful medical school applicants majored in science. MVNU offers degree programs in biology and chemistry that meet all medical school entrance requirements.

However, a science major is not mandatory. Medical schools recognize the value of a liberal arts education, and they seek students with diverse interests and backgrounds. Some successful medical school applicants majored in a non-science discipline, regardless of academic major, medical schools expect a strong foundation in natural sciences, broad exposure to humanities, and well-developed communication skills. Nearly all medical schools prefer applicants who have completed a four-year undergraduate degree. Standard medical school entrance requirements include:

English/Communication

- College Writing and Literature are required. Communication courses are strongly recommended.

Biology

- A minimum of one full year of biology is required. Additional biology courses, including Invertebrate Zoology, Comparative Vertebrate Anatomy, Genetics, and Vertebrate Physiology are recommended.

Chemistry

- General Chemistry I and II with their laboratories, and Organic Chemistry I and II are required.

Quantitative Chemistry and Biochemistry are recommended.

Mathematics

- Algebra and Trigonometry are prerequisites for required laboratory science courses. Most medical schools require one full year of college-level mathematics. Statistics and Calculus I are recommended.

Physics

- General Physics I and II are required.

Social Sciences

- Psychology and Sociology are strongly recommended.

Many factors besides formal course work are essential for successful entrance to medical school. MVNU has a Pre-Medical Committee consisting of five faculty members who advise and assist students to plan clinical experiences, prepare for entrance examinations, secure medical school application materials, and obtain a committee recommendation letter.

Pre-Occupational Therapy

MVNU offers a four-year program designed to prepare the student for a master's degree program in occupational therapy. Since specific entry requirements vary slightly from school to school, students are encouraged to obtain catalogs from occupational therapy programs of interest as early as possible and then plan accordingly with their academic advisor.

Pre-Pharmacy Program

The Biology Department offers a four-year curriculum that is designed to meet entry requirements of Pharm.D. programs. The Chemistry Department offers a Biochemistry concentration that also meets entry requirements for Pharm.D. programs. Many schools of pharmacy require either accounting or economics. Entry requirements vary from school to school; students are encouraged to obtain catalogs from pharmacy schools as early as possible and then plan accordingly with their academic advisor.

Pre-Physical Therapy

MVNU offers a four-year program designed to prepare the student for a doctoral program in physical therapy. Since specific entry requirements vary slightly from school to school, students are encouraged to obtain catalogs from physical therapy programs of interest as early as possible and then plan accordingly with their academic advisor.

Pre-Physician Assistant

MVNU offers a four-year program designed to prepare the student for a master's degree program in physician assisting. Since specific entry requirements vary slightly from school to school, students are encouraged to obtain catalogs from physician assisting programs of interest as early as possible and then plan accordingly with their academic advisor.

Computer Science Department

Department Chair, Robert T. Kasper

Faculty

Robert T. Kasper, PhD
Michael C. Robbeloth, PhD

Computer Science Program Objectives

The courses and curriculum of the computer science program are designed to achieve the following student outcomes:

- exhibit a fundamental knowledge of the origins of computing, the capabilities and limitations of computing, and the use of computer technology as a tool for problem solving;
- demonstrate problem solving and communication skills fundamental to a liberal arts education and the computing profession;
- demonstrate an awareness of computer technology's impact on society, and engage in responsible actions when developing and using computing systems;
- develop practical, usable skills for employment in computer related professions as well as a foundation in computer science concepts as a basis for professional growth and further academic studies; and
- transition effectively into computing professions, exhibiting a Christian worldview and a commitment to life-long learning and service.

Computer Science Departmental Programs

Business Data Processing, A.A.S.

Required Courses

Take all of the following:

CSC-1013G	Introduction to Computing	3
CSC-1024	Computer Science I	4
CSC-2024	Computer Science II	4

CSC-2033	Data Structures & Algorithm Design	3
ABT-2013	Spreadsheet Applications in Business	3
ECO-1033	Principles of Macroeconomics	3
ACC-2053	Principles of Accounting I	3
ACC-2063	Principles of Accounting II	3
aCSC-3032	Database Management Systems	2
aCSC-3031	Database Management Systems Laboratory for Computer Science	1

Select one of the following: (3-4)

CSC-3004	Introduction to Software Development	4
CSC-3013	Computer Networks & Telecommunications	3
CSC-3044	Operating Systems and Systems Programming	4
CSC-3054	Computer Organization and Architecture	4

Total 32-33 Hours

Computer Science, B.A.

Required Courses

Take all of the following:

CSC-1024	Computer Science I	4
CSC-2024	Computer Science II	4
CSC-2033	Data Structures & Algorithm Design	3
CSC-3004	Introduction to Software Development	4
CSC-3013	Computer Networks & Telecommunications	3
aCSC-3024	Software and Systems Engineering	4
aCSC-3031	Database Management Systems Laboratory for Computer Science	1
aCSC-3032	Database Management Systems	2
CSC-3054	Computer Organization and Architecture	4
CSC-3083	Technology and Society	3
CSC-4081	Computer Applications Practicum I	1
CSC-4082	Computer Applications Practicum II	2
MAT-1023G	Precalculus Mathematics	3

Take one of the following: (3)

CSC-1053	Elementary Discrete Mathematics	3
MAT-1053	Elementary Discrete Mathematics	3

Elective Courses

	6 hours from CSC courses numbered 3000 or above	6
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Required Cognate Course

MAT-1023G	Precalculus Mathematics	3
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Total 47 Hours

The student with a major in computer science (Bachelor of Arts degree) must complete a minor in another discipline.

Computer Science, B.S.

(This program is based on the Association for Computing Machinery curriculum recommendations.)

Required Courses

Required Computer Science Courses

CSC-1024	Computer Science I	4
CSC-2024	Computer Science II	4
CSC-2033	Data Structures & Algorithm Design	3
CSC-3004	Introduction to Software Development	4
CSC-3013	Computer Networks & Telecommunications	3
aCSC-3024	Software and Systems Engineering	4
aCSC-3031	Database Management Systems Laboratory for Computer Science	1
aCSC-3032	Database Management Systems	2
CSC-3044	Operating Systems and Systems Programming	4
CSC-3054	Computer Organization and Architecture	4
CSC-3083	Technology and Society	3
aCSC-4023	Survey and Organization of Programming Languages	3
CSC-4081	Computer Applications Practicum I	1
CSC-4082	Computer Applications Practicum II	2
aCSC-4093	Computer Networking	3

Take one of the following: (3)

CSC-1053	Elementary Discrete Mathematics	3
MAT-1053	Elementary Discrete Mathematics	3

Required Mathematics Courses

MAT-1034G	Calculus I	4
MAT-2034	Calculus II	4
MAT-2063G	Introduction to Statistics	3
MAT-3013	Linear Algebra	3
MAT-3023	Advanced Discrete Mathematics	3

Total 65 Hours

The student with a major in computer science (Bachelor of Science degree) must complete the mathematics minor that is included above.

Computer Systems and Network Engineering, B.S.

Required Courses

Required Computer Science Courses

CSC-1024	Computer Science I	4
CSC-1053	Elementary Discrete Mathematics	3
CSC-2011	Computer Networking Fundamentals I	1
CSC-2021	Server Administration Fundamentals	1
CSC-2024	Computer Science II	4
CSC-2031	Information Technology Security Fundamentals	1
CSC-2041	Computer Networking Fundamentals II	1
CSC-3013	Computer Networks & Telecommunications	3
aCSC-3024	Software and Systems Engineering	4
aCSC-3031	Database Management Systems Laboratory for Computer Science	1
aCSC-3032	Database Management Systems	2
CSC-3054	Computer Organization and Architecture	4
CSC-3083	Technology and Society	3
aCSC-4003	Computer and Information Security	3
CSC-4062	Practicum in Networking	2
CSC-4072	Practicum in Server Administration	2
aCSC-4093	Computer Networking	3

Select one of the following: (3)

CSC-2033	Data Structures & Algorithm Design	3
CSC-3003	Web Application Development	3

Required Cognate Course

MAT-2063G	Introduction to Statistics	3
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Recommended Elective

CSC-5029	Computer Science Internship	1-6
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Total 48 Hours

The student completing this major must complete a minor in another discipline. The student completing a double major of a Bachelor of Arts in Computer Science and a Bachelor of Science in Computer Systems and Network Engineering must also complete a minor in another discipline.

Computer Science Minor

Required Courses

Take all of the following

CSC-1024	Computer Science I	4
CSC-2024	Computer Science II	4
CSC-1053	Elementary Discrete Mathematics	3
CSC-2033	Data Structures & Algorithm Design	3
	Select 4 or more hours from courses numbered 3000 and above	4

Total 18 Hours

Engineering Department

Department Chair, Richard L. Sutherland

Faculty

Jose Oommen, PhD
Jeongmoon Park, PhD
Qiuyan Li, MS
Richard L. Sutherland, PhD

Department Mission

The Department of Engineering at Mount Vernon Nazarene University seeks to provide high quality engineering instruction in a Christian environment that prepares graduates for a variety of professional careers and advanced studies in engineering and a life of service to God and humanity.

Program Educational Objectives

The program educational objectives for the general engineering program are to educate and prepare students to honor God with their lives by being ethical, productive, and contributing members of society. Within three to five years following graduation, we expect the following.

- Graduates will successfully formulate and solve complex technical problems in multi-disciplinary team-based environments.
- Graduates will display a broad knowledge and understanding of engineering concepts.
- Graduates will effectually apply engineering design principles and generate innovative solutions to meet societal needs.
- Graduates will display excellent communication skills with peers, clients, management, and the public.

- Graduates will be lifelong learners demonstrating professional leadership and be characterized by a high standard of ethics.
- Graduates will display an understanding of service-learning and thereby demonstrate a willingness to assist in meeting the needs of their communities, locally or globally.

Engineering Program Student Outcomes

The courses and curriculum of the engineering program are designed to achieve the following student outcomes.

Students in the General Engineering program at MVNU will demonstrate:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as to analyze and interpret data;
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibility;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
- a recognition of the need for, and an ability to engage in life-long learning;
- a knowledge of contemporary issues;
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
- a commendable character based on biblical principles and a Christian worldview and expressed through a life of service.

Engineering Departmental Programs

Engineering (Electrical Engineering Concentration), B.S.

Required Courses

Take all of the following

EGR-1001	Computational Engineering with MATLAB	1
EGR-1033	Computer Aided Design	3
EGR-2033	Digital Systems	3
EGR-2043	Statics	3
EGR-2064	Electric Circuit Analysis	4
EGR-2073	Thermodynamics	3
EGR-2083	Engineering Materials and Processes	3
EGR-3002	Engineering Economics	2
EGR-3014	Mechanics of Materials	4
EGR-3033	Automatic Control Systems	3
EGR-3063	Electromagnetic Fields and Waves	3
EGR-3123	Digital Signal Processing	3
EGR-3133	Introduction to Microcontroller-based Systems	3
EGR-3164	Communication Systems	4
EGR-3174	Analog Electronics	4
EGR-4001	Engineering Ethics	1
EGR-4012	Senior Design Project I	2
EGR-4022	Senior Design Project II	2

Required Cognate Courses

Take all of the following:

CHE-1034G	General Chemistry I with Laboratory	4
CSC-1024	Computer Science I	4
MAT-1034G	Calculus I	4
MAT-2034	Calculus II	4
MAT-3034	Multivariable Calculus	4
aMAT-3043	Differential Equations	3
PHY-2055G	University Physics I with Laboratory	5
PHY-2065	University Physics II with Laboratory	5

Engineering Electives

Complete a minimum of 5 credits from the following:

CSC-2024	Computer Science II	4
CSC-2033	Data Structures & Algorithm Design	3
CSC-3013	Computer Networks & Telecommunications	3
EGR-2053	Dynamics	3
EGR-3023	Machine Synthesis	3
EGR-3044	Fluid Mechanics	4
EGR-3053	Heat Transfer	3
EGR-3062	Design & Analysis of Experiments	2
EGR-3073	Computer Aided Engineering	3

EGR-3083	Mechanical Vibrations	3
EGR-3093	Machine Component Design	3
EGR-3099	Special Topics in Engineering	1-4
EGR-4053	Statistical Quality Control	3
EGR-5019	Independent Study in Engineering	1-4

EGR-3099: Course offered for variable credit; can be repeated for a maximum of 4 credits.

EGR-5019: Can be taken for 1-4 credits; maximum of 4 credits can be earned.

Choose two math or laboratory science electives: (6-7)

MAT-2063G	Introduction to Statistics	3
MAT-3013	Linear Algebra	3
	Additional laboratory science	4

Total 95-96 Hours

Completion of the required coursework will result in fulfillment of a minor in mathematics.

Engineering (Mechanical Engineering Concentration), B.S.

Required Courses

Take all of the following

EGR-1001	Computational Engineering with MATLAB	1
EGR-1033	Computer Aided Design	3
EGR-2033	Digital Systems	3
EGR-2043	Statics	3
EGR-2053	Dynamics	3
EGR-2064	Electric Circuit Analysis	4
EGR-2073	Thermodynamics	3
EGR-2083	Engineering Materials and Processes	3
EGR-3002	Engineering Economics	2
EGR-3014	Mechanics of Materials	4
EGR-3023	Machine Synthesis	3
EGR-3033	Automatic Control Systems	3
EGR-3044	Fluid Mechanics	4
EGR-3053	Heat Transfer	3
EGR-3093	Machine Component Design	3
EGR-4001	Engineering Ethics	1
EGR-4012	Senior Design Project I	2
EGR-4022	Senior Design Project II	2

Required Cognate Courses

Take all of the following:

CHE-1034G	General Chemistry I with Laboratory	4
CSC-1024	Computer Science I	4
MAT-1034G	Calculus I	4
MAT-2034	Calculus II	4
MAT-3034	Multivariable Calculus	4
aMAT-3043	Differential Equations	3

PHY-2055G	University Physics I with Laboratory	5
PHY-2065	University Physics II with Laboratory	5

Engineering Electives

Complete a minimum of 6 credits from the following:

EGR-3062	Design & Analysis of Experiments	2
EGR-3063	Electromagnetic Fields and Waves	3
EGR-3073	Computer Aided Engineering	3
EGR-3083	Mechanical Vibrations	3
EGR-3099	Special Topics in Engineering	1-4
EGR-3123	Digital Signal Processing	3
EGR-3133	Introduction to Microcontroller-based Systems	3
EGR-3164	Communication Systems	4
EGR-3174	Analog Electronics	4
EGR-4053	Statistical Quality Control	3
EGR-5019	Independent Study in Engineering	1-4

EGR-3099: Course offered for variable credit; can be repeated for a maximum of 4 credits.

EGR-5019: Can be taken for 1-4 credits; maximum of 4 credits can be earned.

Choose two math or laboratory science electives: (6-7)

MAT-2063G	Introduction to Statistics	3
MAT-3013	Linear Algebra	3
	Additional laboratory science	4

Total 95-96 Hours

Completion of required coursework results in the fulfillment of a minor in mathematics.

Double Mechanical and Electrical Engineering Concentration

A student who desires to complete the requirements for two concentrations and receive recognition for both on his/her transcript must complete all the requirements for each concentration. Any course that meets a requirement in both concentrations may be counted toward both, but the student must complete at least 18 more credit hours in engineering (or computer science, as listed in the engineering electives list) than required to complete a single concentration. The student does not need to complete two senior design projects.

Engineering Minor

Required Courses

Take all of the following

CHE-1034G	General Chemistry I with Laboratory	4
EGR-1033	Computer Aided Design	3
EGR-2033	Digital Systems	3
EGR-2043	Statics	3
EGR-4001	Engineering Ethics	1
MAT-1034G	Calculus I	4

Select one from the following: (1-4)

CSC-1024	Computer Science I	4
EGR-1001	Computational Engineering with MATLAB	1

Select a minimum of eight credit hours from the following: (8)

EGR-2053	Dynamics	3
EGR-2064	Electric Circuit Analysis	4
EGR-2073	Thermodynamics	3
EGR-2083	Engineering Materials and Processes	3
EGR-3002	Engineering Economics	2
EGR-3014	Mechanics of Materials	4
EGR-3033	Automatic Control Systems	3

Total 27-30 Hours

Mathematics Department

Department Chair, John T. Noonan

Faculty

John T. Noonan, PhD
Denise S. Parks, BA
Deborah S. Smith, MS
Bradley S. Whitaker, EdD

Mathematics Program Objectives

The courses and curriculum of the mathematics program are designed to achieve the following student outcomes:

- demonstrate a problem-solving approach to investigate and understand mathematical content;
- use mathematics to describe patterns, relations and functions, and to model and solve problems;
- formulate and solve problems from mathematical and everyday situations, thus connecting mathematics to other disciplines and real-world problems;
- demonstrate a mastery of fundamental mathematical and quantitative skills;

- make and evaluate mathematical conjectures and arguments, and validate mathematical thinking;
- communicate mathematical ideas in oral and written form using everyday language, mathematical language, and mathematical symbols;
- demonstrate an understanding of axiomatic systems in the branches of mathematics and the inter-relationships within mathematics;
- evidence an appreciation of the historical development in mathematics that includes the contributions of groups and cultures; and
- evidence the knowledge and skills necessary for entry level positions in mathematical professions, for teaching mathematics, and for graduate study in mathematics.

Note: Students are required to take MAT-0083 Basic Algebra if their ACT mathematics subscore is below 17, or if the SAT mathematics subscore is below 500. Also, students are required to take MAT-0093 Algebra if the ACT mathematics subscore is 17 or 18, or if the SAT mathematics subscore is 500-520. Credit hours for these courses do not count toward graduation.

Mathematics Departmental Programs

Mathematics, B.A.

Required Courses

Take all of the following:

CSC-1024	Computer Science I	4
MAT-1034G	Calculus I	4
MAT-1083	Foundations of Mathematics	3
MAT-2034	Calculus II	4
MAT-2063G	Introduction to Statistics	3
MAT-3013	Linear Algebra	3
MAT-3034	Multivariable Calculus	4
aMAT-3043	Differential Equations	3
MAT-4042	Mathematics Senior Capstone	2

Select three credit hours from the following: (3)

aMAT-3002	History of Mathematics	2
MAT-3023	Advanced Discrete Mathematics	3
aMAT-3063	Probability	3
aMAT-3113	Numerical Methods	3
aMAT-4023	Modern Algebra	3
MAT-4089	Special Topics in Mathematics	1-3
MAT-5019	Independent Study in Mathematics	1-4
MAT-5029	Mathematics Internship	1-6

Total 33 Hours

The student with a Mathematics B.A. major must complete a minor or an additional major in another discipline.

Mathematics, B.S.

Required Courses

Take all of the following:

CSC-1024	Computer Science I	4
MAT-1034G	Calculus I	4
MAT-1083	Foundations of Mathematics	3
MAT-2034	Calculus II	4
MAT-2063G	Introduction to Statistics	3
MAT-3013	Linear Algebra	3
MAT-3034	Multivariable Calculus	4
aMAT-3043	Differential Equations	3
aMAT-3063	Probability	3
aMAT-4023	Modern Algebra	3
MAT-4042	Mathematics Senior Capstone	2

Select six credit hours from the following: (6)

aMAT-3002	History of Mathematics	2
MAT-3023	Advanced Discrete Mathematics	3
aMAT-3113	Numerical Methods	3
MAT-4089	Special Topics in Mathematics	1-3
MAT-5019	Independent Study in Mathematics	1-4
MAT-5029	Mathematics Internship	1-6

Total 42 Hours

The student with a Mathematics B.S. major must complete a minor or an additional major in another discipline.

Integrated Mathematics Education, B.S.

Note: Candidates who wish to teach in adolescent to young adult education, in multi-age education, or in career-technical settings must complete general education and professional education courses which are listed in the Jetter School of Professional Studies section of this catalog.

Required Courses

Take all of the following:

CSC-1013G	Introduction to Computing	3
MAT-1083	Foundations of Mathematics	3
MAT-1034G	Calculus I	4
MAT-2034	Calculus II	4
MAT-2063G	Introduction to Statistics	3
aMAT-3002	History of Mathematics	2
MAT-3013	Linear Algebra	3
MAT-3034	Multivariable Calculus	4
aMAT-3063	Probability	3
aMAT-3073	Geometry for Educators	3
aMAT-4023	Modern Algebra	3
MAT-4042	Mathematics Senior Capstone	2

Take one of the following: (2)

EDU-4012	Multi-Age and Secondary Teaching Methods in the Content Areas	2
MAT-4002	Content Area Teaching Methods in Mathematics	2

Required Education Courses (45)

Total 84 Hours

Mathematics Minor

Required Courses

Take all of the following:

MAT-1034G	Calculus I	4
MAT-2034	Calculus II	4
MAT-2063G	Introduction to Statistics	3
	Mathematics electives (select from courses numbered 3000 or above)	3-4

Select one from the following: (3)

MAT-3013	Linear Algebra	3
aMAT-3043	Differential Equations	3

Total 17-18 Hours

Psychology and Criminal Justice Department

Department Chair, LeeAnn H.M. Coutts

Criminal Justice

Program Coordinator, Christina A. Jones

Faculty

Christina A. Jones, JD

Criminal Justice Program Objectives

The courses and curriculum of the criminal justice program are designed to achieve the following student outcomes:

- **Knowledge Base:** Demonstrate knowledge of the historical, legal, social, cultural, economic, and political frameworks under which justice systems operate, and the fundamental causes of crime, methods of prevention, and responsibilities of all individuals involved in the apprehension, prosecution, punishment, correction, and reintegration of offenders.
- **Inquiry and Critical Thinking:** Evaluate and apply research methods to explore criminal justice questions and hypotheses.

- **Ethical and Social Responsibility in a Diverse World:** Develop ethical standards informed by the Christian faith to promote restorative justice for offenders, victims, criminal justice professionals, and communities.
- **Communication:** Demonstrate effective oral and written communication skills in creating a cogent argument, presenting information, integrating criminal justice theories and concepts with the Christian faith.
- **Professional Development:** Apply criminal justice content and skills, exhibit meaningful self-reflection, cultivate self-regulation, and build teamwork skills that readies the student for post-baccalaureate education and employment success.

Criminal Justice Programs

Criminal Justice, B.A.

Required Courses

Required Social Foundations Courses

PSY-1013G	General Psychology	3
PSY-3063	Abnormal Psychology	3

Required Criminal Justice Courses

CJU-1002	Field Observation in Criminal Justice	2
CJU-1003	Introduction to Criminal Justice	3
CJU-1012	Writing for Criminal Justice Professionals	2
CJU-2003	Introduction to Policing	3
CJU-3003	Criminal Law and Procedures	3
CJU-3013	Juvenile Justice	3
CJU-3023	Criminology and Victimology	3
CJU-3103	Chemical Dependence and Abuse	3
CJU-3113/ SWK 3003	Social Research Methods	3
CJU-4002	Criminal Justice Capstone: Restorative Justice in Theory and Practice	2
CJU-4034	Corrections	4
MAT-2063G	Introduction to Statistics	3

Select at least 12 hours from the following: (12-13)

Note: A minimum of 3 hours must be courses numbered 3000 or above.

CJU-2023	Criminal Investigations	3
aCJU-3034	Introduction to Forensic Science With Laboratory	4
aCJU-3083	Terrorism and Homeland Security	3
CJU-4023	Crisis Intervention	3

CJU-4089	Special Topics in Criminal Justice	1-3
CJU-5019	Independent Study in Criminal Justice	1-4
CJU-5029	Criminal Justice Internship	1-6
POL-1003G	American Politics & Government	3
POL-3043	Constitutional Law	3
PSY-3053	Social Psychology	3
PSY-3073	Psychology of Childhood and Adolescence	3
SOC-1013G	Introduction to Sociology	3
SWK-2003G	Cultural and Human Diversity	3

CJU-3113: Students who choose to complete double majors in psychology and criminal justice must complete PSY-4014 Experimental Research Design as the required research methods course.

Total 52-53 Hours

The student with a major in criminal justice must complete a minor in another field.

Criminal Justice Minor

Required Courses

Take all of the following

CJU-1003	Introduction to Criminal Justice	3
	Criminal Justice Courses/Elective options as identified in the Criminal Justice major	18

Total 21 Hours

Psychology

Faculty

Colleen S. Bryan, PhD
 LeeAnn H. M. Coutts, PhD
 Tae Kwon, PhD
 Carla F. Swallow, MA

Psychology Program Objectives

The courses and curriculum of the psychology program are designed to achieve the following student outcomes:

- **Knowledge Base:** Demonstrate fundamental knowledge and comprehension of major concepts, theoretical perspectives, historical trends, and empirical findings of psychological science.
- **Scientific Inquiry and Critical Thinking:** Apply scientific reasoning and appropriate research

methods to evaluate, interpret, design, and conduct basic psychological research.

- **Ethical and Social Responsibility in a Diverse World:** Develop ethical standards informed by the Christian faith to promote socially responsible behaviors that build healthy, diverse communities.
- **Communication:** Demonstrate effective oral and written communication skills in creating a cogent scientific argument, presenting scientific information, integrating psychology and Christian faith, and synthesizing psychological theories and concepts.
- **Professional Development:** Apply psychology-specific content and skills, exhibit meaningful self-reflection, cultivate self-regulation, and build teamwork skills that readies the student for post-baccalaureate education and employment success.

Psychology Programs

Psychology, B.A.

Required Courses

Take all of the following

MAT-2063G	Introduction to Statistics	3
PSY-1013G	General Psychology	3
PSY-1041	Professional and Career Issues in Psychology	1
PSY-2012	Introduction to Experimental Psychology Methods	2
PSY-2044	Theories of Learning	4
PSY-3043	Psychology of Personality	3
PSY-3053	Social Psychology	3
PSY-3063	Abnormal Psychology	3
PSY-4014	Experimental Research Methods	4
PSY-4023	Behavioral Neuroscience	3
PSY-4073	History and Systems of Psychology	3
PSY-4091	Psychology Capstone: Psychology and Faith	1

Elective Courses

	Additional Psychology Electives	12
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Total 45 Hours

The student with a major in psychology is required to complete a minor in another discipline.

Psychology Minor

Required Courses

Take all of the following

PSY-1013G	General Psychology	3
	Psychology Electives	18

Total 21 Hours

School of Nursing and Health Sciences

Dean, Carol J. Dorough

Health Sciences Programs

Faculty

Carol J. Dorough, RN, MSN, EdD
Florence Hardjono, MA, CCC-SLP

Communication Sciences and Disorders, B.S.

Communication Sciences and Disorders Program Objectives

The courses and practicum curriculum for the Communication Sciences and Disorders program are designed to achieve the following students outcomes.

Upon completing of the CSD curriculum, each student is expected to be able to:

- apply knowledge of CSD knowledge and principles in pursuit of a graduate degree for their chosen profession (Speech-Language Pathology and/or Audiology);
- apply biblical principles to the care of clients;
- provide holistic care through empiric, personal, ethical, and aesthetic knowing;
- analyze subjective and objective data for evidence-based practice; and
- demonstrate personal responsibility for life-long learning in a healthcare profession.

Required Courses

Take all of the following

CSD-1003	Introduction to Communication Sciences and Disorders	3
CSD-1013	Introduction to Phonetics	3
CSD-2003	Speech & Language Development	3
CSD-2013	Communication Disorders in Adults	3
CSD-3001	Speech and Language Disorders Clinical	1
CSD-3003	Anatomy and Physiology of Speech and Hearing Mechanisms	3
CSD-3013	Speech and Hearing Science	3
CSD-3021	Clinical Foundations	1

CSD-3023	Research Methods for Communication Sciences	3
CSD-3033	Communication Disorders in Children	3
CSD-4013	Audiometry	3

Required Cognates

BIO-2001	Medical Terminology	1
BIO-2034	Human Anatomy and Physiology I with Laboratory	4
HSC-1013G	Nutrition for Health Professionals	3
ICS-3133	Introduction to Linguistics	3
MAT-2063G	Introduction to Statistics	3
MLA-1019G	Modern Language Studies	1-4
PSY-1013G	General Psychology	3
PSY-2013	Life Span Developmental Psychology	3

Complete one of the following:

CHE-1034G	General Chemistry I with Laboratory	4
CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4
PHY-2014G	General Physics I with Laboratory	4

Total 57 Hours

The student with a major in Communication Sciences and Disorders must complete a minor in another discipline.

Communication Sciences and Disorders Program Policies

Progression Criteria

The MVNU Communication Sciences and Disorders (CSD) program offers a pre-professional Bachelor of Science degree in the field. By law in the state of Ohio, and in accordance with national standards set by the American Speech-Language-Hearing Association, professional practice in speech-language pathology requires a Master's degree, while audiology requires a Doctoral degree.

The CSD program at MVNU is designed to prepare students for successful admission and experience at the graduate level in their chosen area of practice via a rigorous educational and clinical program, with a strong emphasis on Christian life and ministry as a student and as a professional. Because admission to graduate CSD programs is highly competitive, it is strongly recommended

that students meet these benchmarks in order to be prepared for the graduate school admission process.

1. Achieve a cumulative GPA of at least 3.50 by the end of the second year.
2. Maintain a cumulative GPA of 3.60 or better through the third and fourth years.

Progression

1. The minimum passing grade for CSD courses is B.
2. A minimum of a C is required for cognate courses.
3. CSD students may take CSD-3001 Speech and Language Disorders Clinical during any three of the four final semesters. To enroll in the first Speech and Language Disorders Clinical, a CSD student must have earned a minimum cumulative GPA of 3.5 in CSD courses.
4. CSD students take three independent Speech and Language Disorders Clinical courses during the program. The minimum grade to pass a clinical course is a B. Students earning any grade less than a B will fail that clinical course and be required to repeat and pass the failed clinical course before progressing to the next clinical course.
5. Students who receive a B or higher in a Speech and Language Disorders Clinical course may be able to use those clock hours towards accumulation of the total clock hours of client contact required by the American Speech-Language-Hearing Association (ASHA) to obtain the Certificate of Clinical Competence. Acceptance of undergraduate programs is determined on a case-by-case basis within individual graduate programs.

Health Sciences, B.S.

Health Sciences Program Objectives

Course and practicum curriculum for a Bachelor of Science in Health Sciences are designed to prepare students to achieve the following student outcomes:

- Complete a cadre of diverse courses to meet the qualifications for employment in a chosen health science field and/or entrance into graduate school.
- Develop skills and competencies necessary to provide strong leadership in a health science profession.

- Articulate ethical, legal, political, and social issues related to the provision of healthcare to a diverse population.
- Apply elements of research and evidence-based practice to issues impacting healthcare.
- Implement principles of advocacy and critical thinking necessary to address healthcare needs in a diverse society.
- Demonstrate the acquisition of knowledge related to health sciences developed from a strong, interdisciplinary foundation.

Required Courses

Take all of the following:

HSC-1013G	Nutrition for Health Professionals	3
HSC-3013	Healthcare Delivery	3
HSC-4001	Senior Seminar for Health Sciences	1

Required Cognates

BIO-2001	Medical Terminology	1
BIO-2034	Human Anatomy and Physiology I with Laboratory	4
BIO-2044	Human Anatomy and Physiology II with Laboratory	4
BIO-4011	Principles of Bioethics	1
ECO-1033	Principles of Macroeconomics	3
MAN-2003	Principles of Management	3
MAR-2033	Principles of Marketing	3
MAT-2063G	Introduction to Statistics	3
NUR-4014	Nursing Concepts in Population Health	4
NUR-4113	Leadership and Management Issues in Nursing Practice	3
PSY-1013G	General Psychology	3
PSY-2013	Life Span Developmental Psychology	3
PSY-3063	Abnormal Psychology	3
SOC-1013G	Introduction to Sociology	3
CHE-1034G	General Chemistry I with Laboratory	4
	OR	
CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4

57 Credits

The student with a major in health sciences must complete a minor in another discipline.

Communication Sciences and Disorders Minor

Required Courses

Take all of the following:

CSD-1003	Introduction to Communication Sciences and Disorders	3
CSD-2003	Speech & Language Development	3
CSD-2013	Communication Disorders in Adults	3
CSD-3003	Anatomy and Physiology of Speech and Hearing Mechanisms	3
CSD-3033	Communication Disorders in Children	3

Choose one of the following:

CSD-1012	Introduction to Phonetics	2
PSY-1013G	General Psychology	3

Total 17-18 Hours

Nursing Department

Faculty

Karla R. Adu, RN, MS, CNP
 Carol Dorough, RN, MSN, EdD
 Debra Garee, RN, MSN
 Judy Gregg, RN, DNP, MS
 Billie J. Maglott, RN, MSN
 Teresa Phillips, RN, EdD, MSN, CCRN, RCIS
 Esther J. Rudolph, RN, MSN

Program Objectives

The courses and curriculum of the nursing program are designed to achieve the following student outcomes.

Graduates from the program will:

- apply biblical principles to professional nursing practice;
- provide holistic nursing care based on evidence gained through empirical testing, and personal, ethical, and aesthetic knowledge;
- analyze subjective and objective data for scientific merit;
- demonstrate academic responsibility in current curriculum;
- view each person as created in the image of God, and therefore, worthy of respect and dignity;
- recognize the influence of the environment on the health of individuals and communities;
- convey a Christian worldview of health as the ability to function in harmony with God, self, others and the environment;
- deliver nursing care aimed at assisting persons and communities in their response to actual and potential health problems;
- provide compassionate care for the whole person with the aim of promoting the healthcare team through verbal, nonverbal, and written communication; and
- affirm spiritual care as primary to the health of individuals and society.

B.S. in Nursing (Pre-Licensure BSN Program)

Required Courses

Required Nursing Courses

NUR-2024	Foundations of Clinical Nursing Practice	4
NUR-2035G	Fundamentals of Medical-Surgical Nursing	5
NUR-2043	Pathopharmacology I	3
NUR-3016	Adult Medical-Surgical Nursing	6
NUR-3033	Health Assessment	3
NUR-3043	Pathopharmacology II	3
NUR-3074	Nursing Care of Children & Families	4
NUR-3094	Maternity and Women's Health Nursing	4
NUR-4014	Nursing Concepts in Population Health	4
NUR-4034	Mental Health Nursing	4
NUR-4053	Nursing Theory & Research	3
NUR-4096	Advanced Medical-Surgical Nursing	6
NUR-4113	Leadership and Management Issues in Nursing Practice	3
NUR-4133	Transition to Professional Nursing	3

Required Cognate Courses

BIO-2001	Medical Terminology	1
BIO-2034	Human Anatomy and Physiology I with Laboratory	4
BIO-2044	Human Anatomy and Physiology II with Laboratory	4
BIO-2094	Principles of Microbiology with Laboratory	4
CHE-1064G	Principles of General, Organic, and Biological Chemistry with Laboratory	4
HSC-1012	Professional Perspectives in Healthcare	2

HSC-1013G	Nutrition for Health Professionals	3
MAT-2063G	Introduction to Statistics	3
PSY-1013G	General Psychology	3
PSY-2013	Life Span Developmental Psychology	3
PSY-3063	Abnormal Psychology	3

Total 89 Hours

The student with a major in nursing must complete the designated cognate courses in lieu of a minor.

Pre-Licensure Nursing Program Policies

The program policies listed below pertain to the class entering the nursing program in Fall 2019 and will follow that class through graduation in Spring 2023.

All Nursing Department program curricula, requirements, and policies are subject to change given the nature of the ongoing review process between MVNU and the Ohio Board of Nursing. However, the effective date of any changes to progression or completion policies will be with the next class accepted into the nursing program.

Admission Policies and Criteria

Admission to the nursing major occurs after the spring semester of the student's freshman year at MVNU. The competitive application procedure includes these prerequisites:

- Cumulative grade point average (GPA) of 2.75 or greater at the end of the first year
- Completion of CHE-1014, CHE-1024, or equivalent, with a grade of C or better (a grade of C- is not acceptable) before entering the first clinical course. (Note: CHE-1034 may substitute for CHE-1014, and CHE-1044 may substitute for CHE-1024).
- Health exam conducted no earlier than 1 year prior to admission

At the beginning of Level I, nursing students must read, sign, and submit release forms located in the MVNU *Nursing Department Student Handbook*. Students must also complete the University's Sexual Harassment Prevention training before engaging in off-campus clinical experiences.

Acceptance to the nursing major is considered provisional pending a Federal and State Criminal Background check with no record that would prohibit participation in clinicals. The background check is arranged through the Department of Nursing in the fall semester Level I of the program. A \$400 non-refundable nursing entrance fee is assessed and

reflected in the billing statement when entering Level I nursing courses.

Prior to Participation in Clinicals:

- negative drug screening test
- criminal background check with no record that would prohibit participation in clinicals
- mal-practice insurance
- evidence of physical and mental ability to perform in the role of student nurse.

Participation in clinical courses also requires:

- American Heart Association Health Care Provider CPR certification
- complete immunization record

Cognate Courses

Students must earn a minimum of a C in all cognate courses. To meet cognate course requirements for nursing, cognates may only be repeated two times. This means a student may attempt to reach a grade of C or higher in cognate courses a maximum of three times.

Progression Policies

Nursing Courses: All nursing courses **must** be taken in the semester in which they are listed on the degree plan sheet in the applicable Nursing Handbook. Students cannot progress to the next clinical course within a block semester if they fail the first course in the block.

Students must satisfactorily complete each required nursing course. To pass each nursing course, students must meet the following criteria:

- achieve an overall grade of at least a "C" in each course. A grade of C- is not passing;
- earn at least a 76% average on exams in each course;
- achieve a satisfactory clinical evaluation (in clinical courses); and
- pass all laboratory skills tests (in courses with a lab component).
- *Failure to achieve any of these components will result in a grade of C- for the course, or the actual course grade, whichever is lower. If a student fails any part of a nursing course, the entire course, including laboratory and clinical components, must*

be retaken. Students needing to repeat a nursing course should refer to the reinstatement and readmission policies.

Nursing levels: The organization of the nursing program is by three distinct levels. Students entering Level I typically have sophomore status at the University. In Level I, the students take their first nursing core courses and begin clinical rotations. Level II students are usually University juniors. The typical senior year is Level III of the nursing program. A copy of the curriculum is available in the applicable *MVNU Nursing Department Student Handbook*. Students must meet specific criteria to progress from one level to another in the program, which are listed below.

Dosage calculations: In Levels I and II, students must receive a passing grade for dosage calculations, as specified in the syllabi of courses within which the tests are administered.

To progress from Level I to Level II nursing courses, students must:

- maintain a cumulative GPA of 2.75 or better;
- successfully complete all Level I nursing courses (grade of C or better); and
- complete BIO-2034, BIO-2044, and BIO-2094 (grade of C or better).

To progress from Level II to Level III nursing courses, students must:

- maintain a GPA of 2.75 or better;
- successfully complete all Level I and Level II nursing courses (grade of C or better); and
- show evidence in their Level III schedule of the ability to complete all non-nursing courses by the end of the Level III Fall semester.
- *Note: At the end of the junior year of nursing (Level II), nursing students must be able to show evidence of the ability to complete all **credited, non-nursing courses** by the end of the Fall semester of their Level III (senior) year of nursing. In the event a student is unable to demonstrate such evidence, remaining nursing courses must be deferred until the following year, after all credited non-nursing courses have been completed. Non-nursing courses taken for 0 credit must not conflict with nursing classes or clinicals during the final semester.*

Comprehensive End-of-Program Exam

During the final semester of the senior year, students take a comprehensive standardized exam. Details regarding testing and remediation are located in the syllabus of the course in which the test is administered.

Reinstatement

Any student eligible for progression who has a break in the sequence of nursing courses of less than 1 year must work through the Individualized Action Plan to contribute to the student's success, and to continue in the nursing program.

Readmission

Any student eligible for progression who has a break in the sequence of nursing courses of 1 year or more must work through an Individualized Action Plan. Components of the Individualized Action Plan may be required for readmission.

If a student has not progressed according to the progression policy, and wishes to re-enter the nursing program, the student must complete a readmission packet to the nursing department. In addition, students in this situation will be readmitted under the requirements of the new level they are joining. Readmission will be on a space-available basis.

If a student's enrollment at MVNU is interrupted for one regular semester or more they must be accepted for readmission before registering for courses again. Students must meet all requirements for readmission of both the University and Nursing Department. Students must meet the progression criteria and curriculum requirements for currently enrolled students. Students must petition in writing to the Nursing Academic Council for readmission. The Nursing Academic Council may vote to accept the student's petition for readmission, deny readmission, or accept conditionally. The Dean of the School of Nursing and Health Sciences will review the decision of the NAC and make a final determination. Students permitted to re-enter the program will be readmitted under policies of the new level they will be joining. Readmission will be on a space-available basis.

Program Completion Criteria

Program completion time limit: Students must complete all courses in the nursing curriculum within 5 years of the original start date in the Nursing Program

Graduation Requirements: To earn the Bachelor of Science in Nursing (BSN) degree, nursing majors must

complete a minimum of 120 semester hours (at least 30 semester hours must be taken at MVNU).

Dismissal

Dismissal from the nursing Program will occur for any of the following reasons:

- Failing any two nursing courses, or the same nursing course two times
- Breaching the standards of conduct as published in the *MVNU Catalog*
- Failing to practice within the appropriate scope of practice as set forth in division (B) of section 4720.01 and division (B)20 of section 4723.28 of the Revised Code for a registered nurse
- Failing to act in accordance with the Student Code of Conduct in clinical courses as defined by the Ohio Administrative Code 4723-5-12

Traditional Courses

Course Prefixes (Traditional)

An "a" at the beginning of a course number indicates that this course is offered on an "as-needed" basis. Often that would be alternate years, but that can vary depending on need.

A course number that has a "G" following it designates that the course has been approved as fulfilling a General Education Core requirement at the University. Some majors require specific core courses, so contact the department for details.

A course number that has a "g" following it designates that the course was an approved General Education Core requirement prior to 2012-2013. These courses will continue to meet general education requirements for students who declared their major during a previous catalog.

ABT - Applied Business Tech

ABT 2013 - Spreadsheet Applications in Business (3)

A problem-solving approach using Microsoft Excel 2007 as a tool. After a brief introduction to the features of Microsoft Excel 2007, the student will be challenged to use critical thinking and analysis to find efficient and effective solutions to real-life situations.

aABT 2023 - Desktop Publishing (3)

In this course, the students will learn the basics of Desktop Publishing using Microsoft Publisher and Microsoft Word. The student will learn how to create, save and print publications, and how to use drawing objects, graphics and text tools. The student will learn how to format, enhance and edit publications as well as work with publication designs. The course will instruct students in methods that will enhance publications by working with layers and applying special effects to objects, how to create and apply custom gradients, and apply advanced character and paragraph formatting. The course will also cover sound design principles which will be applied to all projects.

ABT 3013 - Database Applications in Business (3)

A problem-solving approach using Microsoft Access as a tool. This class will begin with an introduction to Microsoft Access and then will challenge the students to analyze data and solve real-life business problems efficiently and effectively.

aABT 3063 - Project Management (3)

A project-based course in which students learn to integrate the different components available in Microsoft Office. Students use Microsoft Project to develop, plan, schedule, and chart project information and balance workloads for people working on several projects at once.

Prerequisite: ABT-2013.

ABT 3073 - Business Communication (3)

A study of written and oral communication skills that are essential for communicating successfully in organizations. This course will use simulations, case studies and application assignments to focus on the process of written and oral communication in the business environment.

ABT 4002 - Content Teaching Methods in Business (2)

An experience-based study of methods for effective teaching in business in vocational and traditional classrooms. Students prepare and teach in four business content areas and become familiar with professional organizations and publications.

Prerequisite: Admission to the Teacher Education program.

ABT 5029 - Business Technology Internship (1-6)

A supervised experience performed in a professional environment related to business technology.

ACC - Accounting

ACC 2053 - Principles of Accounting I (3)

An introduction to fundamental accounting concepts and procedures including the nature of accounts and techniques of recording, classifying, summarizing and analyzing financial data as it relates to corporations.

Prerequisite: A grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

ACC 2063 - Principles of Accounting II (3)

A study of managerial accounting concepts for manufacturing operations, accounting techniques focusing on such items as cost concepts, cost behavior, break-even analysis, budgeting, variance analysis, short-term decision making, and pricing issues.

Prerequisite: ACC-2053.

ACC 3023 - Government and Not-For-Profit Accounting (3)

A study of accounting theory as it relates to governmental operations and not-for-profit organizations such as hospitals, colleges and universities, health and welfare organizations.

Prerequisite: ACC-2063.

aACC 3033 - Individual Income Tax (3)

The study of federal income tax law and tax procedures for individuals.

Prerequisite: A grade of B- or higher in ACC-2063.

aACC 3043 - Cost Accounting I (3)

An introduction to costing systems and methods. Special emphasis is given to cost concepts, classifications and measurement techniques in production planning and control under job order costing systems, standard cost accounting procedures, variance analysis, cost and profit responsibility reporting practices, product pricing, and distribution.

Prerequisite: A grade of B- or higher in ACC-2063.

ACC 3053 - Cost Accounting II (3)

An advanced study of accounting for management decision-making through the use of case studies, standard cost accounting procedures, variance analysis, cost and profit responsibility reporting practices, product pricing, and distribution.

Prerequisite: ACC-2063.

ACC 3063 - Intermediate Accounting I (3)

A study of accounting theory in income realization and cost expiration with emphasis on financial statement preparation and accounting for operating activities of corporations.

Prerequisite: A grade of B- or higher in ACC-2063.

ACC 3073 - Intermediate Accounting II (3)

A study in accounting theory with emphasis on financial statement preparation related to investing and financing activities of corporations.

Prerequisite: ACC-3063.

ACC 3083 - Accounting Information Systems (3)

A study of the flow of accounting information within a corporation. Special emphasis is given to practical application of contemporary accounting software.

Prerequisite: ABT-2013 and ACC-2063.

ACC 4013 - Accounting Ethics (3)

A study of accounting ethics focusing on the nature of accounting, ethical behavior, and the accounting code of ethics.

ACC 4043 - Fraud Examination and Forensic Accounting (3)

This course presents an introduction to the principles and methodology of forensic accounting, including fraud detection and prevention. Examination of management, employee, and financial statement fraud is emphasized. Fraud prevention concepts are covered in relationship to internal controls of business. Evidence gathering techniques are also addressed.

Prerequisite: ACC-3063.

aACC 4053 - Auditing Concepts and Practices (3)

A study of the function of independent audits, professional ethics, legal liability, internal control, auditing standards, worksheet applications and procedures. Special emphasis is given to ethical issues.

Prerequisite: ACC-3073.

aACC 4073 - Advanced Tax Accounting (3)

The study of taxation of property transactions, corporations, partnerships, and exempt organizations.

Prerequisite: ACC-3033 and ACC-3063.

aACC 4083 - Advanced Accounting I (3)

A study of advanced accounting theory as it relates to corporations in the areas of employee compensation, tax accounting, and business combinations. The course includes accounting concepts related to partnership entities.

Prerequisite: ACC-3073.

ACC 4093 - Accounting Capstone and Professional Conduct (3)

A review of fundamental accounting, tax, law, and auditing concepts through the use of comprehensive case studies and an analysis of proper professional ethics.

Prerequisite: ACC-4083.

aACC 4103 - Advanced Accounting II (3)

This course structure includes an analysis of financial accounting concepts related to international accounting and financial reporting for corporations. Students will focus on international financial reporting standards (IFRS), translation of foreign financial statements, accounting for foreign financial statements, and accounting for foreign transactions. Students will also explore unique U.S. accounting principles applied to special entities such as partnerships and not-for-profits.

Prerequisite: ACC-4083.

ACC 5019 - Independent Study in Accounting (1-4)**ACC 5029 - Accounting Internship (1-6)**

A supervised experience in public accounting to be taken during the spring of the student's fourth year.

Prerequisite: Departmental application and approval.

APM - Applied Music**APM 0021 - Preparatory Private Keyboard (1)**

A beginning course for the student who needs additional training before beginning the university level sequence in applied studies in piano. The course focuses on technical and interpretive development through intermediate level repertoire.

APM 0051 - Preparatory Secondary Private Instrument (1)

A beginning course for the student who needs additional training before beginning the university level sequence in applied studies in instrumental music. The course focuses on technical and interpretive development through intermediate level repertoire.

APM 0071 - Preparatory Private Instrument (1)

A beginning course for the student who needs additional training before beginning the university level sequence in applied studies in instrumental music. The course focuses on technical and interpretive development through intermediate level repertoire.

APM 1000 - Piano Proficiency Level I (0)

A non-credit transcript entry to indicate the student completed the first level of the piano proficiency requirements.

APM 1001G - Piano Class I (1)

A study of functional keyboard skills including sight reading, transposing, harmonizing, and improvising. Satisfactory/unsatisfactory grades are given after two (2) registrations. The course is repeated until the first piano proficiency examination is passed.

APM 1011 - Piano Class II (1)

A study of keyboard skills including advanced harmonic vocabulary, reading open score, and four-part compositions. The course is repeated until the second proficiency examination is passed.

Prerequisite: APM-1001G.

APM 1021G, 2021, 3021, 4021 - Private Keyboard I-VIII (0.5-2)

Private instruction in piano or organ. The usual credit is one (1) credit each semester. The course is repeatable for 2 credits at each level.

APM 1041G - Beginning Voice Class I-IV (1)

A classroom study of basic techniques of vocal tone and production. Satisfactory-unsatisfactory grades are given after two (2) registrations.

APM 1051, 2051, 3051, 4051 - Private Secondary Instrument I-VIII (0.5-2)

Private instruction in orchestra, band or keyboard instruments when a student's primary applied study is in another instrument. The usual credit is one (1) credit each semester. The course is repeatable for 2 credits at each level.

APM 1061, 2061, 3061, 4061 - Private Voice I-VIII (0.5-2)

Private instruction in voice technique and repertoire. The usual credit is one (1) credit each semester. The course is repeatable for 2 credits at each level.

APM 1071G, 2071, 3071, 4071 - Private Instrument I-VIII (0.5-2)

Private instruction in orchestral or band instruments. The usual credit is one (1) credit each semester. The course is repeatable for 2 credits at each level.

APM 1090 - Guitar Proficiency Level I (0)

A non-credit transcript entry to indicate the student completed the first level of the guitar proficiency requirements.

APM 1091G - Guitar Class I (1)

Introduction to the guitar, fundamentals of technique, and music notation reading. Students will learn beginning chords and finger-picking patterns to accompany songs. This course is for beginning students only. Students must have an electric or acoustic guitar to enroll.

APM 2000 - Piano Proficiency Level II (0)

A non-credit transcript entry to indicate the student completed the second level of the piano proficiency requirements.

APM 2031, 3031, 4031 - Private Music Composition (0.5-2)

Private instruction in composition. The usual credit is one (1) credit each semester. The course is repeatable for 2 credits at each level.

Prerequisite: MTH1002, MTH1033, and APM1001 .

APM 3000 - Junior Recital (0)

A non-credit transcript entry to indicate that the student has successfully performed a required junior recital.

APM 3001 - Piano Improvisation (1)

Private instruction in piano allows the student to improvise on the piano in the styles of choice. Related scales and chord progressions are drilled; genre pieces are played and improvised to develop the student's ability to build upon old and new pieces, bringing them fresh life and substance. Some previous experience with piano and/or music theory is highly recommended. Repeatable for up to six (6) credits.

Prerequisite: Permission of the instructor.

APM 4000 - Senior Recital (0)

A non-credit transcript entry to indicate that the student has successfully performed a required senior recital.

ARA - Middle East Studies

ARA 3004 - Introduction to Colloquial Arabic (4)

ARA 3014 - Seminar I: People & Culture of the Middle East (4)

ARA 3024 - Seminar II: Conflict & Change in the Middle East Today (4)

ART - Art

ART 1002G - Art in the Western World (2)

An introductory study of the history, theory and practice of western art. Special emphasis is given to a variety of media, and issues of Christianity and creativity.

ART 1013G - Design Foundations (3)

An introduction to the theory and practice of visual communication design with emphasis given to the study of composition, the elements of design, the dynamics of color, and the illusion of space.

Crosslisted as: GRD-1013G.

ART 1023 - Design Fundamentals (3)

An introductory study of composition, design, dynamics of color, and illusions of space.

ART 1033 - Color Theory (3)

A studio course introduction to the use of color and two-dimensional design in the process of art making. The emphasis is on developing a comprehension and appreciation for how colors interact and on gaining the ability to use color in an intentional and sensitive manner.

ART 1053G - Drawing I (3)

An introductory study in drawing with pencil, pen, brush and charcoal. Special emphasis is given to expression, discipline and development of observation and drawing skills.

aART 2003 - 3D Design (3)

This is an introductory course that will help students understand and manipulate three-dimensional forms. Students will work in a variety of media. Emphasis will be placed on the selection of materials to promote concepts. This course will also introduce students to basic fabrication techniques.

ART 2013G - Art and Architecture in Historical Italy (3)

A travel/study course involving a focused study of the history and culture of Italy through the media of art and architecture.

ART 2023 - Printmaking I (3)

An introductory study of printmaking materials and techniques including intaglio, collograph, monotype and various methods.

ART 2053 - Composition Concepts (3)

A study in composition and problem solving with emphasis on change and growth in the student's art perspective.

Prerequisite: ART-1053G.

ART 2063G - Painting I (3)

An introductory study of characteristics, materials and techniques of acrylic and oil painting with emphasis on design.

ART 2083G - Ceramics I (3)

An introductory study of pottery construction methods including hand building methods, wheel throwing, glazing, and firing.

ART 2093G - Darkroom Photography (3)

An introduction to black and white photography and design principles. Special emphasis is given to composition, expression, film developing, and printing.

aART 3003G - History of Art I (3)

A study of art history from prehistoric times to 1600 with emphasis on painting, sculpture, and architecture.

aART 3013G - History of Art II (3)

A study of art history from 1600 to the present with emphasis on painting, sculpture and architecture.

ART 3023 - Printmaking II (3)

An advanced study of intaglio, collograph, monotype and various methods.

Prerequisite: ART-2023.

ART 3042 - Art Materials and Teaching (2)

A study of instructional techniques and motivation strategies for teaching art. Special emphasis is given to development of creativity and psychomotor coordination during early and middle school years.

ART 3043 - Ceramics II (3)

An advanced study of pottery and ceramic techniques with emphasis on design and glaze composition.

Prerequisite: ART-2083G.

ART 3063 - Painting II (3)

An advanced study of composition, design and individual execution traits in acrylic and oil paints.

Prerequisite: ART-2063G.

ART 3093 - Sculpture (3)

An introductory study of technical and aesthetic aspects of sculpture.

Prerequisite: Junior Standing.

ART 4002 - Content Area Teaching Methods in Art (2)

An experience-based study of art and the substantive issues related to designing, developing, and executing art instruction in the preschool through twelfth grade visual art program.

Prerequisite: Admission to the Teacher Education program.

ART 4003 - Painting III (3)

An advanced course in painting with emphasis on the continued skills development integrating personal content and individuals goals. Students explore a variety of painting media such as oil, acrylic, water-based paint and mixed media.

Prerequisite: ART-3063.

ART 4013 - Aesthetics and Postmodern Art (3)

An introductory study of the philosophy of art and the issues of post-modern art through analysis of selected writings.

Prerequisite: Junior standing.

ART 4073 - Senior Project (3)

An advanced art study project in one medium, development of a senior art portfolio, and exhibition of works. Students must enroll for two semesters and earn a total of six (6) hours credit.

Prerequisite: Open only to senior art majors with advisor approval.

ART 4093 - Special Topics in the History of Art (3)

A study of topics in art history presented in research format.

Prerequisite: aART-3003G and aART-3013G.

ART 5019 - Independent Study in Art (1-4)

Independent study is available in studio art area after completing a two course sequence. An independent study application must be approved by the department.

ART 5029 - Art Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

ART 5091 - Art Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

BIB - Biblical Literature

BIB 1003G - Old Testament History & Literature (3)

A survey of the books of the Old Testament with emphasis given to the significant historical events, personalities, and theological traditions of Israel. This course is offered in traditional and non-traditional formats.

BIB 1013G - New Testament History & Literature (3)

A survey of the books of the New Testament with emphasis given to the significant historical events, personalities, and theological traditions of the early Christian church. This course is offered in traditional and non-traditional formats.

BIB 1014G - The Narrative of Scripture (4)

This course will aid in interpreting the scriptural narrative within the historical and cultural contexts of the Hebrew people and the New Testament Church with special attention to the Bible's literary features and theological themes.

BIB 2013 - Biblical Interpretation (3)

A study of the assumptions and principles underlying the interpretation of various types of literature found in the Bible. Special emphasis is given to exegesis of biblical passages.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G. .

BIB 2033 - Theology and Language of the Bible (3)

This course surveys the theology within the biblical text by introducing key elements of biblical languages and language tools within the interpretative task of Biblical Theology. One thematic approach to theological dialogue is used to produce a paradigm for maintaining the integrity of the entire canon within theological interpretation.

BIB 2053 - Teaching the Bible: Curriculum and Methods (3)

An introduction to the principles of curriculum design and the development of skills needed to teach effectively. Special emphasis is given to creating and facilitating learning experiences, presenting theologically and educationally sound teaching plans, and effectively evaluating curriculum materials to teach the Bible in a variety of settings.

aBIB 2083G - History & Geography of Biblical Lands (3)

A travel course to significant sites in biblical lands. Special emphasis is given to the geographical, historical and cultural background of the Bible.

aBIB 3003 - Eighth Century Hebrew Prophets (3)

An exegetical study of the books of Amos, Hosea, Micah, and Isaiah in their historical, social and religious contexts with contemporary applications.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3013 - Seventh and Sixth Century Hebrew Prophets (3)

An exegetical study of Jeremiah, Ezekiel, and their contemporaries. Special emphasis is given to developing theological themes.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3023 - Life and Teachings of Jesus (3)

A study of the life, works and words of Jesus as found in the four Gospels.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3043 - Life and Letters of Paul (3)

A study of the life and teachings of Paul and his insight into the personal and social dimensions of the Christian life.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3053 - Johannine Literature (3)

A study of John's gospel, the epistles of John, and Revelation in the light of the literature and culture of the first century Mediterranean world.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3063 - Psalms and Wisdom Literature (3)

A study of the psalms and their cultic settings in Israel's worship, the wisdom literature of the Old Testament with particular emphasis on the book of Job.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3073 - Acts and General Epistles (3)

A study of the origins and expansion of the Early Christian Church as recorded in Acts and the General Epistles.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3083 - Pentateuch (3)

A study of the Pentateuch (Genesis through Deuteronomy) and its cultural and literary background.

Prerequisite: BIB-1014G or both BIB-1003G and BIB-1013G.

aBIB 3113 - Biblical Archaeological Field Work (3)

Participation in a major archaeological excavation in Israel provides opportunity for the observation and practice of techniques in field archaeology. During the excavation process, the student observed and participates in methods of excavation, recording, decipherment, classification, cataloguing, and preservation of various finds. Lectures and field trips led by the archaeological staff provide for a comprehensive field experience.

BIB 5019 - Independent Study in Bible (1-4)**BIO - Biology****BIO 1014G - Principles of Biology with Laboratory (4)**

A study of life processes, organization and structure common to animals, plants, and microbes. Laboratory exercises are included. The course is designed for non-majors and does not count toward the biology major or minor.

Corequisite: BIO-1010.

BIO 1054G - General Zoology with Laboratory (4)

A survey of the animal kingdom, its taxonomy, morphology, and physiological processes at the cellular level through the organismic level, and their relationship to the environment. A laboratory includes observation, experimentation, and dissection of invertebrates and vertebrates.

Corequisite: BIO-1050.

BIO 1074G - General Botany with Laboratory (4)

The systematic study of anatomy, physiology, and taxonomy of plants. The laboratory emphasizes morphology, taxonomy, and physiology of plants.

Corequisite: BIO-1070.

BIO 1094G - Environmental Conservation and Sustainability (4)

An historical and contemporary study of the conservation, abuse and waste, and sustainable use of natural resources. Special emphasis is given to community service via a local conservation project. A laboratory is included.

Corequisite: BIO-1090.

BIO 2001 - Medical Terminology (1)

A self-directed course in medical terminology that uses a body systems approach.

BIO 2034 - Human Anatomy and Physiology I with Laboratory (4)

A study of the structure and function of the human body at cellular and organ system levels. A laboratory emphasizes anatomy.

Prerequisite: BIO-1054G is recommended. Corequisite: BIO-2030.

BIO 2044 - Human Anatomy and Physiology II with Laboratory (4)

A study of the structure and function of the human body at cellular and organ system levels. A laboratory emphasizes physiology.

Prerequisite: BIO-2034. Corequisite: BIO-2040.

BIO 2064 - Invertebrate Zoology with Laboratory (4)

A study of representative invertebrates of the major and minor phyla and selected aspects of their biology. The laboratory emphasizes dissection of major phyla representatives and requires an invertebrate collection.

Prerequisite: BIO-1054. Corequisite: BIO-2060.

BIO 2094 - Principles of Microbiology with Laboratory (4)

This course is intended for students with a basic background in biology and chemistry. The purpose of this course is to provide the student with knowledge associated with the structure, function, and identification of microorganisms and their relationship to public health, industry, and agriculture. Class lectures and laboratories

are designed to integrate knowledge with the practical techniques common to microbiology such as cell culturing, identification of microorganisms, cell staining, immunology, and biochemistry of microorganisms.

Prerequisite: CHE-1044 or CHE-1064G. Corequisite: BIO-2090.

BIO 3003 - Pathophysiology (3)

A study of the abnormal functions of the body during disease that includes case study discussions and research writing.

Prerequisite: BIO-2044 or BIO-3064.

BIO 3004 - Microbiology with Laboratory (4)

A study of the structure, function, and identification of micro-organisms. Special emphasis is given to relations to public health, industry, and agriculture.

Prerequisite: CHE-1064G or CHE-1044; and BIO-1014G or BIO-1054G. Corequisite: BIO-3000.

BIO 3009 - Research Problems (1-6)

A research project in biology designed under the direction of faculty.

Prerequisite: BIO-1054G, BIO-1074G and instructors permission.

aBIO 3014 - Principles of Ecology with Laboratory (4)

A study of the interrelationships and population dynamics of living organisms with abiotic factors in the environment. A laboratory is included.

Prerequisite: BIO-1054G or BIO-1074G; Both are recommended. Corequisite: BIO-3010.

aBIO 3024 - Field Botany with Laboratory (4)

A study of local field plants. Emphasis is given to taxonomy and making an herbarium collection. A laboratory is included.

Prerequisite: BIO-1074G. Corequisite: BIO-3020.

BIO 3034 - Genetics with Laboratory (4)

A study of the principles of inheritance. Special emphasis is given to the nature and behavior of genetic material in plants, animals, and microbes. A laboratory is included.

Prerequisite: BIO-1054G and either CHE-1044 or CHE-1064G. Corequisite: BIO-3030.

BIO 3045 - Comparative Vertebrate Anatomy with Laboratory (5)

A phylogenetic study of vertebrates based on anatomy and embryology of extinct and extant forms. A laboratory is included.

Prerequisite: BIO-1054G; BIO-2064 is recommended. Corequisite: BIO-3040.

BIO 3064 - Vertebrate Physiology with Laboratory (4)

A study of basic physiological processes in vertebrates from cellular through organ systems levels. The laboratory investigates selected aspects of vertebrate physiology.

Prerequisite: BIO-3045; CHE-3034 is recommended. Corequisite: BIO-3060.

aBIO 3074 - Ornithology with Laboratory (4)

A study of the classification, life history, behavior, morphology, physiology, and ecology of birds. Emphasis is given to identifying birds of eastern North America. A laboratory is included, and field trips may be required.

Prerequisite: BIO-1054G. Corequisite: BIO-3070.

BIO 3084 - Clinical Preceptorship (4)

Observation of health care professionals in a clinical setting, library research, and interviews with practitioners on societal issues that confront health care providers.

Prerequisite: (a) Biology major, (b) junior standing, (c) eligibility and intent to apply to graduate or to medical school the summer following completion of the preceptorship, (d) approval by the Biology Department, and (e) if pre-medical, pre-dental, pre-optometry, or pre-veterinary medical, approval by the Pre-Medical Committee. BIO-3064 or BIO-3104 are recommended.

aBIO 3094G - Tropical Ecology with Laboratory (4)

An off-campus study in Central America includes tropical flora and fauna at various levels of altitude from the cloud forest to the sea shore.

Prerequisite: BIO-1054G or BIO-1074G. Corequisite: BIO-3090.

BIO 3104 - Human Physiology with Laboratory (4)

A study of the basic physiological processes in humans from cellular through organ systems levels. The laboratory investigates selected aspects of human physiology.

Prerequisite: BIO-3045; CHE-3034 is recommended. Corequisite: BIO-3100.

BIO 3114 - Advanced Human Anatomy with Lab (4)

This course is intended for students with a basic background in biology and chemistry. The purpose of this course is to provide the student with knowledge associated with the anatomical structure in humans. The course is designed to help students understand the relationships and organization of the major structures within a designated body region.

Prerequisite: BIO-1054. Corequisite: BIO-3110.

BIO 3154 - Aquatic Environments with Laboratory (4)

A study of the biology and ecology of aquatic organisms and the impact of human culture and activity in the oceans and seas. Special emphasis is given to problems related to over harvesting, pollution, and exploitation of the marine environment. A laboratory is included.

Prerequisite: BIO-1054G or BIO-1074G; Both are recommended. Corequisite: BIO-3150.

BIO 4001 - Technical Writing in Biology (1)

A study of oral and written communication skills needed by biologists. A research paper is required.

Prerequisite: Senior classification in biology or departmental permission.

BIO 4002 - Content Area Teaching Methods in Life Sciences (2)

An experience-based study of the methods and tools used in teaching life science in secondary schools. Students develop and teach a variety of units, including lecture-demonstration, a laboratory experiment, and assist with a science fair.

Prerequisite: Admission to teacher education program. Corequisite: EDU-4001.

BIO 4011 - Principles of Bioethics (1)

A study of Christian principles of bioethics with an emphasis on personhood and the sanctity of human life.

aBIO 4014 - Freshwater Ecology with Laboratory (4)

A study of the freshwater environment as a resource and habitat for plants and animals. Special emphasis is placed on streams, lakes, and wetlands. A laboratory is included and a macroinvertebrate collection is required.

Prerequisite: BIO-1054G or BIO-1074G; BIO-2064 is recommended. Corequisite: BIO-4010.

BIO 4044 - Field Zoology with Laboratory (4)

A field study of the biology, ecology, behavior, and identification of terrestrial animals including insects, amphibians, reptiles, and mammals. A laboratory is included and a specimen collection is required.

Prerequisite: BIO-1054G; BIO-2064 is recommended. Corequisite: BIO-4040.

BIO 4064 - Molecular Biology with Laboratory (4)

A study of the principles of genes, chromosomes, transcription, translation, and regulation. The laboratory focuses on DNA manipulation using plasmids, restriction enzymes, gel electrophoresis, and tools associated with recombinant DNA technology.

Prerequisite: BIO-3034 and CHE-3024; BIO-4073 is recommended. Corequisite: BIO-4060.

aBIO 4074 - Developmental Biology with Laboratory (4)

A study of development in representative invertebrates and vertebrates from gametogenesis through organogenesis with emphasis given to physical and chemical mechanisms. A laboratory is included.

Prerequisite: BIO-1054G; BIO-3045 and BIO-3064 are recommended. Corequisite: BIO-4070.

BIO 4073 - Cell Biology (3)

An introduction to the cellular structure and physiology. Special emphasis is given to the plasma membrane and the transport of molecules into cells, internal membranes and their function, cell nucleus and chromosome structure, energy conversion and mitochondria in chloroplasts, cytoskeleton, cell growth division, and the extracellular matrix.

Prerequisite: BIO-1054G; CHE-3034 and BIO-3064 are recommended.

BIO 4089 - Special Topics in Biology (1-4)

A study of specialized topics in biology. The course may be repeated as topics vary.

Prerequisite: Instructor permission. Corequisite: BIO-4080.

BIO 4091 - Biology Seminar (1)

A discussion of current topics in biology from a Christian perspective.

Prerequisite: Senior classification with a major in biology.

BIO 5019 - Independent Study in Biology (1-4)

BIO 5029 - Biology Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

BIO 5091 - Biology Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

BLA - Biblical Languages

BLA 2003 - Beginning New Testament Greek I (3)

A beginning grammar of the Greek New Testament with emphasis on forms, syntax, and vocabulary.

BLA 2013 - Beginning New Testament Greek II (3)

A continued study of the grammar of the Greek New Testament with emphasis on forms, syntax, and vocabulary.

Prerequisite: BLA-2003.

BLA 2023 - Beginning Biblical Hebrew (3)

A beginning study of Hebrew grammar and vocabulary with translation of selected Old Testament passages.

BLA 3013 - Greek Readings (3)

Readings from selected New Testament, Septuagint, Koine or classical passages. The course may be repeated for credit as passages vary.

Prerequisite: BLA-2013.

BLA 5019 - Independent Study in Biblical Languages (1-4)

BSS - Business Special Studies

BSS 2089 - Business Seminar (0-4)

A course allowing students to experience the business world in its actual environment. Special emphasis is given to social responsibility of business and society. Students may choose to repeat this course for a total of 8 hours.

BSS 3091 - Enactus (0-1)

A course providing practical experience in entrepreneurship and economic development. Student work with primary, secondary, and high school students, and local and international businesses and organizations, and compete in regional and national competitions. Students may repeat the course for a total of eight hours credit. Students who choose to enroll for 0 credit receive satisfactory or unsatisfactory grades.

BSS 5019 - Independent Study in Business (1-4)

BSS 5029 - Business Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

BSS 5091 - Business Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

CED - Christian Education

CED 2013 - Foundations of Christian Education (3)

An introduction to the teaching ministry of the church from the perspective of historical, theological, theoretical, philosophical, and sociological foundations, with a special emphasis on key contributions that shape the educational ministry of the church today.

CED 2043 - Life Span Ministries (3)

A study of human development and its relationship to spiritual development and ministries at each stage of life. Special emphasis is given to the development of whole persons in Christ.

Prerequisite: CED-2013.

CED 2053 - Teaching the Bible: Curriculum & Methods (3)

An introduction to the principles of curriculum design and the development of skills needed to teach effectively. Special emphasis is given to creating and facilitating learning experiences, presenting theologically and educationally sound teaching plans, and effectively evaluating curriculum materials to teach the Bible in a variety of settings.

CED 2089 - Special Topics in Christian Education (1-2)

An in-depth study of a special topic in Christian education and its impact on the educational ministry of the church.

CED 3003 - Educational Ministries in the Church (3)

A survey of the various educational ministries of the church designed for students preparing for senior pastor or lay ministry leader for making disciples in the church, providing an overview of foundational principles of Christian education, leadership functions, and implementation strategies for Sunday School, discipleship, and age-level ministries.

CED 3010 - Youth Ministries Workshop (0)

Participation in a national youth ministries conference, with pre-conference reading required prior to and assigned work during and after the event. This course is graded on a satisfactory/unsatisfactory basis. The course may be repeated.

Corequisite: Take CED-3013.

CED 3013 - Missional Strategies in Youth Ministry (3)

An investigation of the principles of ministry with youth, with special emphasis on the creation and implementation of youth ministry programs in the local church and the development of organizational and leadership strategies with parents, volunteer workers, and students themselves.

Prerequisite: CED-2013 or CED-3003.

aCED 3022 - Missional Strategies in Adult Ministry (2)

An investigation of the principles of ministry with adults, with special emphasis on the creation and implementation of adult ministry programs in the local church and the development of organizational and leadership strategies with parents, volunteer workers, and students themselves.

Prerequisite: CED-2013 or CED-3003.

aCED 3030 - Children's Ministries Workshop (0)

Participation in a national children's ministries conference, with pre-conference reading required prior to and assigned work during and after the event. The course may be repeated.

Corequisite: CED-3033.

CED 3032 - Church and Family Recreation (2)

An overview of recreational strategies and activities within a church's framework, from traditional organized competitive sports to the less structured, noncompetitive recreational

opportunities offered within the context of educational ministries. Emphasis is placed on the philosophy of ministry as ministry within the body of Christ to the whole person.

aCED 3033 - Missional Strategies in Children's Ministries (3)

An investigation of the principles of ministry with children, with special emphasis on the creation and implementation of children's ministry programs in the local church and the development of organizational and leadership strategies with parents and volunteer workers.

Prerequisite: CED-2013. Corequisite: CED-3030.

aCED 3042 - Evangelism of Children (2)

A study of the principles and methods used to evangelize children and their families through the various programs and ministries offered in the local church.

Prerequisite: CED-2013 or CED-3003.

CED 3052 - Evangelism of Youth (2)

A study of the principles and methods used to evangelize youth and their families through the various programs and ministries offered in the local church.

Prerequisite: CED-2013 or CED-3003.

CED 3062 - Developmental Missions (2)(G)

A study of the principles and methods for teaching children and youth to effectively communicate Christ and serve the church outside their own cultural context. Special emphasis is given to the history and philosophy of missions, contemporary culture and subsequent strategies for missions, multicultural communication and ministry, programming for missions education, and encouraging the call to full-time missionary service in children and youth. Involvement in a university missions trip during the course provides training in planning and administering age-level missions trips.

Prerequisite: CED-2013 or CED-3003.

CED 3072 - Family Ministries in the Church (2)

An in-depth study of ministries to families, exploring the biblical understanding of the family, gaining an awareness of contemporary needs and challenges related to families, and developing responses and strategies for supporting families within the ministry of a local congregation.

Prerequisite: CED-2013 or CED-3003.

aCED 3082 - Pastoral Care of Children (2)

An introduction to the pastoral care of children, including psychological, cultural, and social considerations related to nurturing their personal and spiritual growth. Special emphasis is given to researching issues and problems common to children and their families, and developing a philosophy and practice of relational ministry and pastoral counseling that is biblical, relevant, and practical.

Prerequisite: CED-2013 or CED-3003.

CED 3083 - Discipleship and Pastoral Care of Youth (3)

An introduction to the pastoral care of youth, including psychological, cultural, and social considerations related to nurturing their personal and spiritual growth. Special emphasis is given to researching issues and problems common to youth and their families, and developing a philosophy and practice of relational ministry and pastoral counseling that is biblical, relevant, and practical.

Prerequisite: CED-2013 or CED-3003.

CED 3092 - Pastoral Staff Ministry (2)

An expanded study of the biblical, philosophical, and relational basis of effective pastoral staff ministry in the local church. An understanding of the nature of pastoral ministry and the role of pastoral staff within the structure of the church is developed, along with principles of teamwork and collaboration in ministry, church personnel management and policy formulation, administrative methods and employment procedures, and various issues related to the associate ministry in the local church.

CED 4013 - Leadership and Administration of Christian Education (3)

A study of Christian leadership integrating leadership/management theory and biblical servant leadership principles into the work of ministry. Special emphasis is given to the application of these principles to the organization and administration of educational ministries in the Church.

Prerequisite: CED-2013 or CED-3003.

CED 4043 - Philosophy of Christian School Education (3)

An introduction to the historical, cultural, biblical and philosophical foundations of Christian school education. Emphases include exploring all aspects of the educational endeavor (e.g. goals, nature and role of the teacher and learner, content, pedagogy, curriculum design, etc.) grounded in biblical truth and the redemptive work of Jesus

Christ. This course fulfills requirements for ACSI teacher certification.

CED 5019 - Independent Study in Christian Education (1-4)

CED 5091 - Christian Education Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of the Intent for Honors Research Project by the Honors Program Director.

CHE - Chemistry

CHE 1034G - General Chemistry I with Laboratory (4)

A study of chemical principles with emphasis upon conceptual foundations. Topics include atomic structure, chemical nomenclature, stoichiometry, chemical bonding, gases, heat, and the properties of the elements.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

Corequisite: CHE-1030.

CHE 1044 - General Chemistry II with Laboratory (4)

A study of the properties and reactions of matter. Special emphasis is given to the structure of solids and liquids, solutions, equilibrium, thermodynamics, kinetics, electrochemistry, acid-base reactions, coordination chemistry, and nuclear chemistry.

Prerequisite: CHE-1034; MAT-1023 is strongly recommended. Corequisite: CHE-1040.

CHE 1064G - Principles of General, Organic, and Biological Chemistry with Laboratory (4)

A study of the basic principles of general chemistry, organic chemistry, and biochemistry. Topics include ions, stoichiometry, reactivity, organic compounds (proteins, lipids, carbohydrates, and nucleic acids), enzymes, and metabolism. Laboratory work parallels lecture topics.

Prerequisite: Must have a grade of C- or better in MAT-0083, or an ACT Mathematics sub-score of 17 or higher, or an SAT Mathematics sub-score of 480 or higher. Corequisite: CHE-1010.

CHE 2001 - Special Topics in Chemistry and Physical Science (1)

Explorations of topics in chemistry or physics. Topics could include, but are not limited to pharmaceutical chemistry, polymer chemistry, food chemistry, coordination chemistry, physics of music, and physics of SCUBA diving. This course is repeatable for up to 4 semester hours for different topics.

Prerequisite: CHE-1034G or PHY-2014. Sophomore standing required.

aCHE 3014 - Quantitative Chemistry with Laboratory (4)

A study of the theories, techniques, and calculations of chemical analysis. Laboratory exercises include representative titrimetric, gravimetric, potentiometric, and spectrophotometric determinations, and chemical and chromatographic separations.

Prerequisite: CHE-1044. Corequisite: CHE-3010.

CHE 3024 - Organic Chemistry I with Laboratory (4)

A study of carbon compounds including their molecular structures, physical properties, bonding, stereochemistry, chemical reactions, and reaction mechanisms. A laboratory includes techniques of separating and identifying organic compounds.

Prerequisite: CHE-1044. Corequisite: CHE-3020.

CHE 3034 - Organic Chemistry II with Laboratory (4)

A study of aromatic hydrocarbons and organic compounds containing oxygen, nitrogen, phosphorus, sulfur and the halogens. Special emphasis is given to instrumental techniques for structural determination. A laboratory includes syntheses and identification of unknown organic substances.

Prerequisite: CHE-3024. Corequisite: CHE-3030.

CHE 3084 - Clinical Preceptorship (4)

Observation of health care professionals in a clinical setting, library research, and interviews with practitioners on societal issues that confront health care providers.

Prerequisite: (a) Junior standing, (b) eligibility and intent to apply to graduate or to medical school the summer following completion of the preceptorship, (c) approval by the student's major department, and (e) if pre-medical, pre-dental, pre-optometry, pre-chiropractic, pre-podiatry or pre-veterinary medical, approval by the Pre-Medical Committee.

CHE 4001 - Technical Writing in Chemistry (1)

Practice in written communication skills needed by scientists in higher education, industry and research. Projects include a literature search, a scientific review, abstracting an article, writing a report of original experimental work for publication in American Chemical Society format, and interpreting a scientific discovery to the public.

Prerequisite: Chemistry major and senior classification.

CHE 4014 - Biochemistry I with Laboratory (4)

A study of the structure and function of biological compounds. Topics include water, amino acids, proteins, enzymes, carbohydrates, lipids and nucleic acids. A laboratory emphasizes techniques for isolating and characterizing biological compounds, including chromatography and electrophoresis.

Prerequisite: BIO-1054 and CHE-3034. Corequisite: CHE-4010.

CHE 4024 - Biochemistry II with Laboratory (4)

A study of the metabolic reactions of living systems. Topics include bioenergetics, biosynthesis, digestion/transport, regulation of metabolism, and medical conditions that are caused by the lack of a specific enzyme. A laboratory includes studies of protein structure and enzyme kinetics.

Prerequisite: CHE-4014. Corequisite: CHE-4020.

aCHE 4034 - Inorganic Chemistry with Laboratory (4)

A study of modern concepts of chemical structure and bonding, with descriptive chemistry of selected elements. A laboratory includes inorganic syntheses, characterizations, and analyses.

Prerequisite: CHE-3014. Corequisite: CHE-4030.

aCHE 4054 - Physical Chemistry with Laboratory (4)

Quantitative and theoretical investigation of thermodynamics, changes of state and chemical kinetics. Laboratory exercises measure thermodynamic properties of gases, equilibrium constants, and kinetic parameters of chemical reactions.

Prerequisite: MAT-1034, CHE-3014, and PHY-2024. Corequisite: CHE-4050.

aCHE 4074 - Instrumental Analysis with Laboratory (4)

A study of advanced analytical techniques and electronic instrumentation used in measurement.

Prerequisite: CHE-3014. Corequisite: CHE-4070.

CHE 5019 - Independent Study in Chemistry (1-4)

CHE 5029 - Chemistry Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

CHE 5091 - Chemistry Honors Research Project (1-2)

A capstone research project within the major for honors students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

CHH - Church History

CHH 3013 - Christian Heritage I (3)

A study of church history and historical theology from the early church through the Middle Ages.

Prerequisite: HIS-1013G.

CHH 3053 - Christian Heritage II (3)

A study of church history and historical theology from the Reformation to the 20th century.

Prerequisite: CHH-3013 and HIS-1013G.

CHH 4053 - History of the Church of the Nazarene (3)

A historical study of the modern holiness movement and the Church of the Nazarene. Special emphasis is given to research from primary sources and the polity of the Church of the Nazarene.

CHH 4063 - Studies in Modern Denominational History (3)

A study of the history and polity of a particular denomination in the 19th and 20th centuries. Special emphasis is given to research from primary sources.

CHH 5019 - Independent Study in Church History (1-4)

CJU - Criminal Justice

CJU 1002 - Field Observation in Criminal Justice (2)

An introductory course to the field of criminal justice specifically related to observing positions in various agencies and exploring the suitability of the student to become a criminal justice professional. Students will participate in up to thirty (30) volunteer hours of observation and participation in a field experience, as well as weekly classroom interaction.

Corequisite: CJU-1003.

CJU 1003 - Introduction to Criminal Justice (3)

A survey of the criminal justice system in the United States, with specific focus on the three major components of police, courts, and corrections. The nature and relationships of the various criminal justice agencies is explored. This course provides the groundwork for the student of criminal justice by analyzing and describing the agencies of justice and the procedures used to identify and deal with criminal offenders.

Corequisite: CJU-1002.

CJU 1012 - Writing for Criminal Justice Professionals (2)

This course is designed to help the criminal justice student in academic classes and later in criminal justice professional writing by developing specific writing and thinking skills that are necessary to the writing process in the criminal justice profession.

CJU 2003 - Introduction to Policing (3)

An examination of the philosophy, history, and agencies of law enforcement at the local, state, and federal levels. Special emphasis is given to analyzing the roles and responsibilities of law enforcement in a democratic society as well as contemporary issues of corruption, brutality, use of deadly force, and community-oriented policing.

Prerequisite: CJU-1003.

CJU 2023 - Criminal Investigations (3)

An overview of the field of criminal investigations which presents procedures, techniques, and applications of criminal investigations by integrating coverage of modern investigative tools with discussion of established investigation procedures and techniques.

Prerequisite: CJU-1003.

CJU 3003 - Criminal Law and Procedures (3)

A course in basic principles of substantive criminal law and analysis of criminal offenses. Special emphasis is given to

the constitutional aspects of criminal procedure related to investigations, arrests, search and seizures, pretrial processes, trial rights, sentencing and appeals.

Prerequisite: MAT-2063G.

CJU 3013 - Juvenile Justice (3)

The study of juvenile delinquency that analyzes and describes the nature and extent of delinquency, the suspected causes of delinquent behavior, and the environmental influences on youthful misbehavior. The course also covers critical issues in juvenile delinquency and analyzes crucial policy issues such as the use of pretrial detention, waiver to adult court, and restorative justice programs.

Prerequisite: CJU-1003.

CJU 3023 - Criminology and Victimology (3)

Provides the framework for studying criminology, current theories, and major forms of criminal behavior. The concept of victimization is also studied, as well as theories of victimization, the impact of crime on victims, and programs designed to help victims of crime.

Prerequisite: CJU-1003.

aCJU 3034 - Introduction to Forensic Science With Laboratory (4)

A survey of forensic science and crime scene investigations through the use of a systematic theory that follows scientific principles. A laboratory is included on basic steps of crime scene analysis and techniques with reference to forensic entomology, botany, pathology, blood chemistry, anthropology, physical and trace evidence, and ballistics.

Prerequisite: Any General Education Science with Laboratory (BIO-1014G, BIO-1054G, BIO-1074G, BIO-1094G, CHE-1014G, CHE-1034G, ESS-1034G, ESS-1044G, ESS-1054G, or PHY-2014G). Corequisite: CJU-3030.

aCJU 3083 - Terrorism and Homeland Security (3)

A study of the methods of terrorism (domestic and international), terrorist operations, cyber-terrorism, and the mind of the terrorist within a national response of providing for homeland security. The roles undertaken by local, state, and national agencies to respond to the threat of terrorism are given specific consideration.

CJU 3103 - Chemical Dependence and Abuse (3)

A survey of drug and alcohol use, abuse, and their relationships to the criminal justice system and society. The

use of alcohol, tobacco, caffeine, prescription drugs, and illicit drugs are explored, including explanations for misuse and dependence with emphasis on the economic and social costs to society. The role of the criminal justice system as an agent of social control in the containment of chemical dependence and abuse are also considered.

Crosslisted as: PSY-3103.

CJU 3113 - Social Research Methods (3)

A study of empirically-based concepts and methods used in social research, including analysis of community/societal needs, micro-level intervention, and analysis of program effectiveness. Emphasis is given to both quantitative and qualitative research paradigms.

Prerequisite: MAT-2063G. Crosslisted as: SWK-3003.

CJU 4002 - Criminal Justice Capstone: Restorative Justice in Theory and Practice (2)

A comprehensive reflection on the field of criminal justice with particular emphasis on restorative justice: the theory of justice that emphasizes repairing the harm and healing those who have been harmed by crime (victims, offenders, and communities).

Prerequisite: CJU-1003 and senior classification with a major in criminal justice.

CJU 4023 - Crisis Intervention (3)

A study of emotionally charged situations that agents in the criminal justice system might experience. Special emphasis is given to basic safety and security measures, mediation tactics, strategies for resolving crises, and best practices in hostage negotiations.

Prerequisite: CJU-1003.

CJU 4034 - Corrections (4)

A study of the adult corrections system, its history, the criminal offender, correctional facilities, and correctional programs.

Prerequisite: CJU-3023.

CJU 4089 - Special Topics in Criminal Justice (1-3)

Small group discussions of readings in current research literature. Topics vary from year to year; the course may be repeated.

Prerequisite: Instructor's permission and junior standing.

CJU 5019 - Independent Study in Criminal Justice (1-4)

Students who elect to conduct an independent study project are required to present the project in the departmental Research Symposium, or in a prior approved seminar or classroom setting.

CJU 5029 - Criminal Justice Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Students who elect to participate in an internship are required to present the internship in the departmental seminar.

Prerequisite: Departmental application and approval.

CJU 5091 - Criminal Justice Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

COM - Communication

COM 1013G - Interpersonal Communication (3)

A study of communication theory and its value in interpersonal relationships. Special emphasis is given to the development of the communication process, appropriate techniques, and skills. This course is offered in traditional and non-traditional formats.

COM 1023G - Public Speaking (3)

A study in the preparation and delivery of informational and persuasive speeches. This course is offered in traditional and non-traditional formats.

COM 1033 - Introduction to Video Production (3)

An introduction to video production through personal examination, observation, and hands-on experience in production and post-production work.

COM 1043 - Introduction to Film and Television Arts (3)

This course will provide a historical survey of the technological and artistic development of visual storytelling, introduce basic cinematic concepts, and familiarize students with the components of story structure. In addition, the course will offer students an opportunity to reflect on the culture and spiritual roles and responsibilities of the visual storyteller.

COM 1053G - Introduction to Communication (3)

Through the use of readings, discussion forums, exercises and writing, we will explore the often taken-for-granted power of communication that makes people unique among all creatures. We will discover that talk is not cheap, but rather it allows us to express our humanity in a rich and powerful way. The course will cover interpersonal, small group, and public communication. This course is available for non-traditional students, online only.

COM 1061 - Sportscasting Practicum (0-1)

A study of the roles of the sportscaster and sportscasting techniques. Practical experience includes covering major college sports with emphases on basketball and baseball. The course is repeatable up to six (6) credit hours.

aCOM 2002 - Public Relations Practicum (2)

A hands-on experience where students learn aspects of public relations by working with professionals in the field.

Prerequisite: COM-2013 or MAR-2013; and COM-3113 or MAR-3113.

COM 2003G - Small Group Communication (3)

A study of group communication tasks, problem-solving and decision making. Special emphasis is given to role emergence, leadership, and information processing.

COM 2013 - Introduction to Public Relations (3)

A survey of the public relations discipline including the professional foundation of ethics, law and theory as well as the process, audiences, and professional practice areas.

Crosslisted as: MAR-2013.

COM 2053G - Media and Society (3)

A study of history and current issues in mass communication. Special emphasis is given to technology, social and regulatory control, economics, audience uses and gratification, and media effects on individuals and society.

COM 2063 - Introduction to Radio Performance (3)

Practical experience in operating an audio control console and announcing for WNZR. A study of communication and performance skills for becoming an announcer. Special emphasis is given to interpreting copy, voice and diction, music announcing, and interviewing.

COM 2072 - Radio Production (2)

A study of radio production skills and processes. Students plan and create production pieces to be aired on WNZR-FM.

Prerequisite: COM-2063.

COM 2081 - Fundraising Practicum (0-1)

Practical experience in WNZR's annual Lifeline fundraiser with hands-on assignments in planning, promotion, execution and follow-up. Fundraising principles are emphasized.

COM 2092 - Underwriting Practicum (0-2)

A practicum in which students learn aspects of radio underwriting and sponsorship in the non-commercial radio station setting. The practicum includes hands-on experience in WNZR.

Prerequisite: COM-2063.

COM 2103 - Advanced Video Production and Performance (3)

An advanced study of the principles behind quality video production with emphasis on the performance aspect of production in the studio and in the field. Special emphasis is given to good studio layout and design.

Prerequisite: COM-1033.

COM 2111 - Digital Media Practicum - Radio (0-1)

Practical announcing experience at WNZR, including hands-on assignments with on-air announcing, news reporting and editing, production, community outreach, and sportscasting. The course requires nearly 40 hours of work for each credit earned. This course may be repeated for up to five (5) credit hours; however, no more than four (4) credit hours may be applied to a major or minor in communication. Please see your advisor for details.

Prerequisite: COM-2063.

COM 2123 - Mass Media Writing I (3)

An introduction to news, feature, editorial, and sports writing, using The Lakeholm Viewer student newspaper and related media sites as laboratories for interviewing, writing and editing in AP style for print and online delivery.

aCOM 3013 - Organizational Communication (3)

A study of theories, principles and practices for organizing and communicating. Special emphasis is given to the functional and structural aspects of organizational

communication such as organizational effectiveness, intelligence, and networks. This course is offered in traditional and non-traditional formats.

aCOM 3043G - Persuasion (3)

A study of principles and techniques for attitude and behavior change of group and society. Special emphasis is given to the use and misuse of propaganda.

aCOM 3073G - Intercultural Communication (3)

An examination of the theoretical base for intercultural communication, intercultural distinctives, approaches to understanding cultures, and intercultural encounters. Discussions and readings include, but are not limited to, current issues such as mass communication process, media effects, socio-cultural influences of news media, media religiosity, and international information flow.

aCOM 3103 - Video Directing and Producing (3)

An advanced study of the principles behind quality video production with emphasis on the role of the project producer and director. Special emphasis is given to applications to television, film directing, and film producing in the studio and in the field.

Prerequisite: COM-2103 and COM-3132.

COM 3113 - Advanced Public Relations (3)

An introduction to strategic issues and effective practices of communication between organizations and their constituencies. These include the study of public opinion research, media relations, public communication campaigns, consumer identity, and representational ethics. Students gain practical experience in writing news releases, conducting surveys and designing integrated campaigns.

Prerequisite: COM-2013 or MAR-2013. Crosslisted as: MAR-3113.

COM 3123 - Mass Media Writing II (3)

Advanced nonfiction storytelling, including news, feature, editorial, and sports interviewing, writing, editing, and design for print and online delivery. Special attention is given to editing for Associated Press style to social media applications.

COM 3132 - Digital Media Practicum - Video (0-2)

Practical video production experience, including hands-on assignments with filming, editing, performing, and designing set layout. Special emphasis is given to television studio, control room functions, and control room procedures.

Prerequisite: COM-1033.

COM 3142 - Digital Media Practicum - Journalism (0-2)

Practical journalism experience in hands-on assignments in interviewing, writing, editing, and producing media products including The Lakeholm Viewer print and online versions and social media.

COM 3153 - Communication Portfolio and Management (3)

A study of the key elements of digital media management with specific attention to content or programming. Economics, ratings, personnel, formats, marketing, audiences, and social media are all discussed. This course also includes topics critical to the development of the communication professional, including resume creation and job/internship pursuits; plus interaction with practicing communication professionals. Students will complete an online portfolio as the major project of this course.

COM 3193 - Seminar in Communication (3)

Discussions and readings in current media issues and challenges including interviewing for digital media, the history of American public address, and beat reporting.

aCOM 4023 - Theories of Communication and Rhetoric (3)

A study of the theories of principal communication scholars from ancient to modern times. Special emphasis is given to research techniques in rhetoric.

COM 4043 - Media Law and Ethics (3)

A study of the foundational legal principles governing media operations in the United States, along with developing ethical frameworks for decision making in news, public relations, advertising, and entertainment. Topics include broadcast regulation, libel, indecency, social media, public relations, digital technology, copyright, and violence.

COM 5019 - Independent Study in Communication (1-4)

COM 5029 - Communication Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

COM 5091 - Communications Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

CRW - Creative Writing

CRW 2143G - Creative Writing (3)

An introductory course in the craft and techniques of writing fiction, poetry, drama and/or creative non-fiction.

Prerequisite: ENG-1083G or ENG-1084G.

CRW 3082G - Practicum in Creative Writing: Literary Magazine (0-2)

An introduction to literary magazine production culminating in publication of a literary magazine. Special emphasis is given to editorial perspective; audience evaluation; selecting, editing, and arranging copy.

Prerequisite: ENG-1083G or ENG-1084G.

CRW 3089 - Special Topics in Creative Writing (3)

A topical course focusing on writing in a specific genre: short story, science fiction and fantasy, poetry, travel writing, young adult and children's literature, or creative nonfiction. The course may be repeated.

Prerequisite: ENG-1083G or ENG-1084G.

CSC - Computer Science

CSC 1013G - Introduction to Computing (3)

An introduction to computer science, including history and terminology, common computer applications such as spreadsheet and database management systems, the role and impact of computing in society, and simple programming.

Prerequisite: A grade of C- or better in MAT-0093, or an ACT mathematics sub-score of 19 or higher, or an SAT mathematics sub-score of 530 or higher.

CSC 1024 - Computer Science I (4)

An introduction to computer science and programming using the Java programming language. Topics include elementary data types and control structures and fundamental concepts for good programming habits. A laboratory is included.

Prerequisite: A grade of C- or better in MAT-0093, or an ACT mathematics sub-score of 19 or higher, or an SAT mathematics sub-score of 530 or higher. Corequisite: CSC-1020.

CSC 1053 - Elementary Discrete Mathematics (3)

An elementary study of discrete mathematics as it relates to computer science. Topics include functions, proof techniques, sets, algebra, summation, number systems, logic, Boolean algebra, probability, combinatorics, and graph theory.

Prerequisite: A grade of C- or better in MAT-1013 or a passing score on the Trigonometry Proficiency Examination.

CSC 2011 - Computer Networking Fundamentals I (1)

Introduction to fundamental components of devices that control a computer network. Students practice common tasks that are required to configure network routers and switches. After completing this course, students are prepared to take current standard professional certification exams that focus on network routing and switching.

CSC 2021 - Server Administration Fundamentals (1)

Introduction to fundamental components of a current operating system. Students practice common tasks that are required to configure systems, and manage users and software in a server environment. After completing this course, students are prepared to take current standard professional certification exams that focus on Linux or Microsoft system administration.

CSC 2024 - Computer Science II (4)

A continuation of CSC1024, including advanced Java features and an introduction to data structures. Special emphasis is given to structured, object-oriented programming. Extensive programming projects are required. A laboratory is included.

Prerequisite: CSC-1024 and either a grade of C- or better in MAT-1013 or a passing score on the Trigonometry Proficiency Examination. Corequisite: CSC-2020.

CSC 2031 - Information Technology Security Fundamentals (1)

Students learn how to secure a corporate data network using a layered security model. Students practice recommended processes to maintain security using simulations of common scenarios. After completing this course, students are prepared to take current standard professional certification exams that focus on network and system security.

CSC 2033 - Data Structures & Algorithm Design (3)

A study of common data structures including lists, stacks, queues, trees, graphs and networks, algorithm design methods, and object-oriented design and implementation using the C++ programming language.

Prerequisite: CSC-1024, CSC-1024, and CSC-1053.

CSC 2041 - Computer Networking Fundamentals II (1)

Students practice advanced configuration of standard networking equipment. After completing this course, students are prepared to take an advanced standard professional certification exam that focuses on computer network administration.

Prerequisite: CSC-2011.

CSC 3003 - Web Application Development (3)

An introduction to design and implementation of interactive computer applications that use a web user interface. Topics include current programming methods using HTML5, JavaScript, and CSS. Students will practice the development of dynamic user interfaces with a variety of components that are supported in standard web browser environments.

Prerequisite: CSC-1013 or CSC-1024.

CSC 3004 - Introduction to Software Development (4)

An introductory course in software development. Concepts include software specifications and design, methodologies for software organization and development, user interfaces, file processing techniques, and software debugging, testing, and documentation.

Prerequisite: CSC-2033. Corequisite: CSC-3000.

CSC 3013 - Computer Networks & Telecommunications (3)

A study of networking and telecommunication concepts, models, standards, and protocols. Special emphasis is given to advances in wireline and wireless networks, Ethernet, optical networks, broadband including DSL and cable, cellular networks, ATM networks, network security and management, grid computing, and the semantic web. Network management and administration is also discussed.

Prerequisite: Pass CSC-1024 with a grade of C- or better.

aCSC 3024 - Software and Systems Engineering (4)

A study of the planning, design, implementation, validation, and management of computer software and computer systems. Participation in a major group project is required.

Prerequisite: CSC-1024, aCSC-3032, and aCSC-3031. Corequisite: CSC-3020.

aCSC 3031 - Database Management Systems Laboratory for Computer Science (1)

Project work in design and implementation of relational databases, and software applications that use databases. This laboratory has two track options: (a) software development, or (b) database design and application.

Corequisite: CSC-3032.

aCSC 3032 - Database Management Systems (2)

A study of database models, designs, organization, normalization, integrity, and distributed database systems.

Prerequisite: CSC-1024 and CSC-1053. Corequisite: aCSC-3031.

CSC 3044 - Operating Systems and Systems Programming (4)

A study of memory management, processor scheduling, concurrency, process communication, security, and other system software. Laboratory work in modifying an existing operating system is required.

Prerequisite: CSC-2033. Corequisite: CSC-3040.

CSC 3054 - Computer Organization and Architecture (4)

A study of computer system components, hardwired and micro-programmed control units, memory organization, and RISC architecture. Assembly language is covered. A laboratory is included.

Prerequisite: CSC-1053 and CSC-2024. Corequisite: CSC-3050.

CSC 3083 - Technology and Society (3)

A study of technology's impact on individuals, groups, and institutions. Special emphasis is given to worker displacement, computer illiteracy, environmental and health issues, depersonalization, computer crime, intellectual property, invasion of privacy and other ethical/legal issues.

aCSC 4003 - Computer and Information Security (3)

An advanced study of computer and information security. Topics include threats, vulnerabilities, and associated response mechanisms used to protect an organization. Hardware and software solutions are presented with security-related models, principles, and concepts for analyzing and implementing organizational security programs.

Prerequisite: CSC-3013.

aCSC 4023 - Survey and Organization of Programming Languages (3)

A study of language concepts including grammar, parse trees, binding, abstraction, semantics, scope rules, data types and control structures. Several languages are used in laboratory exercises.

Prerequisite: CSC-2033.

CSC 4062 - Practicum in Networking (2)

Students will complete a comprehensive project based on the knowledge and skills required to obtain professional certifications in three networking areas. Each student will plan, design, create, test, and document a complete networking infrastructure based on a set of criteria provided by the instructor. Components include multi-segment, multi-site LAN, security assets (firewall, proxy, VPN), wireless distribution, authentication management, routing, redundancy, monitoring, content filtering, and bandwidth management.

Prerequisite: CSC-3013.

CSC 4072 - Practicum in Server Administration (2)

Students will complete a comprehensive project based on the knowledge and skills required to obtain professional certifications in three server areas. Each student will plan, design, create, test and document a complete server infrastructure based on a set of criteria provided by the instructor. Components include database systems, email servers, web service, file servers, authentication management, middleware, audio and video streams, and security management.

Prerequisite: CSC-3032 and CSC-3031.

CSC 4081 - Computer Applications Practicum I (1)

The first part of an independent software development project selected in conjunction with the instructor. This portion includes the project planning, requirements specification, and design phases of a significant software system.

Prerequisite: CSC-3004 and senior standing.

CSC 4082 - Computer Applications Practicum II (2)

The second part of an independent software development project selected in conjunction with the instructor. This portion includes the project implementation, project test plan and testing, user management and programming documentation, and final presentation of the system.

Prerequisite: CSC-4081.

CSC 4089 - Special Topics in Computer Science (1-3)

Selected topics in computer science. The course may be repeated for credit as topics vary.

Prerequisite: Instructor's permission.

aCSC 4093 - Computer Networking (3)

A study of the fundamentals of data communications and computer networking. Special emphasis is given to data encoding and transmission methods, network architecture and protocols, network routing and internetworking, and new technologies. The OSI reference model is the basis of study. The lab component of this course has two track options: (a) software development or (b) network design and configuration.

Prerequisite: CSC-3013.

CSC 5019 - Independent Study in Computer Science (1-4)**CSC 5029 - Computer Science Internship (1-6)**

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

CSC 5091 - Computer Science Honors Research (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

CSD - Communication Sciences & Disorders**CSD 1003 - Introduction to Communication Sciences and Disorders (3)**

The nature and disorders of human communication, including speech, language, and hearing processes will be introduced. Students will also gain basic knowledge of common communication disorders, including speech sound disorders, language disorders in children and adults, neurogenic disorders, voice disorders, fluency disorders, and disabilities related to hearing impairment across the life span. Clinical observation of assessment and treatment of communication disorders is required.

CSD 1013 - Introduction to Phonetics (3)

This course describes principles and the fundamental nature of phonetics, especially as it applies to the field of speech-language pathology and hearing sciences. It involves both general and specific theories and facts in phonetics, as well as the development of practical skills (e.g., phonetic transcription skills). Topics covered include, but are not limited to, symbolic representation of speech sounds, basic speech anatomy, laryngeal anatomy and physiology, and discussion of speech production and speech perception. A large portion of the course is designed to acquaint the student with transcription techniques utilizing the International Phonetic Alphabet (IPA) and a significant portion of the course grade depends upon the student's ability to understand and utilize the IPA.

CSD 2003 - Speech & Language Development (3)

The typical processes of the development of language will be addressed in this course. Students will gain understanding of the emergence of semantics, syntax, and pragmatics in young children's nonverbal and oral language, but also the foundation of later literacy. Effects of environmental, cultural, and physical influences will also be addressed.

CSD 2013 - Communication Disorders in Adults (3)

This course provides an overview of major communication disorders in the adult population. It covers neuroanatomical and neurophysiological bases, assessments, and treatment strategies for adult communication disorders. Disorders covered include those involving language, cognitive-communication, speech, and motor control.

CSD 3001 - Speech and Language Disorders Clinical (1)

Students enrolled in this course have the opportunity to observe and/or assist in implementing assessment and/or treatment of speech, language, and hearing disorders. Students apply the knowledge and skills learned in pre-requisite courses regarding assessment and treatment of communication disorders, professional writing, and conduct under the close supervision of a licensed, certified speech-language pathology or audiology, as well as acquiring additional clinical planning and data collection skills. Students participating in clinical participate in a 1 hour content and discussion session each week, which includes clinical practice guidance from a licensed, certified, speech-language pathologist or audiologist, as well as case presentations by students.

Prerequisite: CSD-3003 and CSD-3033.

CSD 3003 - Anatomy and Physiology of Speech and Hearing Mechanisms (3)

The structure and function of the oral speech mechanism, including respiration, phonation, articulation, and neurological substrates of speech and language will be addressed, along with the physical and neurological bases of human hearing.

Prerequisite: CSD-1003 and CSD-1013.

CSD 3013 - Speech and Hearing Science (3)

The physics of speech sound transmission and perception, including basic physics of sound, speech perception, and the effects of hearing loss and amplification on human communication will be addressed. Students will have the opportunity to interact with basic sound measurement instruments, observe the speech of themselves and others via instrumentation, and use instruments to compare standard and nonstandard speech. A simulated hearing loss experience is a requirement of this course.

Prerequisite: CSD-3003.

CSD 3021 - Clinical Foundations (1)

This course provides an introduction to clinical methods designed to prepare students for the clinical practicum. Coursework includes weekly classroom instruction pertaining to the assessment and treatment of communicative disorders, clinical writing in CSD, professional conduct, and relevant professional issues. Specific topics covered include, but are not limited to evidenced-based assessments & treatments, case reviews, data collection and analysis, goal development, construction of treatment and lesson plans, SOAP notes, and progress reports.

CSD 3023 - Research Methods for Communication Sciences (3)

This course will address the basic principles of research in human communication, including ethical practices, statistics, and appropriate methods for observing and collecting data. Students will also learn fundamental statistical analysis. Review of current research in the field, including abstract of professional journal articles will be required.

Prerequisite: CSD-2003 and CSD-3003.

CSD 3033 - Communication Disorders in Children (3)

Clinical identification, description, and treatment of disorders and delays of speech and language development in children are addressed in this course. Students gain understanding of types of childhood communication

disorders; related and causative environment and intrinsic factors; and assessment strategies and processes. Students learn how to apply treatment methods derived from careful identification and description of children's communication differences.

Prerequisite: CSD-2003 and CSD-3003.

CSD 4013 - Audiometry (3)

Basic principles of audiometric assessment, including screening and threshold testing will be reviewed. An overview of advanced audiological testing will be given. Students will be given understanding of common audiological reports and graphs.

Prerequisite: CSD-3003.

CSD 5019 - Independent Study in Communication Sciences and Disorders (1-4)

CSD 5029 - Communication Sciences and Disorders Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

CSS - Center for Student Success

Note: HUM-1013G and CSS-1012 are recommended for any student but they are required for conditionally accepted students.

CSS 1012 - Advanced College Success Strategies (2)

This course provides students the opportunity to build and enhance their learning skills. Topics include goal setting, communication, collaborative and cooperative practice, leadership, conflict resolution, critical thinking, problem solving, and decision making. Strongly recommended for beginning students and required for conditionally admitted students.

Prerequisite: HUM-1013G.

CSS 2012 - Career Planning & Preparation (2)

A practical overview of career planning and development, utilizing self-assessment, occupational exploration, career decision-making, career path investigation, and acquisition of skills and experience relevant to individual career goals. This course is designed to help college students clarify their career direction and prepare for entry into a profession. Instruction will also cover the basics of resume development and job searching.

DRA - Drama

DRA 1013 - Introduction to Vocal Production (3)

This course focuses on instruction in techniques designed to lead students into vocal freedom, exploration, and readiness for a wide variety of vocal tasks. Students learn the International Phonetic Alphabet (IPA), explore cultural and dialectal variations, and apply their knowledge in a variety of settings including voice-over and character work.

DRA 1063G - Theatre History (3)

Provides students with an understanding of the major events, concepts, movements, figures and ideas in theatre history from the Greeks through the Italian Renaissance. It also examines the ways in which dramatic literature has been used to record history. Dramatic literature and criticism from each period will also be examined for what it can tell us about the theatre practices of the time and the society in which theatre was created.

Prerequisite: ENG-1083G.

DRA 2013G - Principles of Performance (3)

A study in acting as human behavior. Acting techniques and communication skills are developed through dramatic exercises.

DRA 2031G - Acting Practicum (0-1)

Practical experience through a major or minor acting role in a dramatic presentation. Selection is by audition. The course may be repeated up to eight (8) credit hours; however, no more than four (4) credit hours may be applied to a major or minor in the communication department.

DRA 3031G - Stagecraft Practicum (0-1)

Practical experience in a dramatic presentation as technical staff for stage crew, props, lighting, sound, costumes, and makeup. The course may be repeated up to eight (8) credit hours; however, no more than four (4) credit hours may be applied to a major or minor in the communication department.

DRA 3033G - Technical Theatre (3)

A practical study of the role of stage materials in dramatic productions. Special emphasis is given to scene design, stage lighting, sound, costuming, and makeup.

DRA 4013G - Directing and Producing for Theatre (3)

A practical study in play production. Special emphasis includes play selection, cast selection, planning and

directing rehearsals, and organizing committees necessary to a production.

ECE - Early Childhood Education

In order to enroll in any 2000 level ECE course the student must complete the application for admission to the Teacher Education Program. In order to enroll in any ECE courses which are level 3000 or above the student must have been admitted to the Teacher Education Program.

ECE 2012 - Building Family and Community Relations (2)

A course designed to provide an understanding of the complex characteristics of children's families and communities. Special emphasis is given to creating respectful, reciprocal relationships that support and empower families, and involve families in the child's development and learning.

ECE 2014 - Art, Music, and Movement (4)

An introductory study of assisting children to experience high quality, meaningful art experiences in early childhood across a developmental continuum. Special emphasis is given to assisting children, with and without disabilities, to set physical challenges and to enjoy physical education experiences.

ECE 2061 - Preschool Field Experience (1)

Observation and supervised laboratory experience in the Esther Jetter Preschool for three hours per week for the entire semester focuses on curriculum development and instructional design. Special emphasis is given to planning and participating in emergent curricula.

ECE 2063 - Curriculum in Early Childhood Education (3)

An introductory study of curriculum development and instructional design with a focus on recent developments in the education of the young child related to motivation, social interaction, and active engagement in learning. Special emphasis is given to selecting curriculum based on theory and research, writing of behavioral objectives, and developing appropriate instructional activities, including technology.

ECE 2072 - Children's Literature for Early Childhood (2)

A study of literature written for children ages pre-school through third grade, including an introduction to genres, authors and illustrators of children's books. Special emphasis is given to criteria for evaluation, analysis of literary elements, reader response theory, and the use of

literature in developing units of study across the curriculum. Priority given to education majors and sociology majors in the child life specialist concentration.

ECE 3002 - Social Studies for Upper Elementary Grades (2)

A comprehensive understanding of NCSS standards and the Ohio academic content standards, methods of instruction, assessment procedures, pedagogy, and materials for the teaching of middle childhood social studies. Candidates will become familiar with the pivotal historical, cultural, geographic, economic and political/citizenship events in the history of Ohio.

ECE 3012 - Observation, Assessment, and Documentation (2)

A study of the goals, benefits and responsible use of assessment. Special emphasis is given to systematic observations, documentation, and understanding appropriate uses of achievement and standardized tests. Consideration is given to the role of other professionals and families in the process of assessment.

ECE 3022 - Mathematics for Upper Elementary Grades (2)

A comprehensive understanding of NCTM standards and the Ohio academic content standards, pedagogy, assessment procedures, and materials for the teaching of mathematics to upper elementary grade students. Candidates will become familiar with number, number sense and operations; measurement; geometry and spatial sense; patterns, functions and algebra; data analysis and probability; and mathematical process, which includes problem solving, reasoning and proof, communication, connections, and representation.

ECE 3032 - Science for Upper Elementary Grades (2)

A comprehensive understanding of NSTA standards and the Ohio academic content standards, methods of instruction, assessment procedures, and materials for the teaching of science in the middle elementary grades. Candidates will become familiar with the nature of science, and the connections between the physical, life, and earth and space sciences. The course will prepare students to use appropriate scientific process and principles in the teaching of science.

ECE 3033 - Classroom Management in Early Childhood Education (3)

A study of means to assess classroom conditions and pupil behaviors, and to produce such conditions and behaviors to provide a good learning environment.

ECE 3041 - Developmental Literacy Laboratory (1)

A field experience emphasizing the development of oral language, thinking skills, and literacy in young children.

Corequisite: ECE-3043.

ECE 3043 - Developmental Literacy (3)

A study of the principles and practices of facilitating development of oral language, thinking skills, and literacy in young children, preschool through third grade and others whose literacy development has been delayed.

Corequisite: ECE-3041.

ECE 3053 - Early Childhood Math: Curriculum, Instructions, and Assessment (3)

A survey of mathematics in early childhood education with emphases in curriculum, methods of instruction, and types, methods and uses of assessment.

Prerequisite: EDU-2023G and ECE-2063. .

ECE 3063 - Basics of Phonics Instruction (3)

A study of means to teach and assess phonics effectively, phonemic awareness, and word recognition.

Prerequisite: ECE-3043.

ECE 3093 - Inclusion and Inclusive Curricular Practices (3)

An examination of the rationale and instructional procedures for educating exceptional children in the regular classroom. Special emphasis is given to collaboration (including school and non-school personnel), inclusion, exceptionality, individual education, transition plans, effective assessment and instructional procedures, and student diversity.

Prerequisite: EDU-2023G and ECE-2063.

ECE 4001 - Early Childhood Endorsement Practicum (1)

Observation and supervised classroom experience in a 4th/5th grade classroom for a total of 50 hours. Class is graded on a satisfactory/unsatisfactory basis.

Prerequisite: EDU-2122, ECE-3043 and ECE-3053.

ECE 4012 - Creating STEAM-Infused Learning Experiences in the Early Childhood Classroom (2)

A study of the current trends of STEAM-infused learning experiences in early childhood (children age 3 through grade 3) with emphasis on inquiry-based planning and 21st Century Skill development. STEAM instructional strategies,

active learning, and uses of assessment will be emphasized.

ECE 4021 - Integrated Methods in Early Childhood Education (1)

A study of child development and the structure of the content areas integrating theory, research, programming, materials and methods essential for teaching children in preschool through primary grades. Special emphasis is given to enhancing critical thinking, problem-solving, and performance skills.

Prerequisite: ECE-4012, ECE-4022 and ECE-4081.

ECE 4022 - Early Childhood Social Studies: Curriculum, Instruction, and Assessment (2)

A study of methods of teaching social studies in early childhood (children age 3 through grade 3) with emphasis on curriculum, methods of instruction, and types and methods and uses of assessment.

ECE 4033 - Content Reading (3)

A study in developmental reading as an instructional approach designed to teach systematically the strategies and competencies needed for effective reading in content reading materials especially in grades 3-9.

Prerequisite: EDU-2122, and ECE-3043 or MCE-3043.

ECE 4081 - Early Childhood Methods Laboratory (1)

A field-based course where students teach trial lessons in early childhood classroom.

Prerequisite: ECE-4012, ECE-4021 and ECE-4022.

ECO - Economics

ECO 1033 - Principles of Macroeconomics (3)

An introduction to macroeconomics including basic concepts of supply and demand, price system, employment theory, inflation, business cycles, monetary policies, and fiscal policies. This course is offered in traditional and non-traditional formats.

ECO 2033 - Principles of Microeconomics (3)

An introduction to microeconomics including the concepts of resource and product markets, price theory, elasticity function and profit maximization.

Prerequisite: ECO-1033.

EDU - Education

In order to enroll in any 2000 level EDU course the student must complete the application for admission to the Teacher Education Program. In order to enroll in any EDU courses which are level 3000 or above the student must have been admitted to the Teacher Education Program.

EDU 1001 - Professional Writing in Education (1)

Professional and formal writing are necessary components of the teaching profession. This course will assist education candidates in developing skills necessary to communicate with students, parents, and colleagues in a variety of written contexts. Special emphasis will be given to the APA writing format.

Prerequisite: ACT composite score of 19 or higher, SAT composite score of 910 or higher, or pass the required basic skills tests, and have a cumulative university GPA of 2.75 or higher.

EDU 1031 - Foundations of Inclusive Education Laboratory (1)

Observation and supervised field experience in an inclusive classroom in a public or private school at the level and in the subject area of the anticipated license for one half day per week for eleven (11) weeks.

Corequisite: EDU-1033.

EDU 1033 - Foundations of Inclusive Education (3)

An overview of the social, historical, and philosophical foundations of education with an emphasis on current inclusive practices for students with disabilities. Special emphasis is given to America's diverse student, the general education and special education teacher's role, and inclusive classroom requirements. Various models of collaborative teaching practices are explored in theory and application.

Prerequisite: ACT composite score of 19 or higher, SAT composite score of 910 or higher, or pass the required basic skills tests, and have a cumulative university GPA of 2.75 or higher. Corequisite: EDU-1031.

EDU 1042 - Educational Technology (2)

This course provides students with conceptual frameworks and practical skills to equip them to integrate technology in the various areas of curriculum delivery in PK-12 classrooms, including inclusive settings. The emphasis will be on learning a variety of strategies that will enable the classroom teacher to use a range of technological resources (software, hardware including assistive

technology, Internet) to enhance the quality of instruction and learning in the classroom for all learners.

Prerequisite: ACT composite score of 19 or higher, SAT composite score of 910 or higher, or pass the required basic skills tests, and have a cumulative university GPA of 2.75.

EDU 1062 - Social Studies for Elementary Teachers (2)

This course explores the social studies content necessary for elementary teachers in grades PreK-5 with special focus given to topics in the Ohio Social Studies standards. Topics related to civics, geography, economics, and American and Ohio history will be examined.

Prerequisite: ACT composite score of 19 or higher, SAT composite score of 910 or higher, or pass the required basic skills tests, and have a cumulative university GPA of 2.75 or higher.

EDU 1073 - Introduction to Multicultural Education (3)

Examines the historical development of multicultural education and its efforts to help students understand social and educational issues faced by our diverse nation. The instructor/facilitator will help guide students to think critically and reflectively regarding decisions that need to be made as a classroom teacher to meet the academic, social, cultural, and emotional needs of all students. Intercultural conflicts and philosophical viewpoints will be addressed to guide discussions relating to the applicability and implementation of principles and practices guiding multicultural education in the 21st century.

Prerequisite: ACT composite score of 19 or higher, SAT composite score of 910 or higher, or pass the required basic skills tests, and have a cumulative university GPA of 2.75 or higher.

EDU 2014 - Art, Music, and Movement: An Inclusive Approach (4)

An introductory study of assisting children to experience high quality, meaningful art, music, and movement experiences in early childhood across a developmental continuum. The entire course is taught through the lens of inclusive approaches to teaching and learning. Topics including adaptive physical education, appropriate sensory strategies, and fine arts standards will be assessed.

EDU 2023G - The Learner and the Learning Process (3)

A study of development across several domains (physical, cognitive, interpersonal, moral, spiritual) and applications for major learning theories and implications for instruction. Emphasis is given to the young pre-to-elementary through

the older adolescent learner; additional emphasis on the science of instruction and assessment of learning.

EDU 2032 - Early Intervention Seminar and Preschool Laboratory (2)

This course includes observation and supervised lab experience in inclusive preschool settings. An emphasis will be placed on the five guidelines of DAP, planning using the Early Learning Content Standards, teaching, and self-reflection. Participants will also be exposed to the process of assessing, identifying, referring, and serving preschoolers with special needs.

Prerequisite: EDU-2063 must be taken either previously or concurrently.

EDU 2062 - The Response to Intervention and Identification Process (2)

This course presents a range of research-based response to intervention methods and the process necessary for a general education teacher to utilize in order to meet the needs of all learners. Candidates will learn to select, progress monitor, adapt, and report as necessary, an appropriate strategy to assist a struggling learner in the general education classroom. Additional focus is placed on the discrepancy model that leads to identification and special education services. Candidates will also explore the various elements of the IEP document.

Prerequisite: EDU-2023.

EDU 2063 - Curriculum in Early Childhood Education (3)

An introductory study of curriculum development and instructional design with a focus on recent developments in the education of the young child related to motivation, social interaction, and active engagement in learning. Special emphasis is given to selecting curriculum based on theory and research, writing of behavioral objectives, and developing appropriate instructional activities, including technology.

EDU 2071 - Fundamentals of Planning & Instruction Laboratory (1)

A field experience in which students observe and teach trial lessons both in a simulated classroom on campus and in a PK-Grade 12 classroom appropriate for their licensure area(s) with a focus on planning curriculum and basic instructional techniques aligned with those ages/grade levels. Candidate lessons highlight essential teaching skills such as conveying positive professional and personal attributes, establishing and maintaining set, using questions

and checking understanding, and providing clear instruction for a classroom of diverse learners.

Corequisite: EDU-2093.

EDU 2093 - Fundamentals of Planning and Instruction (3)

An introductory study of the process of curriculum development and instructional design to encourage the intellectual, social, and personal development of learners. Special emphasis is given to curriculum and instruction appropriate for candidates' licensure areas. Effective verbal, nonverbal, and media communications for fostering active inquiry, collaboration, and supportive interaction are emphasized.

Corequisite: EDU-2071.

EDU 2103 - Inclusion and Inclusive Curricular Practices (3)

This course introduces a teacher education candidate to characteristics of students with atypical needs, including disabilities and other considerations outside of typical learner needs. Topics addressed include collaboration, inclusion, universal design, student diversity, individual education plans, assessment and referral, and inclusive curriculum and instruction. Practical teaching and learning strategies relevant to the tasks of teachers in inclusive classrooms are explored.

Prerequisite: EDU-2023G must be taken previously or concurrently.

EDU 2122 - Language & Literacy Fundamentals (2)

This course explores the fundamentals of language and literacy with emphases on the acquisition of language skills from birth through age eight, understanding family literacy, understanding the connection between reading and writing, the developmental stages of literacy in young children through adolescence, and the role of cultural influences on literacy. A focus of the course will be to prepare teachers of reading and writing to have knowledge of foundational content in the study of multiple literacies, literacy learning, and language development.

EDU 2173 - Children's Literature for Early Childhood (3)

A study of the literature written for children ages preschool to fifth grade. The course includes an introduction to genres, authors and illustrators of children's books with emphasis on criteria for evaluation, analysis of literary elements, reader response theory, and the curricular use of literature for developing units of study across the curriculum.

EDU 3001 - Elementary Intervention Lab (Grades K-5) (1)

A supervised field experience in which candidates will be involved in learning about various aspects involved in an intervention specialist's day in a school setting such as: data gathering, progress monitoring, team meetings, collaboration, advocacy, scheduling of services, working with related service providers, the Evaluation Team Report (ETR) process, and the Individualized Education Program (IEP) process.

EDU 3003 - Observation, Documentation, Intervention, and Assessment (3)

A study of the goals, benefits, and responsible use of assessment. A special emphasis is given to systematic observations, documentation, the IEP, and understanding appropriate uses of achievement and standardized tests. Additional content includes appropriate assessments to use for intervention, pre-referral, referral, and special education identification. Consideration is given to the role of other professionals and families in the process of assessment.

EDU 3012 - Philosophy of Middle Childhood Education (2)

A study of the philosophy of middle childhood education with emphasis on theory, practice, and the special abilities and needs of the child in the middle level grades.

EDU 3013 - Teaching Reading in the Content Fields (3)

A study in developmental reading as an instructional approach designed to teach systematically the basic skills and competencies needed for effective reading in conventional materials and in the content fields experience in the school system.

EDU 3023 - Adolescent Literature (3)

A study of literature written for adolescents, including an introduction to genres, authors and illustrators of children's and young adult books. Special emphasis is given to criteria for evaluation, analysis of literary elements, reader response theory and the curricular uses of literature in developing response activities, lessons, and integrated units of study, particularly in the middle level concentrations of science, social studies, and mathematics.

EDU 3033 - Classroom Management in Elementary Education (3)

The focus of this course is on human interactions in the classroom - connections between teachers and students and among diverse learners. Special emphasis is given to creating a climate that promotes positive development and learning, trauma-informed practice, establishing standards of classroom behavior, planning environments that are

respectful of culture and home language, designing the physical environment, building positive relationships with parents/guardians, and increasing social competence and conflict resolution skills.

EDU 3041 - Classroom Management Lab (1)

A field experience in which students observe, collect data, and implement classroom management course materials in a PK-grade 12 classroom appropriate for their licensure area(s) with a focus on conditions, behaviors, and strategies that provide a positive learning environment.

Corequisite: EDU-3042.

EDU 3042 - Classroom Management (2)

A study of means to assess classroom conditions and pupil behaviors and to produce such conditions and behaviors that provide a good learning environment. Special emphasis is given to strategies that reflect specific actions of teaching, such as organizing and instructing, that promote critical thinking, problem solving, and performance skills. Attention is also given to developing ways to interact with school colleagues, community agencies, and parents to support students' learning and well-being.

Corequisite: EDU-3041.

EDU 3063G - Education & Cultural Diversity (3)

An immersive education clinical experience in the classroom of an urban setting characterizes by cultural, ethnic, racial, or socioeconomic diversity which also includes a weekly seminar addressing current issues related to cultural, ethnic, racial, and socioeconomic diversity which will be conducted concurrently with the field experience.

Corequisite: EDU-4092 or ISP-4096.

EDU 3073 - Behavior Analysis and Management (3)

An examination of research-based best practices for effective behavior management of teaching and learning for individuals with exceptional needs in a general education setting. Candidates learn to create supportive learning environments in which diversities are valued, integrate individuals with exceptional learning needs into various settings, modify the environments to manage behavior, monitor and analyze student behavior, and use varied behavior management and reinforcement systems consistent with the needs of the individual. Candidates will work with Functional Behavior Assessments and Behavior Improvement Plans as they pertain to individuals with behavior challenges in the general education room.

EDU 3083 - World Geography (3)

A course designed to study systematically world regions. Special emphasis is given to physical, cultural, economic, and social factors in geography.

EDU 3093 - Inclusion and Inclusive Curricular Practices (3)

A review of the rationale and instructional procedures for educating exceptional children in the regular classroom. Special emphasis is given to collaboration, inclusion, exceptionality (including gifted and talented), individual education, transition plans, effective assessment and instructional procedures and student diversity.

EDU 3104 - Basics of Phonics: Instruction and Intervention (4)

A detailed examination of effective assessment and instruction of phonemic awareness, phonics, and word study as tools readers and writers use in decoding and understanding print. A Phonics Instruction Lab is included as part of this course in which candidates apply assessment and instruction of phonemic awareness, phonics, and word study in an individual tutoring setting. Candidates will learn to select, adapt, and apply research-based instructional strategies and materials according to characteristics of the individual learner.

Prerequisite: EDU-3141 and EDU-3143.

EDU 3133 - Content Literacy and Writing Methods (3)

This course explores reading and writing literacy in the content areas. Strategies to support learners working at all academic levels in grades P-5 will be examined. Reading and writing strategies will be designed and implemented specific to student readiness levels and abilities. Reading and writing pedagogy will be developed as an instructional approach to effectively teach reading and writing in content subjects (science, math, social studies, etc.).

Prerequisite: EDU-2122 and EDU-3143.

EDU 3141 - Developmental Literacy Laboratory (1)

A field experience emphasizing the development of oral language, thinking skills, and literacy in students grades K-8.

Corequisite: EDU-3143.

EDU 3043 - Developmental Literacy (3)

A study of the principles and practices of facilitating development of oral language, thinking skills, and literacy in emergent learners through fluent readers and writers along

with how to effectively accommodate others whose literacy development has been delayed. Students will gain knowledge in practical classroom methods, instructional materials, and individualized strategies to facilitate literacy development through a balanced literacy approach.

Corequisite: EDU-3141.

EDU 4001 - Content Area Teaching Methods Laboratory (1)

A field experience in which students observe and teach trial lessons in a classroom at the level and in the discipline of the intended license.

Corequisite: Concurrent enrollment in the content area teaching methods course specific to the license to be earned.

EDU 4012 - Multi-Age and Secondary Teaching Methods in the Content Areas (2)

A study of research and experience-based principles of effective practice for encouraging intellectual, social, and personal development at the secondary level. Special emphasis is given to strategies that reflect specific actions of teaching: organizing, instructing, and assessing, and that promote critical thinking, problem solving, and performance skills. Candidates will develop a content specific teaching unit based upon their specific licensure area. Candidates will also work with a content area mentor for 13 hours during this course.

Corequisite: EDU-4001.

EDU 4021 - Integrated Methods in Elementary and Intervention Settings (1)

A capstone course in which participants explore the integrated nature of content area teaching in grades P-5. Theory, research, and state and national standards are examined. Special emphasis is given to the development of an integrated unit of study utilizing best practices and universal design for learning in instruction and assessment.

EDU 4052 - Inclusive Methods in Science (2)

This course is designed to support science-based constructivist learning experiences for all children in inclusive and diverse P-5 classrooms. Course participants will develop skills and abilities in science teaching methods, applications of technology, safety practices, and creation of integrated science curricula. Course participants will examine best practices, current research, and the state and national standards as they practice developing, implementing, and assessing elementary science experiences.

EDU 4062 - Inclusive Methods in Mathematics (2)

This course explores strategies, materials, technologies, and assessments in the teaching of mathematics to all learners in grades P-5. Special emphasis is given to the development of mathematical thinking skills through problem-solving activities, inquiry and investigation practices, and hands-on activities through the use of manipulatives. Course participants will examine best practices, current research, and state and national standards as they practice developing, implementing, and assessing elementary mathematical experiences.

EDU 4072 - Inclusive Methods in Social Studies (2)

An inclusive study of methods of teaching social studies in grades P-5 with emphasis on curriculum, inclusive methods of instruction for all learners, and types, methods, and uses of assessment. Special emphasis is given to inquiry-based learning, project-based methods, discussion techniques, the role of citizens in local and global communities, and the multicultural nature of social studies instruction. Course participants will examine best practices, current research, and state and national standards as they practice developing, implementing, and assessing elementary social studies experiences.

EDU 4082 - Inclusive Integrated Elementary Methods Laboratory (2)

This field-based course is designed to give candidates supervised opportunities to regularly observe and teach trial lessons in an inclusive early childhood classroom. The focus is on development of lesson and unit plans, including instruction for individual students, small groups, and the whole class. Special emphasis is given to the evaluation of student performance and the use of data to inform future planning and instruction. Characteristics of inclusive practice will be highlighted, including available intervention resources, advocacy, and the referral process.

EDU 4091 - Student Teaching Seminar (1)

A weekly seminar addressing issues of inquiry, research, school law, educational policy, professional ethics; as well as orienting students to the responsibilities, structure, and activities of the profession.

EDU 4092 - Student Teaching (10)

A full-time field experience in which the student teacher assumes the various teaching responsibilities in a classroom at the level and in the discipline of the intended license. Progressive involvement in the instructional program increases until the student teacher functions as a regular staff member with responsibility for instructional planning, implementing, assessing, and communicating

with the learner and the parent. The course is graded on a satisfactory-unsatisfactory basis.

Prerequisite: EDU-3063G and admission to the Student Teaching Program.

EDU 4101 - Middle Childhood Generalist Endorsement Practicum (1)

Observation and supervised classroom experience in a 4th/5th/6th grade classroom for a total of 50 hours.

EDU 4111 - Middle Childhood Teaching Methods in the Content Areas - Endorsement (1)

Any candidate seeking the Generalist Endorsement will fulfill a seven hour contact requirement with each of the two endorsement content area methods specialists.

EDU 4112 - Methods in Content Areas (2)

A study of middle level teaching methods with emphasis on integrating curriculum, collaborative instruction (including the use of technology as an instruction aid), and group learning. Special emphasis is given to developmental and learning theories. Candidates plan instructional strategies, design instructional objectives, develop instructional materials, and develop methods of assessment during the planning of content specific teaching units in each of their two specific areas of concentration. Candidates will also work with content area mentors (one for each area of concentration) for a total of 13 hours during this course.

Corequisite: EDU-4181.

EDU 4121 - Creating STEAM-Infused Learning Experiences in Elementary Settings (1)

A study of the current trends of STEAM-infused learning experiences in the elementary classroom with emphasis on inquiry-based planning and 21st Century skill development. Course participants will develop skills and competencies in STEAM instructional strategies, cross-curricular integration, and project-based assessment.

EDU 4131 - Professional Development Seminar (1)

A series of seminars to explore issues of professional development, research, policies, school law, and professional ethics. The course includes a special emphasis on orienting candidates to the responsibilities, structure, and activities of the profession.

EDU 4132 - Family, School, and Community Collaboration and Consultation (2)

This course addresses professional and ethical practices as a collaborative process among stakeholders. The course provides examples and applications for complex

characteristics of children's families and communities. Additionally, there is an emphasis on collaboration and consultation related to individuals with exceptional learning needs and special education.

EDU 4081 - Middle Childhood Methods Laboratory (1)

A field-based experience for observing and teaching in a middle childhood classroom (grades 4-9). Field hours emphasize the teaching of science, social studies, mathematics, reading, and language arts. Special emphasis is given to modifying curriculum and instruction to meet the needs of all learners.

Corequisite: Methods courses in the professional development semester.

EDU 5019 - Independent Study in Education (1-4)

EDU 5091 - Education Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

EGR - Engineering

EGR 1001 - Computational Engineering with MATLAB (1)

This course introduces fundamentals of structured computer programming using MATLAB. Emphasis will be on matrix representation of arrays and data structures and real life engineering problem solving.

EGR 1033 - Computer Aided Design (3)

Introduces fundamentals of engineering graphics and solid modeling. Students will be taught the use of computer-aided analytical and graphical design tools such as AutoCAD/Inventor, SolidWorks, or other popular CAD software.

EGR 2033 - Digital Systems (3)

Design of digital circuits with digital integrated circuit components and microcontrollers. Apply binary arithmetic and codes, and Boolean function simplification to logic gate circuits. Analyze and synthesize combinational circuits. Apply, program, and synthesize microcontroller circuits to simplify sequential circuits and complex control logic. Includes lab experience.

EGR 2043 - Statics (3)

Introduction to engineering mechanics, including the analysis of two- and three-dimensional force systems, pin-connected structures, trusses, frames, applications of vector calculus.

Prerequisite: MAT-1034G.

EGR 2053 - Dynamics (3)

Introduction to kinematics and kinetics of systems of particles and rigid bodies. Applications of direct integration, work-energy, and momentum methods to solve engineering problems. Introduction to vibrations.

Prerequisite: EGR-2043.

EGR 2064 - Electric Circuit Analysis (4)

DC and AC circuit analysis, network theorems, Kirchoff's Laws, topology, and computer aided techniques. Emphasis will be on analog and linear circuit theory and devices. Included are studies of DC and AC motors, three phase electric power. Includes laboratory experience.

Prerequisite: MAT-1034G.

EGR 2073 - Thermodynamics (3)

Introduction to the thermal-fluid sciences, beginning with a classical macroscopic study of energy, its forms and transformations, and the interactions of energy with matter. This includes properties of pure substances, the first law of thermodynamics, the second law of thermodynamics, entropy, power cycles, vapor cycles, refrigeration cycles, gas mixtures, and chemical reactions.

Prerequisite: CHE-1034G and MAT-1034G.

EGR 2083 - Engineering Materials and Processes (3)

An introduction to the science of engineering materials. Engineering properties of materials - mechanical, electrical, and chemical - are closely linked to the underlying solid state and molecular structure. Chemistry relating to various aspects of design including phase change, solution theory, acid-based solutions, and chemical equilibrium is presented. The processes by which these materials are produced and manufactured may also be presented.

Prerequisite: CHE-1034.

EGR 3002 - Engineering Economics (2)

Application of economic and financial principles to capital investment by engineers. Analysis by present worth, annual cash flow, rate of return, benefit-cost, and replacement considerations. An understanding of depreciation, taxes,

inflation, probability and risk, and evaluation of optimum use of resources.

EGR 3014 - Mechanics of Materials (4)

Introduction to stress and strain, including Mohr's circle; types of loads; failure modes; pressure vessels; beams; elastic strain energy and impact loading; fatigue, stability and buckling of columns. Includes weekly lab.

Prerequisite: EGR-2043. Corequisite: EGR-3010.

EGR 3023 - Machine Synthesis (3)

Study of the kinematics and kinetics of machines and mechanisms. Topics will include displacement, velocity, and acceleration analysis of linkage and cam mechanisms by graphical and analytical methods. Also covered are synthesis of mechanisms, gears, and gear trains. Design projects are normally required.

Prerequisite: EGR-2053 and MAT-3043.

EGR 3033 - Automatic Control Systems (3)

Introduction to open loop and closed loop systems, Laplace transformation techniques, elements of modeling, equilibrium and linearization, block diagrams and signal flow graphs, time domain analysis of first order and second order control systems, system response via transfer function, system response via state variables, stability and tools for stability analysis including Routh Hurwitz criterion. Frequency domain analysis of control systems including Bode plot, design of P, PI, PID controllers, and computer simulations using MATLAB and Simulink will also be covered.

Prerequisite: EGR-1001, EGR-2064, and MAT-3043.

EGR 3044 - Fluid Mechanics (4)

Introduction to fluids and flow. Topics include: fluid properties, fluid statics, fluid dynamics, continuity, momentum (Bernoulli Equation), and energy principles, laminar and turbulent flow, boundary layers, dimensional analysis and similarity, closed conduit flow, free surface flow and, turbomachinery design. Includes weekly lab.

Prerequisite: EGR-2073 and MAT-3043. Corequisite: EGR-3040.

EGR 3053 - Heat Transfer (3)

Introduction to heat transfer by conduction, convection, and radiation. Applications to heat exchanges, ducts and pipes, surfaces, phase exchanges, and mass transfer. Application of dimensional analysis and numerical methods for solving

heat transfer problems. Design of equipment involving heat-transfer processes.

Prerequisite: EGR-2073 and EGR-3044.

EGR 3062 - Design & Analysis of Experiments (2)

Introduction to statistical design of experiments techniques for engineering problem solving. Topics will include: introduction to experiments, completely randomized designs, blocking designs, full factorial designs with two levels, fractional designs with two levels and response surface designs.

Prerequisite: MAT-2063 or equivalent.

EGR 3063 - Electromagnetic Fields and Waves (3)

Introduction to waves and phasors, transmission lines, vector analysis, electrostatics and Maxwell's equations, magneto-statics, wave reflection and transmission, and time varying fields.

Prerequisite: PHY-2065, MAT-3034, MAT-3043.

EGR 3073 - Computer Aided Engineering (3)

Introduction to linear, nonlinear programming and numerical techniques with Excel data solver and/or MATLAB. Introduction to finite-element analysis and optimization to engineering design using commercial software such as ANSYS.

Prerequisite: EGR-1001 and EGR-3014.

EGR 3083 - Mechanical Vibrations (3)

Introduction to the modeling, analysis and design of mechanical vibrating systems. Study of damping and its effects on vibration. Steady state and transient analysis of systems with a single or multiple degrees of freedom. Free, harmonic and forced responses of such systems. Laplace transform. Stability.

Prerequisite: EGR-1001, EGR-2053, MAT-3034, and MAT-3043.

EGR 3093 - Machine Component Design (3)

Topics covered include failure theories, safety factors and reliability, impact and fatigue, surface damage, detailed studies of major mechanical engineering components such as springs, bearings, gears, and shafts. Design projects are normally required.

Prerequisite: EGR-3014.

EGR 3099 - Special Topics in Engineering (1-4)

A study of current issues in engineering science and practice. May involve intermediate or advanced study of prerequisite introductory courses. Topics vary from one semester to the next. This course can be variable credit and may be repeated.

EGR 3123 - Digital Signal Processing (3)

Introduction to discrete signals and systems, which includes convolution, correlation, Fourier transforms, sampling theorems, and digital filter design. The course also includes experimental labs using software such as MATLAB to demonstrate the use of Fourier transform, Z-transform, and different filter design strategies to improve signal-to-noise ratio.

Prerequisite: EGR-1001 and MAT-3043.

EGR 3133 - Introduction to Microcontroller-based Systems (3)

Introduction to design of embedded system with microcontroller. Theory, design, and applications of microprocessors and microprocessor-based computers and systems will be covered, as well as programming techniques for microcomputers. An overview of microprocessor architecture, commercial microprocessors, and semiconductor memory systems will be provided.

Prerequisite: CSC-1024, EGR-2033, and EGR-2064.

EGR 3164 - Communication Systems (4)

Use Fourier Transforms, power spectrum, and correlation to analyze communication signals. Introduce the different forms of Amplitude Modulation (AM), Frequency Modulation (FM) and Phase Modulation (PM). Introduce digital signal transmission and switching technologies and the use of error-identification and error-correcting codes. Present and use probability distribution functions to evaluate a noise source and a communication designed system to remove that noise. Laboratory experience.

Prerequisite: EGR-3123.

EGR 3174 - Analog Electronics (4)

Study transistors characteristics and use of transistors as amplifiers. Perform feedback and advanced amplifier design and analysis. Design and analyze linear and non-linear analog circuit applications, including filters, oscillators, phase-locked loops, and waveform generators. Laboratory experience.

Prerequisite: EGR-2064.

EGR 4001 - Engineering Ethics (1)

This course will offer an introduction to the concepts, theory, and practice of engineering ethics. It will allow students to explore the relationship between ethics and engineering, and apply classical moral theory and decision making to engineering issues encountered in academic and professional careers.

EGR 4012 - Senior Design Project I (2)

As part of the capstone engineering experience, students will work on projects that may be derived from industry sources or other integrated design problems. Projects may be undertaken by individuals or teams, and may be interdisciplinary or specific to an area of concentration.

Prerequisite: Senior standing in the Engineering program.

EGR 4022 - Senior Design Project II (2)

As part of the capstone engineering experience, students will work on projects that may be derived from industry sources or other integrated design problems. Projects may be undertaken by individuals or teams, and may be interdisciplinary or specific to an area of concentration.

Prerequisite: EGR-4012.

EGR 4053 - Statistical Quality Control (3)

This course will provide an introduction to traditional statistical quality control topics such as control charts, acceptance sampling, process capability analysis, total quality management, lean manufacturing, six-sigma concepts and practices, measurement, detection, reduction, elimination, and prevention of quality deficiencies. The Taguchi method and its application to engineering design will also be covered.

Prerequisite: EGR-2063.

EGR 5019 - Independent Study in Engineering (1-4)**EGR 5029 - Engineering Internship (1-6)**

A supervised experience performed in a professional environment representing a student's major discipline.
Prerequisites: senior standing and departmental application and approval.

ENG - English**ENG 1063G - Introduction to Literature (3)**

A study of literary genres through representative readings. This course is offered in traditional and non-traditional formats

Prerequisite: ENG-1083G or ENG-1084G.

ENG 1083G - College Writing (3)

This course focuses on the process and practice of composition and includes attention to formatting, modes of writing, grammar, and persuasion. Students will develop critical writing, reading, and thinking skills. Emphasis will be given to the research essay, including argumentation, documentation styles, and research techniques. Both MLA and APA styles will be introduced in the course.

Prerequisite: ACT English score of 19 or higher, or SAT Writing score of 450 or higher.

ENG 1084G - College Writing with Laboratory (4)

College Writing with Laboratory is a study of the process of writing, from grammar, vocabulary, spelling, and mechanics, to sentence structure, paragraph development, and writing appropriately for context. Students will develop critical writing, reading, and thinking skills. Attention will be given to research methods, argumentation, analysis, and documentation. The course includes designated laboratory time that will require the student to meet for conferences with the professor and to utilize the MVNU Writing Center. The course is required in the first semester of enrollment for students who score 18 or below on the ACT English sub-test. Students who have previously completed a college-level composition course at a regionally accredited institution with a score of B- or better may opt to take ENG-1083G instead.

ENG 2033 - Introduction to Literary Studies (3)

An introduction for English and integrated language arts majors to the literary world. Primary topics include understanding and applying literary terms; understanding and applying critical schools of thought; and studying various literary professions.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 2043G - Literary Landscapes (3)

A study, travel, and reflection course built around an international or domestic itinerary. Offered only during summer term.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 2073G - British Literature I (3)

A survey of the principal prose and poetry from Beowulf through the neo-classical period.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 2083G - British Literature II (3)

A survey of the principal prose and poetry from the Romantic, Victorian, modern, and post-modern periods.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 2153G - Classical Literature and Mythology (3)

A survey of the major works, genres, and myths of the ancient Greeks and Romans (Classical Antiquity).

Prerequisite: ENG-1083G or ENG-1084G.

ENG 2163G - American Literature: Beginnings to 1945 (3)

A survey of significant works in various genres from the beginnings of America to 1945.

Prerequisite: ENG-1084G or ENG-1084G.

ENG 3011 - Writing Lab Practicum (1)

A supervised experience as a Writing Coach in MVNU's Writing Lab. Students will synthesize theoretical knowledge of rhetoric and the practical mechanics of writing to provide specific guidance primarily for students in ENG-1083 College Writing and ENG-1084 College Writing with Lab.

ENG 3033 - Shakespeare (3)

A study of Shakespeare's art and thought in representative dramas.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 3069G - Global Literature Special Topics (3)

Special studies in Global Literature, which is defined as non-British and non-American with special emphasis given to Asian, South American, African, and other traditionally non-Western areas. Topics, offered according to the interest of instructor or requests by students, will vary by section and could include: Chicano/a Literature; Non-Western Nobel Prize Winners; Russian Novelists; Modern Chinese Literature, etc.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 3079 - American Literature Special Topics (3)

In-depth special studies in American literature. Topics, offered according to the interest of instructor or requests by students, will vary by section and could include: Literature of the Civil War; American Modernism; The American Renaissance; Contemporary American literature; American Nobel and Pulitzer Prize Winners, Multi-Ethnic American Literature.

Prerequisite: ENG-G2163.

ENG 3089 - British Literature Special Topics (3)

In-depth, special studies in British literature. Topics, offered according to the interest of instructor or requests by students, will vary by section and could include: The Serialized, Illustrated, and Censored Novel; Contemporary British Fiction; Shakespeare & Dickens; Irish Literature; Scottish Poetry; British Drama; War Poets; The Rise of the Gothic; The Inklings Revisited; Renaissance and Jacobean Drama; Empire Literature.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 3173 - Poetics and Literary Theory (3)

An advanced study of classical and contemporary theory and criticism ranging from Aristotle to Foucault. Semiotics, structuralism, deconstruction, feminism, Marxism, and the new historicism are among the critical schools examined.

ENG 3183 - History of the English Language (3)

A survey of the development of the English language from its distant roots in Proto-Indo European up to the present day, including an introduction to phonetics and language construction.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 4002 - Content Area Teaching Methods in Language Arts (2)

An experience-based study of methods for effective secondary teaching. Special emphasis is given to teaching methodologies and research findings on the teaching of literature, reading, and writing.

Prerequisite: Admission to the Teacher Education Program. Corequisite: EDU-4001.

aENG 4009 - Studies in Authors (3)

An in-depth engagement with the oeuvre of one or, at most, two major writers in English. In this course, student will read multiple primary works by one or two authors in their historical and critical contexts, engaging salient points in the writers' biographies, reception history, and literary reputation.

aENG 4019 - Studies in Genre (3)

An in-depth engagement with a specific genre of literature. Sections of this course will investigate the major characteristics and historical development of a traditional genre (short story, drama, poetry, novel, film) through in-depth analysis of signal works.

ENG 4029 - Studies in Theme (3)

An in-depth engagement with a specific theme in literature. This course will explore a significant theme, movement, or question in literature that crosses multiple genres, regions, and/or time periods. Topics will be offered according to the interest of the instructor, the discretion of the department, and/or requests by students.

ENG 4063 - English Grammars (3)

An advanced study of grammar for English majors, journalism majors, TESOL minors, and middle school and secondary teachers who will teach language and composition. Special emphasis is given to methods of analyzing sentence structure and to rhetorical grammar.

ENG 4093 - English Capstone (1)

A capstone experience for all English majors and Integrated Language Arts majors. A supervised research project is required. Preparation for, completion, and evaluation of the major field test in English (MFAT) is also required.

Prerequisite: ENG-1083G or ENG-1084G.

ENG 5019 - Independent Study in English (1-4)**ENG 5029 - English Internship (1-6)**

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

ENG 5091 - English Honors Research (1-2)

A research project within the major. Supervised by a faculty mentor and evaluated by a committee of three faculty members. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval required from the chair of the English and Modern Languages Department.

ENS - Music Ensemble**ENS 1001G - Music Stage Productions (0-1)**

Rehearsal and performance of musical stage works from operatic literature and music theater. It may include full works or selected scenes.

Prerequisite: Approval by the instructor, usually through audition.

ENS 1011G - Collegians Chorale (0-1)

Large mixed vocal ensemble.

Prerequisite: Selection by audition.

ENS 1020G - Goliards Chamber Ensemble (0-1)

Vocal chamber ensemble.

Prerequisite: Selection by audition.

ENS 1021G - Treble Singers Women's Choir (0-1)

Soprano Soprano Alto Alto (SSAA) vocal ensemble.

Prerequisite: Selection by audition.

ENS 1031G - Symphonic Wind Ensemble (0-1)

Concert Band.

Prerequisite: Selection by interview.

ENS 1070G - Jazz Band (0-1)

Jazz Big Band.

Prerequisite: Selection by audition.

ENS 1080G - Pep Band (0-0.5)

Pep band.

Prerequisite: Selection by interview.

ENS 1090G - Chamber Winds Ensemble (0-0.5)

Small, select woodwind or brass ensembles.

Prerequisite: Selection by audition.

ENS 2010G - Flute Choir (0-0.5)

Flute ensemble.

Prerequisite: Selection by audition.

ESS - Earth & Space Science**ESS 1034G - Earth Science with Laboratory (4)**

A survey of geology and oceanography. Special emphasis is given to the natural environment, its forces, and physical phenomena seen on the planet. A laboratory is included.

Prerequisite: Must have a grade of C- or better in MAT-0083, or an ACT Mathematics sub-score of 17 or higher, or an SAT Mathematics sub-score of 460 or higher.
Corequisite: ESS-1030.

ESS 1044G - Astronomy with Laboratory (4)

A study of the structure, composition, organization and history of the universe. Special emphasis is given to the solar system, the structure and function of stars, the

structure of galaxies, the organization of matter, and theories about the history and origin of the universe.

Prerequisite: Must have a grade of C- or better in MAT-0083, or an ACT Mathematics sub-score of 17 or higher, or an SAT Mathematics sub-score of 460 or higher.

Corequisite: ESS-1040.

ESS 1054G - Meteorology With Laboratory (4)

A study of the earth's atmosphere, physical factors that affect weather, weather systems and patterns, and scientific methods used to collect data, analyze trends, and forecast weather.

Prerequisite: Must have a grade of C- or better in MAT-0083, or an ACT Mathematics sub-score of 17 or higher, or an SAT Mathematics sub-score of 460 or higher.

Corequisite: ESS-1050.

FIN - Finance

FIN 2003G - Consumer Finance (3)

A practical application of personal and family financial management. Topics include budgets, loans, spending, housing, insurance, investments, and taxes. This course is offered in traditional and non-traditional formats.

FIN 3073 - Financial Management (3)

An introduction to financial management. Special emphasis is given to financial analysis and planning, working capital management, and the capital budgeting process.

Prerequisite: ACC-2063 and MAT-2063G.

aFIN 3083 - Principles of Investment (3)

An introduction to the securities markets and specific investment strategies. This course will introduce various investment vehicles and many techniques of investment planning.

Prerequisite: FIN-3073; alternatively, students may be approved to take this course is accepted into the Financial Planning Program.

FIN 3093 - Topics in Finance (3)

Small group discussions of readings in current research literature. Topics vary from year to year; the course is repeatable.

Prerequisite: FIN-3073.

aFIN 3103 - Financial Markets & Institutions (3)

This course examines the ways in which the financial system functions in the economy, including the role of financial intermediaries, the money markets, the Federal Reserve banking system, monetary theory and policy, and capital markets.

Prerequisite: ECO-1033.

aFIN 4063 - Intermediate Financial Management I (3)

An advanced study of the theoretical relationships underlying financial management. Emphasis is given to decisions involving capital structure and long term financing.

Prerequisite: ABT-2013 and FIN-3073.

aFIN 4073 - Intermediate Financial Management II (3)

An advanced study of the theoretical relationships underlying financial management. Emphasis is given to working capital, capital management, financial analysis, and special topics.

Prerequisite: FIN-4063.

FIN 4093 - Financial Planning Capstone (3)

Students will use all of the steps in the financial planning process to evaluate, develop, and present comprehensive financial plans for clients. Students are required to apply the CFP Board's Practice Standards throughout the process.

Prerequisite: ACC-3033, FIN-3083, aFIN-4113, aFIN-4143, aFIN-4153, and aFIN-4133.

aFIN 4113 - Risk and Insurance (3)

Students examine the principles of risk management and the use of insurance as a method of managing financial risk exposure. Students learn how to identify the various types of financial risk and to evaluate alternative strategies in order to lessen the impact of unplanned events. The analysis of client insurance needs and methods of determining the type and amount of insurance best suited to each client's situation is examined, incorporating discussions of life, property, liability, homeowner's and personal auto insurance. Also covered are medical and disability insurance and long-term care policies.

aFIN 4133 - Professional Financial Planning (3)

Students examine the concepts of financial planning, including the technical skills required in areas such as income tax, investments, insurance, employment benefits,

and estate planning. Students will learn how to provide financial planning services and develop client relationships.

aFIN 4143 - Retirement Planning (3)

An introduction to retirement planning for the financial planning professional.

Prerequisite: Junior standing.

aFIN 4153 - Estate Planning (3)

An introduction to estate planning for the financial planning professional.

Prerequisite: Junior standing.

FIN 5019 - Independent Study in Finance (1-4)

FIN 5029 - Finance Internship (1-6)

A supervised experience performed in a professional environment related to finance.

Prerequisite: Departmental application and approval.

GRD - Graphic Design

GRD 1013G - Design Foundations (3)

An introduction to the theory and practice of visual communication design with emphasis given to the study of composition, the elements of design, the dynamics of color, and the illusion of space.

Crosslisted as: ART-1013G.

GRD 2003 - Computer Graphic Design I (3)

A beginning course in which students begin to develop skills using Illustrator, Photoshop, and InDesign on Mac. Producing work for print is emphasized. Students also increase ability to effectively solve graphic design problems, and increase in the development of professional work habits.

GRD 2023 - Typography (3)

An intensive foundation in the elements of typographic design, introducing the design and history of letterforms; delving into typographic hierarchy; integrating type and image; using an underlying typographic grid and style sheets in editorial and publication design, with emphasis on readability and legibility. Attention is given to clear visual organization and excellent detailing of hyphenation and justification as well as spacing of text.

GRD 2093G - Digital Photography (3)

A beginning course in which students begin to develop skills as a digital photographer. The course covers the basics of photography, digital cameras, and the use of Adobe Photoshop, Camera RAW and Bridge on the Macintosh computer to retrieve, save and manipulate digital photographs.

GRD 3003 - Computer Graphic Design II (3)

An intermediate course in which students increase in skill using Illustrator, InDesign, and Photoshop, alone and in tandem. Special emphasis is given to typography. Students solve graphic design problems using the computer, orally critique their own and others' work, print and professionally present their projects.

Prerequisite: GRD-2003.

GRD 3013 - Computer Graphic Design III (3)

An advanced course using InDesign, Illustrator, Photoshop, scanning, digital photography and high-end color output to produce documents and images for graphic design. Emphasis is on oral critique, presentation skills and creating a strong, client-based design that solves communication problems.

Prerequisite: GRD-2003 and GRD-3003.

GRD 3023 - History of Graphic Design (3)

A survey of the graphic design from prehistory to the present age. Topics include the origins of European typography and design for printing; the impact of the Industrial Revolution on visual communication; graphic design in the first half of the twentieth century, and graphic design in the information age. ART1002G is strongly recommended.

Prerequisite: ART-1002G is strongly recommended.

aGRD 3033 - Illustration (3)

An exploration of media used for advertising, editorial, institutional or book illustration. Special emphasis is given to solving visual problems, and responding positively to critiques. The course may be repeated for a total of six (6) semester hours of credit.

Prerequisite: GRD-1013G or ART-1013G; ART-1053G and ART-2063G are recommended.

GRD 3043 - Web Design for Designers (3)

A study of and practical experience in conceptualizing, designing, making functional, and maintaining a web site using contemporary computer programs.

Prerequisite: GRD-2003.

GRD 4073 - Senior Graphic Design Project (3)

An advanced graphic design study project during which the student develops a strong body of work for a professional portfolio, and participates in the portfolio show. Students must enroll for two consecutive semesters and earn a total of six (6) hours credit. Open only to senior graphic design majors.

Prerequisite: Open only to senior graphic design majors with advisor approval.

GRD 5019 - Independent Study in Graphic Design (1-4)

GRD 5029 - Graphic Design Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

GRD 5091 - Graphic Design Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of intent for Honors Research Project by the Honors Program Director.

HIS - History

HIS 1003 - Western Civilization I: Antiquity to Reformation (3)

A study in the rise of the Western tradition from a global perspective. Special emphasis is given to the development of early empires, the impact of world religions and a survey of medieval history.

HIS 1013G - The Western Tradition in World Context (3)

This course will examine the development of Western civilization within a broader world context since 1500 a.d. The course particularly attends to the emergence of modern patterns of life, including modern states and systems of production and exchange, the development of modern science and technology, globalization, and modern concepts of the self and society. Emphasis on primary texts.

HIS 2013 - United States History to 1865 (3)

A study of the political, economic and social development of the American people from the beginning through the Civil War.

HIS 2023 - United States History Since 1865 (3)

A study of the political, economic and social development of the American people from the Civil War to the present.

aHIS 3003 - Age of the Renaissance and Reformation (3)

A study of Europe from 1350 to 1648 with a special focus on the revolution that transformed Medieval culture and laid the foundation for the modern world.

aHIS 3013 - Colonial America (3)

A study of the foundation of the American nation beginning with the founding of the English colonies. Special emphasis is given to the War for Independence.

aHIS 3033 - The American Civil War (3)

An extended study of the causes, major events and significance of the War between the States from 1861-1865.

aHIS 3043 - Modern America (3)

An extended study of American domestic and foreign policy issues from the Great Depression to the present.

aHIS 3053 - History of Modern Britain (3)

A survey of British history from 1603 to the present.

aHIS 3063 - History of Modern Russia (3)

A survey of Russian history from the 18th century to the present.

aHIS 3079 - Special Topics in U.S. History (3)

Small group discussions of readings in current research literature in American History. Topics vary from year to year; the course may be repeated.

aHIS 3089 - Special Topics in European History (3)

Small group discussions of readings in current research literature in European History. Topics vary from year to year; the course may be repeated.

aHIS 3093G - History of the Modern Middle East (3)

An introduction to Islamic civilizations across the world from its origin in the seventh century A.D. to the present.

aHIS 3099 - Special Topics in Non-Western History (3)

Small group discussions of readings in current research literature in non-Western History. Topics vary from year to year; the course may be repeated.

aHIS 3123 - History of Ohio (3)

A survey of Ohio's history from the pre-Columbian mound builders to the present, with emphasis on geographical, political, social, cultural, and economic aspects of Ohio's development.

aHIS 3133 - Modern Warfare: World War I & World War II (3)

This course serves as an introduction to military history by looking at World War I and World War II. Attention will be paid to the social, political, and economic causes of wars, the nature of alliances in these wars, the events and battles characterizing the wars, strategies and tactics utilized in wars, and the resolution of wars.

aHIS 3193 - Seminar in Historical Research (3)

An introduction to historiography and methods of historical research. Students perform a major research project to learn basic techniques of historical analysis, interpretation, and writing.

HIS 4001 - Research Capstone (1)

This is a one-credit research-intensive course that allows history majors of junior or senior standing who have successfully completed HIS-3193 Seminar in Historical Research to demonstrate their mastery of historical research methods and techniques by completing a capstone project. All history majors are required to earn a C or higher in this course at least once in order to graduate.

Prerequisite: Grade of C or better in aHIS-3193.

HIS 4002 - Content Area Teaching Methods in Secondary Social Studies (2)

An experience-based study of the characteristics of social studies and substantive issues related to curriculum, and to designing, developing, and executing instruction within secondary schools.

Prerequisite: Admission to the Teacher Education Program.
Corequisite: EDU-4001.

HIS 5019 - Independent Study in History (1-4)

Prerequisite: Junior standing and departmental application and approval.

HIS 5029 - History Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

HIS 5091 - History Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of intent for Honors Research Project by the Honors Program Director.

HON - Honors**HON 1003G - Core Conversations I (3)**

An interdisciplinary study of some of the major texts from the ancient near east, Greece and Rome that have influenced the development of the western tradition. Course is taught in seminar format.

Prerequisite: Admission to the Honors Program or permission from the Honors Program Director.

HON 1013G - Core Conversations II (3)

An interdisciplinary study of major texts in Medieval and Renaissance Europe that have influenced the development of the western tradition. Course is taught in seminar format.

Prerequisite: Admission to the Honors Program or permission from the Honors Program Director.

HON 1021 - Honors Seminar for Freshmen (1)

An interdisciplinary course treating issues of contemporary concern. Topics vary by semester. Students receive satisfactory/unsatisfactory grades.

Prerequisite: Admission to the Honors Program or permission from the Honors Program Director.

HON 2021 - Honors Seminar (1)

An interdisciplinary course treating issues of contemporary concern. Topics vary by semester.

Prerequisite: HON-1021 or permission from the Honors Program Director.

HON 3021 - Honors Special Topics (1)

A small group discussion of readings with experimental formats to engage students in a variety of teaching and

learning modes. The course may be repeated for a total of two credits.

HON 3091 - Honors Project Preparation (1)

Planning and designing an honors research project in the student's major. Special emphasis is given to the basic elements of research: literature review, methodology, presentation of findings, and conclusions.

HON 4099 - Honors Project (1-3)

Supervised completion of a major research, application, development, or creative project. The project must include a substantial written report of (a) project description, (b) review of literature or related works, (c) methodology, (d) results, and (e) conclusion (or equivalent format used in the student's major and approved by the project mentor and Director of the Honors Program). The course may be repeated for a maximum of 5 credits.

Prerequisite: HON-3091 and permission from the department chair in the student's major.

HSC - Health Science

HSC 1012 - Professional Perspectives in Healthcare (2)

The focus of this course is to introduce a variety of healthcare professions and responsibilities related to those roles. Content and discussions explore the commitment and development of characteristics and behaviors necessary to be successful in completing academic and practice requirements for each of the professions.

HSC 1013G - Nutrition for Health Professionals (3)

The course examines the use of nutrients to support health, the nutritional needs throughout the life cycle, and diet analysis in health care and life settings. Emphasis is placed on making healthy life style choices based on the science of nutrition. Basic concepts of health promotion/health maintenance are explored using select theories of health promotion and health behavior change. Biblical foundations for healthy living are examined to promote maximal health in self and others.

HSC 3003G - Cultural Responsiveness in Healthcare (3)

This course exposes students to several non-Western cultures that students could encounter during their careers in health care. The course is meant to increase student sensitivity to various cultural views about health and health care, and to increase student awareness of how approaches toward ethnic patients influence patient response and healing.

HSC 3013 - Healthcare Delivery (3)

This course focuses on types, operations, and regulations of health services organizations. Topics include characteristics of varied healthcare organizations, how health services are delivered to consumers, financial aspects of healthcare delivery, quality assessments and improvement, and the impact of regulatory and accrediting organizations.

HSC 4001 - Senior Seminar for Health Sciences (1)

This course provides an opportunity for seniors to articulate and implement knowledge gained through the Health Science degree program. Students are expected to integrate and articulate competencies related to their chosen health science career concentration through a project, culminating in a written report and presentation.

HSC 4014 - Concepts in Population Health (4)

A study of the principles of health promotion within a framework of epidemiology. Primary, secondary, and tertiary care based on the healthy people's identified target areas is emphasized. The role of the healthcare professional advocating for healthy communities is included. Community resources are highlighted.

HSC 4113 - Leadership and Management Issues in Healthcare (3)

Key concepts related to the role as a leader and manager in healthcare is examined. Theories of planned change are explored.

Prerequisite: Health Sciences major in last semester of program. Corequisite: HSC-4110.

HUM - Humanities

HUM 1012G - Discipleship of the Christian Mind (2)

This course helps students identify, form, and practice habits of the Christian mind through the basic analysis of worldview in their own lives and in key texts and through writing. It aims to introduce students to the vision of liberal arts education at MVNU and to the life of the mind as an aspect of Christian discipleship.

Prerequisite: ENG-1084 or ACT English score of 19 or better or SAT Writing score of 450 or better.;CSS-1002 or ACT Composite score of 19 or better or SAT Composite score of 910 or better.

HUM 1013G - Discipleship of the Christian Mind with Laboratory (3)

This course helps students identify, form, and practice habits of the Christian mind through the basic analysis of worldview in their own lives and in key texts and through writing. It aims to introduce students to the vision of liberal arts education at MVNU and to the life of the mind as an aspect of Christian discipleship. Specific emphasis is placed on techniques, habits, and skills essential for college success including learning strategies, active reading, test-taking skills, time management, and study habits. Career and academic planning, as well as other college resources, is provided to students. The course also includes designated lab times with a student Academic Peer Mentor. Required for conditionally admitted students.

HUM 2013G - Arts and The Human Identity (3)

This course explores art broadly conceived as a mode of action essential to human identity and culture and will ask fundamental questions about the nature and purposes of art. The course will connect students to the arts by giving them Christian categories for seeing art - its creation and use - as part of their humanity, introduce them to some significant works in music, literature, and the fine arts, and encourage their aesthetic enjoyment of various art forms.

IBS - International Business**IBS 3003G - International Business Operations (3)**

An introduction to the theory and practice of business operations of international and multinational firms. Special emphasis is given to international trade theory, marketing, finance and human resource management.

IBS 5019 - Independent Study in International Business (1-4)

ICS - Intercultural Studies**ICS 1013 - Foundations of Missions (3)**

An overview of the biblical and theological bases for missions. Topics include the making of a missionary, the biblical mandate for missions, and the theological foundations of missions.

alCS 2003G - Introduction to Cultural Anthropology (3)

This course will explore the variety of human cultures found around the world by allowing students to investigate cultural similarities and differences through the tools anthropologists use to gain insight into cultural diversity present in our world.

alCS 2042G - Global Diversity and Intercultural Understanding (2)

Introduction of diversity in national societies and the world at large. Special emphasis is given to interpreting, appreciating, and dealing with diversity with acceptance and trust.

ICS 2089 - Special Topics in Missions (1-3)

Various topics in missions, generally taught by active missionaries.

ICS 3013 - Gospel and Culture (3)

A study of how the Gospel is lived and expressed within cultural contexts. Special emphasis is given to the process of critical contextualization and the development of indigenous churches within the various societal types.

ICS 3022 - Cross-Cultural Life & Work (2)

An introduction to cross-cultural life and work. Special emphasis on vocational calling, readiness for work in other cultures, and troubleshooting issues in making the transition from home culture to host culture.

Prerequisite: ICS-1013 or ICS-3023.

ICS 3023 - History of World Christian Movements (3)

A survey of the history of Christian missions. Special emphasis is given to the history of the missionary work of the Church of the Nazarene.

ICS 3089G - Intercultural Practicum (2-6)

An in-depth experience in a cross-cultural service and ministry setting.

ICS 3099 - Urban Ministry Practicum (0-6)

An in-depth experience in multiple service and ministry agencies within the urban setting.

ICS 3133 - Introduction to Linguistics (3)

An introductory study of linguistics including animal and primate communication, phonology, morphology, syntax, semantics, and pragmatics.

ICS 5019 - Independent Study in Intercultural Studies (1-4)**ISP - Intervention Specialist****ISP 2093 - Inclusive Classrooms and Exceptional Teaching (3)**

An examination of the rationale and instructional procedures for educating exceptional children in the regular

classroom. Special emphasis is given to collaboration (including school and non-school personnel), inclusion, exceptionality, individual education, transition plans, effective assessment and instructional procedures, and student diversity.

Prerequisite: Admission to the Teacher Education Program.

ISP 3002 - Intervention Assessments (2)

This course is designed to provide instruction in the principles and techniques of administration, application, and interpretation of tests, test results, and data specific to intervention specialist licensure.

Prerequisite: Admission to the Teacher Education Program and ECE-3012.

ISP 3032 - Intervention Specialist Field Experience K-5 (2)

A structured field experience under the supervision of a university supervisor and a cooperating teacher in which candidates work with children with mild or moderate educational needs. The focus is on gaining knowledge of the characteristics of adolescent learners with mild or moderate disabilities, and an understanding of the role of the intervention specialist in meeting their needs.

Prerequisite: Admission to the Teacher Education Program.

ISP 3042 - Intervention Specialist Field Experience 6-12 (2)

A structured field experience under the supervision of a university supervisor and a cooperating teacher in which candidates work with young adolescents and adolescents with mild or moderate educational needs. The focus is on gaining knowledge of the characteristics of adolescent learners with mild or moderate disabilities, and an understanding of the role of the intervention specialist in meeting their needs.

Prerequisite: Admission to the Teacher Education Program.

ISP 4001 - Methods Laboratory (1)

This is a structured field experience in the candidate's student teaching special education placement. During this field experience, the candidate will demonstrate the ability to use a repertoire of evidence-based instructional strategies to individualize instruction for individuals with exceptional learning needs. This experience involves a placement under the supervision of a university supervisor certified in the area of mild/moderate disabilities, and a cooperating teacher.

Prerequisite: Admission to the Teacher Education Program.

ISP 4002 - Specialized Instruction: Reading/Writing (2)

This course presents a range of research-based instructional strategies and teaching innovations in reading and language. Candidates will learn to select, adapt, and use research-based instructional strategies and materials according to characteristics of the individual with exceptional learning needs.

Prerequisite: Admission to the Teacher Education Program.

ISP 4012 - Specialized Instruction: Math/Science/Social Studies (2)

This course presents a range of research-based instructional strategies in mathematics and other content areas. Candidates learn to select, adapt, and use research-based instructional strategies and materials according to characteristics of the individual with exceptional learning needs.

Prerequisite: Admission to the Teacher Education Program.

ISP 4022 - Behavior Analysis and Management (2)

An examination of research-based best practices for effective management of teaching and learning for individuals with exceptional needs. Candidates learn to create supportive learning environments in which diversities are valued, integrate individuals with exceptional learning needs into various settings, modify the environment to manage behavior, monitor and analyze student behavior, and use varied behavior management and reinforcement systems consistent with the needs of the individual.

Prerequisite: Admission to the Teacher Education Program.

ISP 4051 - Professional and Collaborative Practice (1)

A series of weekly seminars addressing professional and ethical practice related to individuals with exceptional learning needs and special education as a collaborative practice. Special emphasis is given to practice within the Council of Exceptional Children Code of Ethics.

Prerequisite: Admission to the Teacher Education Program.

ISP 4096 - Student Teaching: Intervention Specialist (6-12)

A full-time seven (7) week student teaching experience in a state-approved unit serving individuals with mild or moderate disabilities under the guidance of a cooperating teacher. Successful completion requires demonstration of competencies necessary for licensure as a mild/moderate intervention specialist. The course is graded on a satisfactory-unsatisfactory basis.

Prerequisite: Admission to the Student Teaching Program and EDU-3063G.

ITD - Interdisciplinary Studies

ITD 1009G - Crossing Cultures Training & Experience (0-1)

This course explores basic knowledge and best practices for working among and within other cultural groups through participation in a cross-cultural trip experience. This course is required as a co-requisite with any a qualified Spring Break or summer crossing cultures trip which is sponsored and led by Mount Vernon Nazarene University. It meets the Explorations in Crossing Cultures Option (Avenue 1B) in the University Core when linked to a crossing cultures trip. Credit will be applied at the completion of the course, trip and required written reflection.

aITD 2029 - Mission and Ministries (1-4)

A supervised work study experience in mission and ministry. The course can be repeated for a maximum of four (4) credits.

ITD 2072 - Leadership Skills (2)

A study of leadership and group process theory, including the practice of group and self-development. Special emphasis is given to applying theory and concepts to college student development.

ITD 3003 - Science and the Judeo-Christian Faith (3)

A study of great scientific discoveries, of biblical references to the natural world, and of conflicts that arise from interpretations of science and Scripture.

aITD 3084G - Seminar in International Development (4)

An interdisciplinary study experience in which students apply their major discipline toward the development of a third world country.

ITD 5013G - Contemporary Concerns (3)

This capstone course is a multi-disciplinary engagement with contemporary problems from the perspective of Christian faith, with emphasis on distinctive Wesleyan perspectives and ethical analysis. It will evaluate a number of issues central to the lives of citizens. It will also engage a specific topic of professional or disciplinary interest as developed by an individual faculty member's scholarship or interest. Some topics will be common to all sections and other topics will vary by section.

Prerequisite: Complete either BIB-1014G or both BIB-1003G and BIB-1013G, as well as PHI-2013G and THE-3003G.

MAN - Management

MAN 2003 - Principles of Management (3)

A study of the administration of an organization with emphasis on planning methods, organizing techniques, motivating factors and controlling procedures. This course is offered in traditional and non-traditional formats

MAN 3003 - Business Law I (3)

An introduction to commercial law based on the U. S. Constitution, common law, and statutory law. Special emphasis is given to legal aspects of common business transactions including contract law, torts, crime and intellectual, real and personal property.

MAN 3013 - Business Law II (3)

An introduction to the Uniform Commercial Code affecting commercial paper, product liability, and creditor's rights. Government regulation of business entities is also emphasized.

Prerequisite: MAN-3003.

aMAN 3033 - Human Resource Management (3)

A study of the role of human resource management as a staff function within the organization. The human resource management functions of recruitment, interviewing, human resource planning, equal employment, job analysis, wage and salary administration, management development, training, compensation, and labor relations are examined. An investigation of the interpersonal relationships of employees in the organizational setting is also considered.

Prerequisite: MAN-2003.

MAN 3043 - Small Business Management (3)

A study of the discipline of entrepreneurship. Special emphasis is given to the entrepreneurial process, creating a business plan, entry strategies, market opportunities, financial projections, sources of capital, legal and tax issues, and divesting strategies.

Prerequisite: ACC-2063, MAN-2003, and MAR-3033.

aMAN 3063 - Leadership (3)

A study of the current understanding of leadership theory and practice with a goal of developing the student's personal theory of leadership.

Prerequisite: MAN-2003.

MAN 3083G - Organizational Behavior (3)

A study of behavior in organizational settings as affected by individual, group and organizational processes. Special emphasis is given to learning, motivation, attitudes, stress, organizational culture, group processes, and decision-making.

aMAN 3093 - Topics in Management (3)

Small group discussions of readings in current research literature. Topics vary from year to year; the course may be repeated.

Prerequisite: MAN-2003.

aMAN 3103 - Management of Nonprofit Organizations (3)

A study of the fundamentals of managing nonprofit organizations; highlighting the unique attributes associated with health care, education, faith based, and civic organizations; and identifying the best practices of nonprofit organizations.

Prerequisite: MAN-2003.

aMAN 3113 - Administration of Government and Business (3)

This is a hybrid course with a purpose of introducing students to the field of public administration and enhancing their knowledge of the nature of government regulation of business. It includes a study of the fundamentals of managing state and local government units and federal government agencies. The design will also facilitate special topics that both for-profit and not-for-profit organizations must address as a result of greater government involvement in the markets.

Prerequisite: MAN-2003.

MAN 4013 - Business Ethics (3)

A study of ethical theories as they relate to various contemporary problems in the business world. Emphasis is placed on class participation and practical application. Students develop a code of ethics for their organization. Special emphasis is given to the biblical foundation of values and the application of Christian ethical principles in the business world.

aMAN 4023 - Operations Management (3)

To provide thorough familiarization with the many theories and techniques of operations management as they apply to accomplishing objectives in all types of business operations

and many other walks of life, but especially to manufacturing and service operations. This course is offered in traditional and non-traditional formats.

MAN 4033 - Strategic Planning (3)

A capstone course focusing on the strategic long-range planning process. The course involves an examination of the development, implementation, and formulation of business strategy and policy, and stresses the need for awareness of and accommodation to change in the company's internal and external environments. Generic business strategies and techniques for analyzing strategies are explored. Special emphasis is given to integrating decisions in business with the Christian faith.

Prerequisite: FIN-3073.

MAN 4053 - New Venture Creation (3)

This course examines creativity and the process of entrepreneurship, including the generation of potential business opportunities, evaluation of venture potential, development of a new venture team and an entrepreneurial organization, startup, growth, and harvest strategies for entrepreneurial ventures, and marketing of new ventures.

Prerequisite: MAN-2003.

MAN 5019 - Independent Study in Management (1-4)

MAN 5029 - Management Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

MAR - Marketing

aMAR 2002 - Public Relations Practicum (2)

A practicum in which students learn aspects of public relations.

Prerequisite: Complete either COM-2013 or MAR-2013, and either COM-3113 or MAR-3113.

MAR 2013 - Introduction to Public Relations (3)

A survey of the public relations discipline including the professional foundation of ethics, law and theory as well as the process, audiences, and professional practice areas.

Crosslisted as: COM-2013.

MAR 2033 - Principles of Marketing (3)

An introduction to the theory and practical application of marketing principles. The basic objectives are to provide an introduction to marketing concepts, the role of marketing in the firm and the various factors that influence marketing decision-making.

aMAR 3053 - Marketing Management (3)

An in-depth study of marketing policies and strategy, organization, demand analysis, product planning, pricing, physical distribution, and promotion.

Prerequisite: MAR-3033.

MAR 3063 - Personal Selling (3)

A study of planning, organizing, developing, directing, controlling, and evaluating the sales force. Special emphasis is given to ethical implications of sales management.

Prerequisite: MAR-3033.

aMAR 3073 - Advertising and Promotion (3)

A study of advertising methods used for promotion of products and services by organizations.

Prerequisite: MAR-3033.

aMAR 3083 - Digital Marketing (3)

A survey of current strategies and techniques in digital marketing and new media. Survey topics include digital marketing foundations, web design, website optimization and analytics, paid search marketing, online advertising, email marketing, business applications for social media, and other emerging web-based marketing techniques.

aMAR 3093 - Topics in Marketing (3)

Small group discussions of readings in current research literature. Topics vary from year to year; the course may be repeated.

Prerequisite: MAR-3033.

MAR 3113 - Advanced Public Relations (3)

An introduction to strategic issues and effective practices of communication between organizations and their constituencies. These include the study of public opinion research, media relations, public communication campaigns, consumer identity, and representational ethics. Students gain practical experience in writing news releases, conducting surveys and designing integrated campaigns.

Prerequisite: MAR-2013 or COM-2013. Crosslisted as: COM-3113.

aMAR 4063 - Marketing Research (3)

An introduction to the practical concepts used to develop and implement marketing strategies. Special emphasis is given to an overview of marketing and strategies for product, pricing, advertising, promotion, and distribution channels.

Prerequisite: MAR-3033.

aMAR 4073 - Marketing Strategy (3)

A study in planning and implementing marketing policies and strategies. Special emphasis is given to ethical dilemmas facing a marketing manager.

Prerequisite: FIN-3073, MAR-3053 and senior classification.

MAR 5019 - Independent Study in Marketing (1-4)**MAR 5029 - Marketing Internship (1-6)**

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

MAT - Mathematics

Students are required to take MAT-0083 Basic Algebra if their ACT mathematics sub-score is below 17, or if their SAT mathematics sub-score is below 480. Also, students are required to take MAT-0093 Algebra if their ACT mathematics sub-score is 17 or 18, or if their SAT mathematics sub-score is 480-520. Credit hours for these courses do not count toward graduation.

MAT 0083 - Basic Algebra (3)

A study of basic algebra for students with no college preparatory mathematics, or for students with deficiencies in basic algebra skills. Topics include basic arithmetic, basic algebra, and geometric formulas. This course is not open to students in the post-secondary enrollment options program. This course is required for students who score below 17 on the ACT Mathematics sub-test, or below 480 on the SAT Mathematics sub-test.

MAT 0093 - Algebra (3)

An algebra course for students with some high school algebra background to develop additional algebraic skills required for higher level mathematics courses. Topics include: exponents and polynomials, factoring and solving

equations, rational expressions and equations, systems of linear equations, and radical expressions including the quadratic formula. This remedial course is not open to students in the post-secondary enrollment options program

Prerequisite: Must have a grade of C- or better in MAT-0083, or an ACT Mathematics sub-score of 17 or 18, or an SAT Mathematics sub-score of 500-520.

MAT 1013G - Trigonometry (3)

A study in trigonometry. Topics include circular functions, identities, equations, and graphing.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

MAT 1023G - Precalculus Mathematics (3)

A study in pre-calculus concepts of the properties of elementary functions including the polynomial, trigonometric, logarithmic and exponential functions. Special emphasis is given to analytic geometry of the line and cone.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

MAT 1033G - Intro to Mathematical Systems (3)

A study of number systems. Special emphasis is given to logic, axioms and applications from groups and non-Euclidean geometry.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

MAT 1034G - Calculus I (4)

An introduction of differentiation and integration of elementary functions.

Prerequisite: Must have a grade of C- or better in MAT-1023, or an ACT Mathematics sub-score of 25 or higher, or an SAT Mathematics sub-score of 620 or higher.

MAT 1053 - Elementary Discrete Mathematics (3)

A study of discrete mathematics as it relates to computer science. Topics include functions, proof techniques, sets, algebra, summation, number systems, logic, Boolean algebra, probability, combinatorics and graph theory.

Prerequisite: A grade of C- or better in MAT-1013G or a passing score on the Trigonometry Placement Examination.

MAT 1063 - Mathematics for Elementary Teachers (3)

A comprehensive approach to the mathematical knowledge, both conceptual and procedural, necessary for an Ohio early childhood education teaching credential (K-5). Topics covered in this course include number literacy, operations, and properties with whole numbers, fractions, decimals, ratios, rates, and proportions, as well as the properties and algorithms. A thorough introduction is given to the areas of algebraic thinking, measurement, data, geometry, and general foundational mathematical practices. This class is highly interactive and emphasizes group work and cooperative learning.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

MAT 1083 - Foundations of Mathematics (3)

An overview of the foundations of mathematics including logic, sets, and an introduction to proof techniques involving the properties of the natural numbers. Special emphasis is given to the divisibility property of integers, prime numbers, and congruences. Students will also be introduced to mathematical software packages.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

MAT 2034 - Calculus II (4)

A study of limits, differentiation and integration of transcendental functions, methods of integration, polar coordinates, L'Hopital's rule, power series, and applications.

Prerequisite: Must pass MAT-1034G; Must also have a grade of C- or better in MAT-1013G or a passing score on the Trigonometry Placement Examination.

MAT 2063G - Introduction to Statistics (3)

A study of basic descriptive and inferential statistics with emphasis on applications in business, biology, and social sciences.

Prerequisite: Must have a grade of C- or better in MAT-0093, or an ACT Mathematics sub-score of 19 or higher, or an SAT Mathematics sub-score of 530 or higher.

aMAT 3002 - History of Mathematics (2)

A study of the development of mathematics from pre-Greek to recent times. Special emphasis is given to classic work, pivotal theorems, and significant mathematicians in the context of historical problems and periods.

MAT 3013 - Linear Algebra (3)

A study in matrix and vector algebra, vector space, determinants, and linear transformations.

Prerequisite: MAT-1034G.

MAT 3023 - Advanced Discrete Mathematics (3)

A study of discrete mathematics including set theory, Boolean algebra, graph theory, combinatorial analysis, formal languages, and Turing machines.

Prerequisite: MAT-1053, MAT-1083, or CSC-1053.

MAT 3034 - Multivariable Calculus (4)

A study of parametric equations, three dimensional space and vector functions, partial differentiation, multiple integrals, and differential equations.

Prerequisite: MAT-1034G and a grade of C- or better in MAT-1013G or a passing score on the Trigonometry Placement Examination.

aMAT 3043 - Differential Equations (3)

A study in solutions of elementary forms, linear equations and constant coefficients, series solutions, Euler's method and systems of equation.

Prerequisite: MAT-2034.

aMAT 3063 - Probability (3)

A study of finite probability, discrete and continuous sample spaces, combinatorial analysis, conditional probability, distributions, and random variables. This course partially prepares students to sit for actuarial exam P.

Prerequisite: MAT-2034 and MAT-2063G; MAT-3034 is recommended.

aMAT 3073 - Geometry for Educators (3)

A study of concepts generally taught in high school geometry courses, with discussion of non-Euclidean geometries. Methods appropriate for teaching geometry at middle childhood and high school levels are modeled and discussed with emphasis on appropriate manipulatives and technology. The course is not appropriate for non-education majors, except as an elective.

Prerequisite: MAT-1023G.

aMAT 3083 - Number Theory (3)

A study of the properties, relations, and extensions of the natural numbers, integers, and rational numbers. Special

emphasis is given to the divisibility property of integers, prime numbers, and congruences.

Prerequisite: MAT-1053 and MAT-2034.

aMAT 3113 - Numerical Methods (3)

A study of systems of equations, quadrature, and approximation of solutions of non-linear equations. Special emphasis is given to error analysis and machine computation.

Prerequisite: MAT-2034.

MAT 4002 - Content Area Teaching Methods in Mathematics (2)

An experience-based study of the characteristics of mathematics and issues related to curriculum. Special emphasis is given to designing, developing and executing instruction in secondary mathematics.

Prerequisite: Admission to the Teacher Education Program. Corequisite: EDU-4001.

MAT 4011 - Technical Writing in Mathematics (1)

An applied study in writing skills and style appropriate for mathematicians.

aMAT 4023 - Modern Algebra (3)

An introduction to the algebraic structures of groups, rings and fields with topics from number theory.

Prerequisite: MAT-1053 and MAT-2034.

MAT 4042 - Mathematics Senior Capstone (2)

A capstone experience for all mathematics majors and integrated mathematics education majors. An overview of mathematics with an emphasis on the integration of all areas in undergraduate mathematics with an exploration of the relationship between mathematics and the Christian faith. A supervised research project is required. Preparation for, completion, and evaluation of the major field test in mathematics (MFT) is also required.

Prerequisite: Open to senior status mathematics majors only.

MAT 4089 - Special Topics in Mathematics (1-3)

A study of selected topics as complex variables and topology. The course may be repeated for credit in different topics.

Prerequisite: Instructor Permission.

MAT 5019 - Independent Study in Mathematics (1-4)

MAT 5029 - Mathematics Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

MAT 5091 - Mathematics Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

MCE - Middle Childhood Education

Admission to the Teacher Education Program is a prerequisite for all MCE courses.

MCE 3012 - Philosophy of Middle Childhood Education (2)

A study of the philosophy of middle childhood education with emphasis on theory, practice, and the special abilities and needs of the child in the middle level grades.

MCE 3023 - Adolescent Literature (3)

A study of literature written for adolescents, including an introduction to genres, authors and illustrators of children's and young adult books. Special emphasis is given to criteria for evaluation, analysis of literary elements, reader response theory and the curricular uses of literature in developing response activities, lessons, and integrated units of study, particularly in the middle level concentrations of science, social studies, and mathematics.

MCE 3041 - Developmental Literacy Laboratory (1)

A field experience emphasizing the development of oral language, thinking skills, and literacy in young children.

Corequisite: MCE-3043.

MCE 3043 - Developmental Literacy (3)

A study of the principles and practices of facilitating development of oral language, thinking skills, and literacy in young children, preschool through third grade and others whose literacy development has been delayed.

Corequisite: MCE-3041.

MCE 3063 - Basics of Phonetic Instruction (3)

A study of means to teach and assess phonics effectively, phonemic awareness, and word recognition.

Prerequisite: MCE-3043.

MCE 3083 - World Geography (3)

A course designed to study systematically world regions. Special emphasis is given to physical, cultural, economic, and social factors in geography.

MCE 4001 - Middle Childhood Generalist Endorsement Practicum (1)

Observation and supervised classroom experience in a 4th/5th/6th grade classroom for a total of 50 hours.

MCE 4011 - Middle Childhood Teaching Methods in the Content Areas - Endorsement (1)

Any candidate seeking the Generalist Endorsement will fulfill a seven hour contact requirement with each of the two endorsement content area methods specialists.

MCE 4012 - Methods in Content Areas (2)

A study of middle level teaching methods with emphasis on integrating curriculum, collaborative instruction (including the use of technology as an instruction aid), and group learning. Special emphasis is given to developmental and learning theories. Candidates plan instructional strategies, design instructional objectives, develop instructional materials, and develop methods of assessment during the planning of content specific teaching units in each of their two specific areas of concentrations. Candidates will also work with content area mentors (one for each area of concentration) for a total of 13 hours during this course.

Corequisite: MCE-4081.

MCE 4032 - Middle Level Science: Curriculum, Instruction, and Assessment (2)

A study of middle level science methods with emphasis on integrating curriculum, collaborative instruction (including the use of technology as an instructional aid) and group learning. Special emphasis is given to developmental and learning theories. Students plan instructional strategies, design instructional objectives, develop instructional materials and develop methods of assessment.

Corequisite: MCE-4081.

MCE 4042 - Middle Level Lang. Arts: Curriculum, Instruction, and Assessment (2)

A study of middle level language arts methods class with an emphasis upon integration of curriculum. It incorporates the developmental and integrated approach to the teaching of language arts (listening, speaking, writing, reading, visual literacy and visual representation). Special emphasis is

given to recent trends in curriculum, instruction and assessment, including diagnosis and remediation.

Corequisite: MCE-4081.

MCE 4052 - Middle Level Mathematics: Curriculum, Instruction, and Assessment (2)

A middle level mathematics methods class with an emphasis on integration of curriculum, collaborative instruction, group learning, and various methods of instruction (including the use of technology) and assessment.

Corequisite: MCE-4081.

MCE 4062 - Middle Level Social Studies: Curriculum, Instruction, and Assessment (2)

A middle level social studies methods class with an emphasis upon integration of curriculum, collaborative instruction, assessment and group learning. Students will: learn to plan varied instructional strategies (including the use of technology), design instructional objectives, develop instructional materials and develop methods of assessment.

Corequisite: MCE-4081.

MCE 4081 - Middle Childhood Methods Laboratory (1)

A field-based experience for observing and teaching in a middle childhood classroom (grades 4-9). Field hours emphasize the teaching of science, social studies, mathematics, reading, and language arts. Special emphasis is given to modifying curriculum and instruction to meet the needs of all learners.

Corequisite: Methods courses in the professional development semester.

MIN - Ministry

MIN 2000 - Ministry Seminar II (0.5)

The second course in a sequence of four, this seminar focuses on God's call, giftedness, abilities and preparation for ministry. It includes self-analysis of various tests and inventories as well as a mentoring session with School faculty members. This course is graded on a satisfactory/unsatisfactory basis.

MIN 2002 - Worship Arts and Design (2)

A multi-dimensional survey of the principles of aesthetics and the arts in worship. Particular emphasis will be given to the historical background and practical expression in worship of the performing arts, drama, visual arts,

architecture, proxemics, sound design, liturgical dance forms, and graphic design. Students will develop knowledge and ability to discern artistic expression that engages worship.

MIN 2012 - Transformational Ministry (2)

This course emphasizes that work of the church is carried out by the people of God through works of mercy in response to the compassionate grace of God to bring about personal and social transformation. Ethnographic methods will be engaged as well as theologians, biblical scholars, and ministry practitioners in order to develop a personal ministry vision for living out the Christian witness of transformation.

MIN 2013 - Spiritual Formation and Discipleship (3)

An exploration of spiritual formation and the process of making disciples. A central component of the course will be a study of the classic Christian disciplines and their role in forming a holy character. Beyond personal and individual formation, the course will consider what it means to disciple others and build a disciple-making community that is both biblically founded and contextualized.

MIN 2022 - History and Polity of the Church of the Nazarene (2)

A historical study of the Church of the Nazarene. Special emphasis is given to research from primary sources and the polity of the Church of the Nazarene.

MIN 3000 - Ministry Seminar III (0.5)

The third course in the sequence of four, this seminar consists primarily of a spiritual formation retreat with assignments and follow-up sessions. This course is graded on a satisfactory/unsatisfactory basis.

MIN 3003 - Media and Technology for Ministry (3)

An introduction to current technology and tools used in a variety of media in the context of Christian ministry. Students will be exposed to the basics of lighting, sound, videography, worship software, desktop publishing, graphic editing and social media within the context of theological reflection needed in a ministry setting.

MIN 3012 - Ministry in Diverse Contexts (2)

This course is an introduction of diversity in national societies and the world at large. Special emphasis is given to interpreting, appreciating, and dealing with diversity with acceptance and trust. Furthermore, the course will expand students' knowledge of racial and ethnic diversity.

MIN 3023 - Educational and Family Ministries (3)

This course is an overview of the biblical and theological bases for educational and family ministry. Emphasis will be given to the place of the Christian Story throughout the lifespan toward integrating learning theories and teaching practices within the local church context.

MIN 3033 - Mission and Evangelism (3)

This course is an overview of the biblical and theological bases for mission and evangelism. Topics include the biblical mandate, theological framework, and practical outworking of the *missio Dei* as well as anthropological and ethnic factors in the expansion of the mission church in the postmodern context.

MIN 3043 - Preaching and Worship (3)

A study of pastoral work as expressed through public worship. The work of preaching will be central to this course, with a focus on the development of biblical sermons and an understanding of multiple sermon forms. Additionally, the course will explore the broader topic of worship in the Christian tradition, giving attention to the meaning and history of worship, as well as the practical aspects of planning and implementing the worship service.

MIN 3053 - Pastoral Care of Youth and Children (3)

An introduction to the pastoral care of youth and families, including psychological, cultural, and social considerations related to nurturing personal and spiritual growth. Special emphasis is given to researching issues and problems common to youth and their families, and developing a philosophy and practice of relational ministry and pastoral counseling that is biblical, relevant, and practical.

MIN 3089 - Supervised Ministry Practicum

An in-depth experience in service and ministry settings supervised by faculty and qualified professionals. A minimum requirement is one semester of two credit hours. This course may be repeated.

MIN 4000 - Ministry Seminar IV (0.5)

The fourth course in the sequence of four, this seminar focuses on professional issues and the transition from educational preparation into the practice of ministry. It may also include final elements of student assessment and senior testing. This course is graded on a satisfactory/unsatisfactory basis.

MIN 4013 - Missional Church Leadership (3)

This course focuses on an understanding of the nature and mission of the church, developing strategies for church

renewal, building missional communities, and equipping laity for effective ministry with an emphasis on leadership in the ministry setting.

Prerequisite: Senior standing.

MIN 4033 - The Missional Church (3)

A capstone, integrative course for Christian Education Departmental majors focusing on an understanding of the nature and mission of the church, developing strategies for church renewal, building a missional community, and equipping laity for effective ministry. A summative evaluation experience in a local church setting is included.

Prerequisite: Senior standing. Open to non-majors interested in developing their approach to ministry as a layperson.

MIN 4053 - Pastoral Theology and Practice (3)

A study of pastoral theology and its specific expression through pastoral care and leadership. The course will address the core values shaping the pastoral task and explore how these values shape the work of the pastor as a shepherd leader. Attention will be given to the specific pastoral duties encompassed within the role of shepherd leader.

MIN 4063 - Preaching in the Contemporary Context (3)

This course provides opportunity to further explore and practice a variety of sermon forms. It will give special consideration to contextual issues and how the current context shapes our preaching. Additionally, attention will be given to particular challenges the preacher faces, such as preaching on difficult or controversial subjects and preaching in times of crisis.

MIN 4083 - Ethical Ministry and Leadership (3)

A consideration of the ethical and moral challenges facing ministers in the 21st century context. The course will cover both our personal ethics and conduct as leaders, as well as helping others navigate contemporary ethical issues. Recognizing the critical role the minister plays in the ethical and moral life of the faith community, the course will provide the student a framework for maintaining a personal code of ethics while also providing counsel to others in their own ethical and moral discernment, both individually and corporately.

MIN 5019 - Independent Study in Ministry (1-4)

MIN 5029 - Senior Ministry Internship (1-6)

An experience in service and ministry settings supervised by faculty and qualified professionals.

MLA - Modern Languages

MLA 1019G - Modern Language Studies (1-4)

An introductory study of the culture, language, grammar and vocabulary of the target language by means of reading, writing, speaking, listening, and authentic language experiences. Course may be repeated for a total of eight (8) credits.

MMA - Music Methods & Applications

MMA 2001 - Introduction to Music Technology (1)

An introduction to major technologies used in the profession of music. The course can be repeated once for a total of 2 cumulative credit hours.

aMMA 2032 - Marching Band Methods I (2)

An introduction to the organization and instruction of marching bands in the schools. Topics include uniforms, street-track-field marching, auxiliary units, charting techniques, music selection and computerized charting techniques.

aMMA 2042 - Marching Band Methods II (2)

A study of advanced charting techniques and applications for marching band. Special emphasis is given to writing and revising shows in the computer laboratory and observing marching bands. The course may be repeated.

Prerequisite: aMMA-2032.

aMMA 2052 - Instrumental Methods: Percussion (2)

A study of basic concepts of instrument care and use, acoustical principles of tone production, playing techniques and instructional skills.

MMA 2062 - Instrumental Methods: Woodwinds (2)

A study of basic concepts of instrument care and use, acoustical principles of tone production, playing techniques and instructional skills.

MMA 2072 - Introduction to Conducting (2)

An introduction to basic conducting pattern and techniques applicable to choral and instrumental ensembles including an introduction to instrument transposition.

aMMA 2082 - Diction for Singers (2)

A study preparing vocalists to sing in the common singing languages of Italian, German, and French.

aMMA 2093 - Introduction to Music and Worship (3)

A study of the philosophies guiding music and worship in a local church setting, leading to practical applications. Study is made of the role of music in worship, the use of hymns and contemporary worship music in services, choral and special music, instrumental music and children's and youth music. Service planning and implementation is a major part of the course.

aMMA 3002 - Introduction to Worship Band (2)

This course familiarizes students with the common instrumentation, functions and roles of a worship band, including leadership, as it operates in a worship service. Minimum competencies and understandings of guitar, bass, drums, keyboard and vocals will be expected.

Prerequisite: MTH-1023G, MTH-1033, and APM-1011.

aMMA 3062 - Instrumental Methods: Brass (2)

A study of basic concepts of brass instrument care and use, acoustical principles of tone production, playing techniques and instructional skills.

aMMA 3063 - Music in Childhood: Preschool Through Elementary Years (3)

A study of current materials and practices in teaching preschool through elementary school music. Special emphasis is given to preparing music specialists for the multi-age license in music.

aMMA 3072 - Instrumental Methods: Strings (2)

A study of basic concepts of stringed instrument care and use, acoustical principles of tone production, playing techniques and instructional skills.

aMMA 3082 - Applied Music Literature (2)

A survey of literature available for an instrument, family of instruments or voice. Special emphasis is given to application of literature to instructional approaches. (Offered on demand)

aMMA 3093 - History of Song and Worship (3)

A survey of the history of song in worship from ancient times to the present. This course includes a brief overview of ancient musical forms and their development, a discussion of the emergence of the chorale and hymn with an emphasis on 19th and 20th century hymnody, concluding with an analysis of modern worship music trends. The social and religious influences that shape worship music will be highlighted.

aMMA 4002 - Content Area Teaching Methods in Music (2)

An experience-based study of the methods, materials, philosophies, and content areas of general music, choral music, instrumental music, music history, and music theory at the secondary level.

Prerequisite: Admission to the Teacher Education Program and instructor permission. Corequisite: EDU-4001.

aMMA 4012 - Advanced Choral Conducting (2)

Study of advanced conducting techniques, problems, situations, and literature unique to choral ensembles.

Prerequisite: MMA-2072.

aMMA 4022 - Advanced Instrumental Conducting (2)

A study of theory and practice in instrumental conducting. Special emphasis is given to a survey of instrumental materials and literature.

Prerequisite: MMA-2072.

aMMA 4042 - Applied Music Pedagogy (2)

A survey of comparative pedagogical approaches and methods used in training of voices or instruments. Special emphasis is given to the student's applied area.

MSS - Music Special Studies

MSS 5019 - Independent Study in Music (1-4)

MSS 5029 - Music Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

MSS 5091 - Music Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

MTH - Music Theory & History

MTH 1002G - Music in the Western World (2)

A comprehensive survey of musical trends and developments in the western world and a guide to

appreciating these trends. This course is offered in traditional and non-traditional formats.

MTH 1023G - Basic Structures of Music Theory I (3)

Basic music vocabulary including intervals, keys, scales, chord structures, cadences, concepts of harmonic progression, chord functions, elements of musical form, and elementary part writing.

Corequisite: MTH-1041.

MTH 1033 - Basic Structures of Music Theory II (3)

A study of the principles of voice leading, figured bass, chord structures, diatonic seventh chords, non-chord tones, harmonic progression, cadences, phrases and periods, elements of musical form, and part writing.

Prerequisite: MTH-1023G.

MTH 1041 - Sight Singing/Ear Training I (1)

A study to develop skills of sight reading melodies, notating music dictation, and listening to music.

Corequisite: MTH-1023G.

MTH 1051 - Sight Singing/Ear Training II (1)

A study of sight singing techniques with emphasis on chromatic melodies and complex rhythmic patterns, four-part harmonic dictation, seventh chords and diatonic triads in their inversion, modulation, and chromatic alterations.

Prerequisite: MTH-1041. Corequisite: MTH-1033.

MTH 2033 - Basic Structures of Music Theory III (3)

More advanced study of tonal and chromatic harmony and voice leading. Tonal counterpoint, figured bass, chorale harmonization. Formal and compositional idioms of the late Baroque, Classical, and Romantic periods.

Prerequisite: MTH-1033.

MTH 2041 - Sight Singing/Ear Training III (1)

A continuation of Sight Singing and Ear Training II with emphasis on sight reading and melodic and harmonic dictation based on chromaticism in music of the common practice period, and rhythmic reading and dictation with simple, compound, quintuple and asymmetric meters. (This course prepares music education students for components of the Praxis II and Praxis III examinations)

Prerequisite: MTH-1051. Corequisite: MTH-2033.

MTH 2043 - Basic Structures of Music Theory IV (3)

Further advanced study of voice leading, expanded tonal and chromatic harmony of the late nineteenth century and forms and compositional idioms of the Classical and Romantic periods. Introductory study of compositional procedures of the twentieth century.

Prerequisite: MTH-2033.

MTH 3033 - Applied Music Theory for Contemporary Worship (3)

Practical applications of the theoretical knowledge gained in Music Theory I and II specifically for the field of contemporary worship music.

Prerequisite: MTH-1023G and MTH-1033; MMA-2001 is recommended.

MTH 3043 - Music History I (3)

A study of the history of music of the western world from classical antiquity through mid-eighteenth century Baroque

Prerequisite: MTH-1002G, MTH-1033, and either ENG-1083G or ENG-1084G; MTH-2033 and MTH-2043 are recommended.

MTH 3053 - Music History II (3)

A study of the history of music from mid-eighteenth century Classical to the present

Prerequisite: MTH-1002G, MTH-1033, and either ENG-1083G or ENG-1084G; MTH-2043 and MTH-3043 are recommended.

aMTH 4033 - Choral Arranging/Orchestration (3)

A study and practice in arranging for choral groups, instrumental ensembles, and orchestra. Special emphasis is given to score study, transposition, and clef usage

Prerequisite: MTH-2043.

NUR - Nursing**NUR 2024 - Foundations of Clinical Nursing Practice (4)**

Introduces concepts for clinical practice. The processes used to make clinical judgments for safe client care are explored. Included is an introduction to clinical terminology, documentation for the clinical setting, dosage calculation, and incorporation of professional nursing behaviors.

Corequisite: NUR-2000 and NUR-2010.

NUR 2035G - Fundamentals of Medical-Surgical Nursing (5)

Therapeutic nursing skills essential in health promotion, health maintenance, and health restoration of aging adults are the focus of this course. Special emphasis is given to a variety of psychomotor and communication skills. An introduction to genetic and bio-ethical concerns influencing the health of the older adult is included.

Corequisite: NUR-2020 and NUR-2030.

NUR 2043 - Pathopharmacology I (3)

The purpose of this course is to introduce pathophysiologic and pharmacologic principles. Students will integrate concepts from chemistry, biology, anatomy, and physiology to understand selected disease processes and pharmacologic therapies. Genetic, cultural, and developmental factors are included with a focus on maintaining safety through patient-centered care.

NUR 3016 - Adult Medical-Surgical Nursing (6)

An emphasis on the delivery of comfort care to adult clients experiencing acute alterations in health. Special emphasis is given to assessing client needs, planning appropriate interventions based on evidence, implementing interventions to accepted standards of nursing care and evaluating effectiveness of care through an evidence-based nursing framework.

Prerequisite: HSC-1013G. Corequisite: NUR-3000 and NUR-3010.

NUR 3033 - Health Assessment (3)

A holistic approach to health assessment. Frameworks for physical, psychological, spiritual and cultural assessments of clients across the lifespan are included.

Prerequisite: BIO-2034 (or transfer equivalent). Corequisite: Take NUR-3020.

NUR 3043 - Pathopharmacology II (3)

The purpose of this course is to develop knowledge of pathophysiology and pharmacology. Building on concepts from previous coursework, students will apply principles of diseases processes and pharmacological therapies. Emphasis will be placed on maintaining safe and effective care.

Prerequisite: NUR-2042.

NUR 3074 - Nursing Care of Children & Families (4)

A study of evidence-based nursing care of children and their families. Special emphasis is given to delivering

comfort care within a holistic framework, including cultural values of the family. Basic concepts of health promotion and health maintenance are applied to the care of pediatric clients and their families.

Prerequisite: PSY-2013. Corequisite: NUR-3060 and NUR-3070.

NUR 3094 - Maternity and Women's Health Nursing (4)

A study of the care of the childbearing family throughout the maternity cycle. Special emphasis is given to health promotion, health maintenance, health restoration and cultural values as they relate to women's health issues. Health needs specific to elderly women are included.

Corequisite: NUR-3080 and NUR-3090.

NUR 4014 - Nursing Concepts in Population Health (4)

A study of the principles of health promotion within a framework of epidemiology. Primary, secondary and tertiary care based on the healthy people's identified target areas is emphasized. The role of the nurse in advocating for healthy communities is included. Community resources for older adults are emphasized.

Corequisite: NUR-4000 and NUR-4010.

NUR 4034 - Mental Health Nursing (4)

A study of the principles of health promotion within a framework of epidemiology. Primary, secondary and tertiary care based on the healthy people's identified target areas is emphasized. The role of the nurse in advocating for healthy communities is included. Community resources for older adults are emphasized.

Prerequisite: PSY-3063. Corequisite: NUR-4030 and NUR-4040.

NUR 4041 - Nursing Seminar (1)

The purpose of this course is to synthesize pharmacologic, pathophysiologic, and medical-surgical concepts to develop and prioritize nursing care. Students integrate knowledge in preparation for the transition to independent nursing practice.

NUR 4053 - Nursing Theory & Research (3)

An exploration of nursing knowledge development through the use of grad, mid-range, and practice level theory; empirical testing; and personal, ethical, and aesthetic knowledge. The role of the baccalaureate-prepared nurse in research and knowledge development is explored.

Prerequisite: MAT-2063.

NUR 4096 - Advanced Medical-Surgical Nursing (6)

Integration of knowledge from liberal arts, natural sciences, social sciences, and nursing science to study complex medical and surgical problems of adults. Students manage groups of clients in a variety of health care settings.

Corequisite: NUR-4100.

NUR 4113 - Leadership and Management Issues in Nursing Practice (3)

Capstone experience emphasizes essential management and leadership skills of baccalaureate prepared nurses. Theories of planned change are explored. Students engage in clinical experiences designed for application of principles learned in the classroom. Students actively participate in final preparation for the National Council Licensure Exam (NCLEX) and entry into the profession of nursing.

Corequisite: NUR-4110. Crosslisted as: HSC-4113.

NUR 4133 - Transition to Professional Nursing (3)

A capstone course focused on the successful transition from student to graduate nurse. Key concepts related to the role of a professional nurse are examined. Final preparation for the NCLEX-RN will be completed.

Prerequisite: Successful completion of all Level I and Level II Nursing courses. This course must be taken in the final semester of the program. Corequisite: NUR-4130.

NUR 5019 - Independent Study in Nursing (1-4)

NUR 5029 - Nursing Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

NUR 5091 - Nursing Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit. Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

PED - Physical Education

PED 1002G - Principles of Health & Fitness (2)

A study of basic knowledge and values of physical activity as it relates to optimal healthful living. Special emphasis is given to fitness activities, nutrition and wellness.

PED 1022 - First Aid and Cardio-Pulmonary Resuscitation (CPR) (2)

A basic course in first aid and cardio-pulmonary resuscitation.

PED 1071G - Basic Self-Defense (1)

A beginning level self-defense course. The course is repeatable for up to four (4) credits and is graded on a satisfactory/unsatisfactory basis.

PED 1093 - Foundations of Physical Education (3)

An introductory study of the foundations of physical education, its historical background, the role of play, its educational objectives and the evolution of athletics. Special emphasis is given to exploring the field of physical education as it relates to preparation for potential careers in physical education, sports management and exercise studies.

PED 2003 - Introduction to Human Anatomy and Physiology (3)

A study of the structure and function of the human body with special emphasis on the skeletal, muscular, nervous and cardiovascular systems as applied to sports. A laboratory emphasizes anatomy.

PED 2011G - Sports Skill: Baseball (1)

Participation in intercollegiate baseball. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2021G - Sports Skill: Basketball (1)

Participation in intercollegiate basketball. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2023 - Athletic Training (3)

A study in the recognition, immediate care and prevention of athletic injuries. Special emphasis is given to taping and wrapping techniques.

Prerequisite: PED-2003 or BIO-2034.

PED 2029 - Sports Information Practicum (1-2)

A study of the field of sports information and the role of a sports information director. Special emphasis is given to news writing, office management, statistics, programs, publicity, preparing brochures/media guides, and game

management. Practical experience is included. The course is repeatable up to a maximum of six (6) hours.

PED 2031G - Sports Skill: Cross Country (1)

Participation in intercollegiate cross country. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2039 - Athletic Training Practicum (1-2)

Students must provide documentation that the HEP B immunization series has been started before the start of this class. Course is repeatable up to six (6) credit hours.

Prerequisite: PED-1022.

PED 2041G - Sports Skill: Golf (1)

Participation in intercollegiate golf. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2049 - Sports Management Practicum (1-2)

A study and practical experience in the field of Sports Management. Special emphasis will be given to facility and event management and planning, marketing of athletics events, and special promotions within athletics. This course is repeatable up to a maximum of six (6) credit hours.

PED 2051G - Sports Skill: Soccer (1)

Participation in intercollegiate soccer. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2061G - Sports Skill: Track and Field (1)

Participation in intercollegiate track and field. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2071G - Advanced Bicycling (1)

An intermediate level activity course. This course is graded on a satisfactory/unsatisfactory basis.

PED 2081G - Sports Skill: Volleyball (1)

Participation in intercollegiate volleyball. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2091G - Sports Skill: Softball (1)

Participation in intercollegiate softball. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2101G - Sports Skill: Tennis (1)

Participation in intercollegiate tennis. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2111G - Sports Skill: Cheerleading (1)

Participation in intercollegiate cheerleading. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2121G - Sports Skill: Bowling (1)

Participation in intercollegiate bowling. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2131G - Sports Skill: Lacrosse (1)

Participation in intercollegiate lacrosse. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2141G - Sports Skill: Esports (1)

Participation in intercollegiate Esports. Credit must be applied during the fall or spring semester of participation. A maximum of one (1) credit can be earned. This course is graded on a satisfactory/unsatisfactory basis.

PED 2171G - Adv. Bicycling - International (1)

An intermediate level activity course with a travel component. This course is graded on a satisfactory/unsatisfactory basis.

Prerequisite: PED-2071G.

aPED 3003 - Sports Psychology (3)

A study of the basic concepts of sports psychology (personality, anxiety, anxiety management, motivation, cohesion, etc.) and how they affect individual and team performance.

PED 3033G - Personal Health (3)

A study of recognizing wellness and preventing illness. Special emphasis is given to concepts of nutrition, medical care, health products and services, common diseases, and environmental factors.

PED 3043 - Community Health (3)

A study of issues, trends and concepts related to public health, health facilities, and community support. This course is offered in traditional and non-traditional formats.

PED 3053 - Individual and Team Sports (3)

A study of skills, rules, terminology, history, evaluation and pedagogy. Special emphasis is given to basketball, bowling, golf, soccer, tennis, and volleyball.

Prerequisite: PED-1093.

PED 3063 - Administration of Athletics, Physical Education, and School Health Programs (3)

A study of administrative operations of public school physical education instructional and health education programs. Special emphasis is given to inter-school athletics, school recreation, fiscal management, legal issues, public relations, and program evaluation.

PED 3093 - National Council on Strength and Fitness Personal Training Course (3)

An in-depth study of the human body as it relates to human performance, strength, and weight management. Special emphasis is given to the process of assessing, programming, and training individuals for a complete lifestyle in physical fitness. Upon successful completion, the student will be prepared to sit for the certification exam to become a Certified Personal Trainer (CPT) with the National Council on Strength and Fitness (NCSF).

Prerequisite: PED-2003 or BIO-2034.

PED 3124 - Pedagogy in Health and Physical Education (3)

An exploration of foundational teaching practices for multi-age students in health and physical education. Candidates will examine the history, rules, and skills of selected individual and team sports in order to create developmentally appropriate learning experiences for P-12 students. Special emphasis is given to developing appropriate activities and experiences for students with disabilities, including techniques for modifying rules, equipment, and settings to accommodate all students.

PED 4003 - Kinesiology (3)

A study of the anatomical, physiological and mechanical principles applicable to human motion. Special emphasis is given to kinesiological analysis of skill performance. This course is offered in traditional and non-traditional formats.

PED 4013 - Physiology of Exercise (3)

A study of types of muscular activity and their effects upon the body systems. Special emphasis is given to factors that affect performance including training, endurance, and fatigue.

aPED 4023 - Content Area Teaching Methods in Physical Education and Health (3)

An experience-based study of the different characteristics of physical education and health issues related to curriculum and to designing, developing, and executing instruction within the preschool through twelfth grade curriculum.

Prerequisite: Admission to the Teacher Education Program.

aPED 4073 - Advanced Exercise Studies (3)

An in-depth analysis of issues in exercise science, physiology of exercise, and fitness testing. Special emphasis is given to writing and presenting a major research project.

PED 4083 - Educational and Fitness Assessment (3)

An examination of tests and assessment techniques used in Health and Physical Education, as well as Fitness related fields. Special emphasis is given to hands-on experience in administering and analyzing tests, as well as properties of ideal measurement, criteria for selecting tests, and concepts of evaluation and assessment.

PED 5019 - Independent Study in Physical Education (1-4)

Prerequisite: Departmental application and approval.

PED 5029 - Physical Education Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

PED 5091 - Physical Education Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

PHI - Philosophy**PHI 2013G - Love, Justice, and the Good Life (3)**

This course examines how the nature of love, justice, and the good life are grounded in the most fundamental nature of persons and ultimately God. Utilizing the philosophical lenses of interpretation, critical reason, conceptual clarification, debate, and ethical analysis, the course will enable students to consider and critique competing conceptions of love, justice and the good life as they arise within particular ethical issues.

PHI 2023 - Classical and Christian Philosophy (3)

An exploration of the enduring philosophical issues, concepts, arguments, and perspectives of ancient and medieval philosophers.

Prerequisite: PHI-2013G.

aPHI 2063G - World Religions (3)

A comparative study of major world religions, including Hinduism, Buddhism, Taoism, Islam, Judaism, and Christianity. Special emphasis is given to evaluating the truth claims of each.

Prerequisite: PHI-2013G.

PHI 2073G - Chinese & Islamic Philosophy (3)

A comparative examination and evaluation of the key philosophical issues and ideas of Chinese and Islamic philosophy, including their philosophies of politics, religion, language, ethics, metaphysics and epistemology.

Prerequisite: PHI-2013G.

PHI 3023 - Introduction to Logic (3)

A study of correct and incorrect reasoning. Special emphasis is given to methods of stating and evaluating arguments, formal and informal fallacies, and the nature of definition.

Prerequisite: PHI-2013.

PHI 3033 - Social Justice (3)

An examination of the philosophical foundations and applications of social justice in the contemporary world. Clarifies and evaluates the political and social understanding of justice as found in various principles of fairness, entitlement, equality, merit, desert and inclusion.

Prerequisite: PHI-2013G.

PHI 3053 - Modern & Contemporary Philosophy (3)

An examination of the central philosophers and philosophical ideas in the modern and contemporary world. It seeks to identify, analyze, and engage the important philosophical issues and arguments that produce and express modern and contemporary philosophy. Moreover it attempts to evaluate these ideas, arguments as found the epistemology metaphysics, ethics, and political/social/legal philosophy as embedded such practices as science, law, politics, theology, morality and art.

Prerequisite: PHI-2013G.

PHI 3089 - Special Topics in Philosophy (1-3)

Small group discussions of readings in current research literature. Topics vary from year to year; the course may be repeated.

PHI 3093 - Philosophy of Religion (3)

A philosophical exploration of the Christian faith and the defense of Christian truth. Special emphasis is given to philosophy of religion and the major arguments about the incarnation of Jesus, miracles, the resurrection of Jesus, the atonement, the doctrine of hell, and the appropriate Christian philosophical response.

Prerequisite: PHI-2013G.

PHI 4001 - Philosophical Research and Writing (1)

A capstone tutorial for designing, researching and writing a philosophy paper on a topic that integrates the student's course of study and personal interests.

Prerequisite: Senior philosophy major.

PHI 4013 - Aesthetics and Post-Modern Art (3)

An introductory study of the philosophy of art and the issues of post-modern art through analysis of selected writings.

Prerequisite: Junior standing.

PHI 5019 - Independent Study in Philosophy (1-4)

PHI 5029 - Philosophy Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

PHI 5091 - Philosophy Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated

by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

PHY - Physics

PHY 2014G - General Physics I with Laboratory (4)

A study of classical mechanics. Topics include forces, motion, work, energy, momentum, harmonic motion and fluid dynamics. A laboratory is included.

Prerequisite: Algebra proficiency (demonstrated by a grade of C- or better in MAT-0093, or an ACT mathematics score of 19 or higher, or an SAT mathematics score of 530 or higher), and a trigonometry proficiency (demonstrated by a grade of C- or better in MAT-1013 or a passing score on the Trigonometry Proficiency Test administered by the University). Corequisite: PHY-2010.

PHY 2024 - General Physics II with Laboratory (4)

A study of thermodynamics, electricity, magnetism, and optics. A laboratory is included.

Prerequisite: PHY-2014G, algebra proficiency (demonstrated by a grade of C- or better in MAT-0093, or an ACT mathematics score of 19 or higher, or an SAT mathematics score of 530 or higher), and a trigonometry proficiency (demonstrated by a grade of C- or better in MAT-1013 or a passing score on the Trigonometry Proficiency Test administered by the University). Corequisite: PHY-2020.

aPHY 2054 - Electronics with Laboratory (4)

An introduction to direct current, alternating current and digital circuit theory, electronic measurements, components, circuitry and applications. Ohm's Law, Kirchoff's Laws, Thevenin and Norton equivalents are described. A laboratory is included.

Prerequisite: Algebra proficiency (demonstrated by a grade of C- or better in MAT-0093, or an ACT mathematics score of 19 or higher, or an SAT mathematics score of 530 or higher).

PHY 2055G - University Physics I with Laboratory (5)

A calculus based course for physical scientists and engineers. Topics include forces, motion, work, energy, momentum, harmonic motion, and fluid dynamics. A laboratory is included.

Prerequisite: MAT-1034G. Corequisite: PHY-2050.

PHY 2065 - University Physics II with Laboratory (5)

A continuation of PHY2055. Topics include thermodynamics, electricity, magnetism, and optics. A laboratory is included.

Prerequisite: PHY-2055G and MAT-1034G. Corequisite: PHY-2060.

aPHY 3014 - Introduction to Modern Physics with Laboratory (4)

An introduction to special relativity, atomic structure and nuclear structure/reactivity.

Prerequisite: MAT-1034G and PHY-2024. Corequisite: PHY-3010.

PHY 4002 - Content Area Teaching Methods in Physical Science (2)

An experience-based study of the methods and tools used in teaching chemistry and physics in secondary schools. Students develop and teach a variety of units, including a lecture-demonstration and a laboratory experiment, and assist with a science fair.

Prerequisite: Admission to the Teacher Education Program. Corequisite: EDU-4001.

PHY 5019 - Independent Study in Physics (1-4)**PMI - Pastoral Ministries****PMI 1013 - Introduction to Chaplaincy (3)**

An introduction to the ministry of chaplaincy, either as a career path in full-time chaplain role, or in addition to other forms of ministry. Students will consider a theological basis for chaplaincy and learn the history of chaplaincy in the United States of America. The course will introduce students to the many places that chaplains serve and how one can meet the requirements for becoming a chaplain. Students will observe chaplains at ministry sites, interview a chaplain, and discuss cases brought to class by visiting chaplains. Denominational endorsement for chaplaincy service requires theological education and experience commensurate for the ministry context.

PMI 3023 - Urban Ministry and Evangelism (3)

An introduction to ministry in the urban context. Special emphasis is given to demographical, historical, and sociological perspectives on the city as they inform discussions about diversity, ethnicity, poverty, politics and power.

PMI 3033 - Worship in the Christian Tradition (3)

A foundation course on the knowledge and skills necessary for worship leadership.

Prerequisite: COM-1023G; and either BIB-1014G or both BIB-1003G and BIB-1013G; .

PMI 3043 - Homiletics (3)

A study of the purposes of the sermon, the principles of sermon construction, and contemporary styles and methods of preaching.

Prerequisite: Take either BIB-1014G or both BIB-1003G and BIB-1013G: Also take 1 of COM1013G, COM1023G, COM1053G, COM2003G, COM2053G, or aCOM3043G.

PMI 4003 - Pastoral Leadership and Administration (3)

A study of the theory and practice of pastoral ministry and church policy.

PMI 4023 - Pastoral Care and Counseling (3)

A study of the practical considerations of the minister as pastor and shepherd of the local church. Special emphasis is given to practical experience.

PMI 5019 - Independent Study in Pastoral Ministry (1-4)**POL - Political Science****POL 1003G - American Politics & Government (3)**

This course goes beyond a more traditional focus on the history of structures of American government to examine issues of political behavior and decision-making among citizens and officeholders. Students learn about a wide range of topics relevant to American politics and government including, but not limited to, political institutions, the news media, voting, political parties, and campaigns and elections. Analysis of these and other topics is primarily informed by the social sciences, placing particular emphasis on students' comprehension and application of political science research methods.

POL 1013G - Comparative Politics & Government (3)

Comparative politics is a subfield within the systematic study of politics. It is primarily concerned with the examination of the domestic politics of countries and people. It uses multiple theoretical tools to analyze countries so that comparative insights and knowledge can be uncovered. Some of these tools include evaluating an individual country's political economy, culture, institutional structures, regime type, and historical context.

POL 2073 - Political Thought (3)

An introduction to the seminal theorists and their contributions to politics and the understanding of human natures

POL 3003 - Political Campaigns and Elections (3)

An in-depth examination of the rules, strategies, and behaviors governing elections in the United States. In particular, this course explores the internal and external factors influencing the American voter's decision-making process when choosing whether and how to vote in an election. Ongoing political campaigns will play a major role in this course, as we use current events to better understand course content - and vice versa.

POL 3033 - Public Policy (3)

An introduction to public policy in the United States. An important part of the course will involve developing an understanding of how the policy process influences public policy. We will consider why some problems reach the public agenda, why some solutions are adopted and others rejected, and why some policies appear to succeed while others appear to fail. Primary focus is on policymaking at the national level, with some attention to state and local level as well.

POL 3043 - Constitutional Law (3)

This course provides comprehensive analysis of the American Constitution and the institution most responsible for its interpretation: the U.S. Supreme Court. Major topics include constitutional history and content, Supreme Court personnel and policies, and landmark cases in constitutional law from early American history to the present day.

POL 3053 - The U.S. Presidency (3)

In this course we will investigate the presidency as an institution, and thus, our focus will be on how the presidency has evolved and consider the role and influence of the president in the contemporary politics of the United States. Specifically we will consider the historical origins of the presidency and powers conferred by the U.S. Constitution. Next, we will consider the process of nominating and electing the president and how the president presents and behaves in the public sphere once elected. We will investigate how the presidency is organized and what the implications are for the management of the federal government. Finally, we will consider the role of the president in shaping domestic, economic and foreign policy.

POL 3079 - Special Topics in Political Science (3)

Small group discussion of readings in current research literature in Political Science. Topics vary from year to year; the course may be repeated.

POL 3103 - War and Peace (3)

This course deals with different concepts of war and peace in comparative and historical perspectives. During the first half of the semester, we will discuss the concept of war as found in different strategies of war. In the second half, we will devote our attention to different conceptions of peace and strategies of peace.

aPOL 3113 - International Relations (3)

This is an upper-division study of crucial issues involving the structure, actors, and systems within the discipline of international relations, with special emphasis upon basic principles, diplomacy and a study of Christian perspectives on violence, warfare and peacekeeping.

POL 3133 - Protest and Revolution (3)

This class explores the interaction between dissidents and the state. It focuses on the process and strategy of conflict between these two parties and among rebel groups. Emphasis is placed on the collective active problem of mobilizing rebels, repression of rebels by the state (and its effect on rebellion), changing tactics to elude harm, and terrorism (as an adaptive strategy in achieving political goals). This class will evaluate theoretical approaches to protest and revolution and will investigate a number of historical and contemporary cases of protest and revolution.

POL 3143 - History, Politics, and Culture of South Asia (3)

This course explores the history, politics, and culture of South Asian countries including India, Pakistan, and Afghanistan post-World War II. Issues of economics, government, and security will be addressed as well as cultural artifacts such as religion, literature, art, and food.

POL 4003 - Seminar in Foreign Policy (3)

A topical examination of issues related to foreign policy; historical studies of major world powers in the twentieth century with a special emphasis on American foreign policy.

POL 5019 - Independent Study in History (1-4)

POL 5029 - Political Science Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

PSY - Psychology

PSY 1013G - General Psychology (3)

An introductory course that explores psychology as a science of human behavior and mental processes in biological and social contexts, with an emphasis on promoting human wellness.

PSY 1041 - Professional and Career Issues in Psychology (1)

An overview of the profession of psychology and its specialty areas. Special emphasis is given to the educational requirements, career tasks, and professional ethics associated with specialty areas.

PSY 2012 - Introduction to Experimental Psychology Methods (2)

An experimental course in collection and analysis of data on topics such as sensation, perception, learning, memory, and social psychology, with heavy emphasis on learning to present data in written form both accurately and succinctly. Special emphasis is given to APA publication style.

Prerequisite: PSY-1013G.

PSY 2013 - Life Span Developmental Psychology (3)

A study of human development from conception to death. Special emphasis is given to cultural differences, developmental issues, theories, and their contemporary significance.

Prerequisite: PSY-1013G.

PSY 2044 - Theories of Learning (4)

An introduction to classical conditioning, instrumental learning, social learning, and behavior modification. Special attention is given to major theories and principles of animal and human learning.

Prerequisite: PSY-1013G.

PSY 2063 - Cognitive Psychology (3)

A study of how humans process information. Topics include the encoding, storage, and retrieval of information. Specific areas of discussion include memory systems, problem solving and decision-making.

Prerequisite: PSY-1013G.

aPSY 2083 - Group Behavior and Processes (3)

A study of small groups, their development, behavior and processes within the social environment. Topics include social structure, decision making, communication, morale,

leadership, interdependency, conflict resolution, goal establishment, and membership resources.

aPSY 3003 - Play Therapy (3)

This course provides an overview of the essential elements and principles of play therapy including history, theories, techniques, applications, and skills. An experiential component will focus on basic play therapy skill development that includes assessment, observation, and application of skills.

Prerequisite: PSY-1013G.

aPSY 3013G - Positive Psychology (3)

An introduction to the emerging scholarship emphasizing the study of human strengths, virtues, optimism, meaning, resiliency and well-being. Drawing on a rich literature in the field, the reflective and interactive nature of the course provides students with the opportunity to both critically examine and apply the theories and concepts of positive psychology to personal as well as institutional domains of life.

PSY 3033 - Psychological Assessment and Testing (3)

An introduction to concepts, theories, and methods regarding psychological assessment and testing. Emphasis is given to the hands-on exploration of a wide variety of instruments that psychologists use, including intellectual assessment, personality inventories, vocational interest instruments, and clinical scales.

Prerequisite: PSY-1013G; MAT-2063 is strongly recommended.

PSY 3043 - Psychology of Personality (3)

A study of major theories in personality with emphasis upon factors affecting personality development.

PSY 3053 - Social Psychology (3)

A study of the person as a social individual, with special emphasis given to how people conceptualize, influence, and relate to one another.

PSY 3063 - Abnormal Psychology (3)

A study of the major psychiatric and adjustment disorders. Special emphasis is given to Diagnostic and Statistical Manual of Mental Disorders (DSM-IV) classification systems and biomedical, psychoanalytic, and behavioral theories of causation and treatment.

Prerequisite: PSY-1013G.

PSY 3073 - Psychology of Childhood and Adolescence (3)

An in-depth study of childhood and adolescent development. Topics include developmental issues, theories, and biopsychosocial factors impacting these age groups. Special emphasis is given to applying this knowledge to specific disciplines interfacing with these populations.

Prerequisite: PSY-1013G.

PSY 3083G - Organizational Behavior (3)

A study of behavior in organizational settings as affected by individual, group and organizational processes. Special emphasis is given to learning, motivation, attitudes, stress, organizational culture, group processes, and decision making.

Crosslisted as: MAN-3083G.

aPSY 3093 - Psychology Health and Wellness (3)

A comprehensive and integrative study of the biological, psychological, and social aspects of health and wellness.

PSY 3103 - Chemical Dependence and Abuse (3)

A survey of drug and alcohol use, abuse, and their relationships to the criminal justice system and society. The use of alcohol, tobacco, caffeine, prescription drugs, and illicit drugs are explored, including explanations for misuse and dependence with emphasis on the economic and social costs to society. The role of the criminal justice system as an agent of social control in the containment of chemical dependence and abuse are also considered.

PSY 3123 - Psychology of Adulthood and Aging (3)

An in-depth study of adult development and the aging process. Topics include diversity, health, economic, psychosocial and developmental issues. Special emphasis is given to applying this knowledge to specific disciplines interfacing with adult and geriatric populations, and the application of qualitative research strategies via use of oral histories and semi-structured interviews.

Prerequisite: PSY-1013G.

PSY 3133 - Marriage and the Family (3)

A study of the factors affecting successful adjustments and happiness in marriage. Special emphasis is given to the impact of cultural and societal forces on the nature and structure of family life.

aPSY 4003 - Death and Dying (3)

This course examines the physical, social, and spiritual ramifications of death, including related topics of grieving for family and friends that remain. The use of theoretical approaches, examination of understandings and feelings about death, and integration of a Christian perspective of death and dying are emphasized. Special consideration is given to death throughout the developmental life cycle, including death of a child or adolescent as compared to the loss of an adult or elderly friend or family member.

Prerequisite: PSY-1013G and PSY-2013.

PSY 4014 - Experimental Research Methods (4)

An introduction to basic principles of research in the social sciences with emphasis on the experimental methods, including hypothesis formation, research ethics, research designs, and data evaluation. Special emphasis is given to the American Psychological Association (APA) style.

Prerequisite: PSY-1013G and MAT-2063G.

PSY 4023 - Behavioral Neuroscience (3)

A study of the physiology of the peripheral and central nervous systems. Particular emphasis is given to systems related to sensory perception, emotional regulation, learning and memory, and mental illnesses.

Prerequisite: PSY-1013G.

PSY 4033 - Principles of Counseling (3)

A study of various theories, techniques and factors in counseling. The course includes laboratory exercises in basic attending skills, critical observation, treatment planning, etc.

Prerequisite: PSY-1013G.

PSY 4073 - History and Systems of Psychology (3)

A study of the major systems of thought within psychology from historical and philosophical perspectives.

Prerequisite: At least 9 hours of Psychology courses including PSY-1013G.

PSY 4089 - Special Topics in Psychology (1-3)

Small group discussions of readings in current research literature. Topics vary from year to year; the course may be repeated.

Prerequisite: Instructor's permission and junior standing.

PSY 4091 - Psychology Capstone: Psychology and Faith (1)

A comprehensive reflection on the discipline of psychology, with particular emphasis on how students' faith and psychological perspectives intersect in the development of a Christian worldview.

Prerequisite: PSY-1013G and senior classification with a major in psychology.

PSY 5019 - Independent Study in Psychology (1-4)**PSY 5029 - Psychology Internship (1-6)**

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Departmental application and approval.

PSY 5091 - Psychology Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

RSS - Religion Special Studies**RSS 2089 - Special Topics in Religion (0-3)**

Small group discussions of readings in current research literature. Topics vary from year to year; the course may be repeated.

RSS 5019 - Independent Study in Religion (1-4)**RSS 5091 - Religion Honors Research Project (1-2)**

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

SCI - Science**SCI 3012G - Science and the Modern Mind (2)**

This course explores science from philosophical, historical and cultural perspectives, examining both the robust character of scientific inquiry and its limitations. The harmony between science and Christianity is addressed along with ethical and social dilemmas that have resulted

from scientific advances in certain areas. Special emphasis is given to the observations and experiments that resulted in major shifts in scientific paradigms.

Prerequisite: HIS-1013 and BIB-1014 (or BIB-1003 and BIB-1013).

SOC - Sociology**SOC 1013G - Introduction to Sociology (3)**

An introduction to basic principles in understanding patterns of social relations. Includes the major theoretical perspectives and methods for obtaining sociological knowledge. Special emphasis is given to the sociological examination of the major institutions in society. This course is offered in traditional and non-traditional formats.

SPA - Spanish**SPA 1013G - Elementary Spanish I (3)**

An introductory study of the Spanish culture, language, grammar and vocabulary by means of reading, writing, listening, speaking, and translating. This course is offered in traditional and non-traditional formats or can be taken by examination for credit.

SPA 1023G - Elementary Spanish II (3)

A broad study of grammar with a focus on new verb tenses. Special emphasis is given to building vocabulary by means of reading, writing, listening, speaking, and translating. This course can be taken by examination for credit.

Prerequisite: SPA-1013G.

SPA 2001 - Spanish Phonetics and Phonology (1)

An introduction to the phonetic and phonological systems of the Spanish language. Emphasis on practical application in order to improve pronunciation and comprehension of the spoken language.

SPA 2003G - Intermediate Spanish I (3)

An intermediate study of Spanish culture and literature, intermediate grammar, composition, and conversation.

Prerequisite: SPA-1023G.

SPA 2013G - Conversational Spanish (3)

A course in spoken Spanish including dialogs, group discussion, prepared talks, skits, games, and role playing in different environmental situations.

Prerequisite: SPA-2003G.

SPA 2023 - Intermediate Spanish II (3)

This course is designed to help students improve their ability to comprehend, speak, read and write Spanish. A review of grammar structures previously studied as well as the presentation of new grammar topics is included. Reading of materials will provide for discussion in class and allow opportunities for conversation practice. Students will continue to develop a solid foundation in grammar via the language functions of writing, reading, speaking and comprehension while assuming a working vocabulary that will be useful in real life situations.

Prerequisite: SPA-2003G.

SPA 3000G - Spanish Language Institute Orientation (0)

An exploration of the products, practices, and perspectives of Costa Rican culture as a framework for interpreting and understanding cultural differences. The course emphasizes preparation for a semester of study at the Spanish Language Institute in San José, Costa Rica and addresses adjusting to living in Costa Rica, managing culture shock, gaining perspective, building cross-cultural relationships, and generally participating and serving in a second culture. This orientation meets the Explorations in Crossing Cultures (Option 1A) requirement of the University Core. Credit is applied at the completion of the course, trip, required activities, and reflection.

aSPA 3003 - Spanish Composition (3)

A study of grammar, syntax, idiom and style to improve precision of writing different types of material.

Prerequisite: SPA-2003G.

aSPA 3023 - History & Culture of Latin America (3)

An introduction to the history and culture of Spanish-speaking Latin America.

Prerequisite: SPA-2003G.

SPA 3025 - Advanced Spanish Grammar (5)

A review of major grammatical principles with extensive oral and written practice. (Course is available through a cooperative program with Instituto de la Lengua Española or Council for Christian Colleges and Universities Latin American Studies Program.)

Prerequisite: SPA-2023 or departmental approval.

SPA 3035 - Advanced Spanish Composition and Conversation (5)

An intensive study of oral and written expression in the Spanish language. (Course is available through a

cooperative program with Instituto de la Lengua Española or Council for Christian Colleges and Universities Latin American Studies Program.)

Prerequisite: SPA-2013G or departmental approval.

SPA 3043G - Literature of the Spanish Language (3)

The purpose of this course is to explore the literature and culture of Spanish/Latin America through literary readings, music, visual arts, and film.

Prerequisite: SPA-2003G.

SPA 3053 - Culture of Spanish America (3)

A survey of Spanish-American history, life and institutions, and the arts. Readings, discussions, and fieldwork in Spanish are included. (Course is available through a cooperative program with Instituto de la Lengua Española or Council for Christian Colleges and Universities Latin American Studies Program.)

Prerequisite: SPA-2013G or departmental approval.

SPA 3063 - Spanish-American People: A Sociological View (3)

A study of the evolution of social and political ideas in Spanish America. Investigative fieldwork in several Central American cultures is included. (Course is available through a cooperative program with Instituto de la Lengua Española or Council for Christian Colleges and Universities Latin American Studies Program.)

Prerequisite: SPA-2013G or departmental approval.

SPA 3073 - Spanish Morphology and Syntax (3)

An introduction to Spanish morphology and syntax. Emphasis on practical application in order to improve grammatical accuracy in both spoken and written Spanish.

Prerequisite: SPA-2023.

SPA 4133 - Interpretation, Translation, and Spanish Phonetics (3)

Students will learn the processes involved in interpreting and translating. Students will have real life practice in a variety of interpretation situations working with and shadowing professionals. Also, a study of the phonetic system and phonology of the Spanish language with emphasis on practice and application. The knowledge of common phonological processes in Spanish will help to improve pronunciation and comprehension of Spanish.

Prerequisite: SPA-3025, SPA-3035, SPA-3053, SPA-3063, or instructor's permission.

SPA 5019 - Independent Study in Spanish (1-4)**SPA 5029 - Spanish Internship (1-6)**

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: senior standing and departmental application and approval.

Prerequisite: Departmental application and approval.

SPA 5091 - Spanish Honors Research Project (1-2)

A capstone research project within the major for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

SPM - Sports Management**aSPM 3013 - Sports Communication (3)**

An investigation of how information about sports is used by the media, sports organizations and institutions. Special emphasis is given to practical experience in sport specific statistics, game management, and organizational techniques.

SPM 3073 - Sports Management (3)

An investigation of means to comprehend and interpret what constitutes management and what constitutes an organization. Special emphasis is given to ways to administer the planning, organizing, leading, and evaluating of goals for a variety of sports organizations. Topics also include ethics, fundraising, legal aspects, budgeting, history of sports management, and handicapped individuals in sports.

aSPM 3093 - Sports and Society (3)

An analysis of the interaction between sports and society. Special emphasis is given to how institutions such as education, religion, politics, economy, and mass media affect or are affected by sports.

aSPM 4013 - Facility and Event Management (3)

An introduction to the real world of facility and event management in sport. Students apply concepts related to the major components of both facility and event management including planning, financing, marketing, implementation, and evaluation. Theoretical foundations are integrated with real world applications to build a foundation in facility and event management that cover the

diversity of the industry (recreation, leisure, and health and fitness), in addition to the more commonly discussed sport facilities and events.

aSPM 4033 - Sports Finance (3)

An introduction to the real world of financial management in sport. Students will apply financial concepts and be exposed to the importance of finance in sound sport management operations. Various business structures, time value of money concepts, budgets and financial statements, capital acquisition, and ethical guidelines for making financial decisions are presented.

Prerequisite: MAT-2063.

SPM 5029 - Sports Management Internship (1-6)

A supervised experience performed in a professional environment representing a student's major discipline.

Prerequisite: Senior standing and advisor approval.

SWK - Social Work**SWK 1012 - Social Work Field Observation I (2)**

A supervised field observation experience in a community social service agency for a minimum of 35 volunteer hours. A weekly class meeting to discuss observation experiences and professional issues and to integrate learning is included.

Corequisite: SWK-1013.

SWK 1013 - Introduction to Social Work (3)

An introduction to the profession and practice of social work. Special emphasis is given to the emergence of social work as a profession, religious and philosophical origins, values and ethics, basic practice roles and settings, and diverse population groups. This course is offered in traditional and non-traditional formats.

SWK 2003G - Cultural and Human Diversity (3)

An examination of the differences and similarities in the experiences, needs and beliefs of people distinguished by race, ethnicity, culture, class, gender, sexual orientation, religion, physical or mental ability, age or national origin. Content promotes understanding, affirmation, engagement and respect for people from diverse backgrounds and emphasizes the interlocking and complex nature of culture and personal identity. Special emphasis is given to understanding the dynamics and consequences of social and economic injustice, oppression and discrimination

experienced by minority groups in the United States. This course is offered in traditional and non-traditional formats.

SWK 2012 - Social Work Field Observation II (2)

A supervised field observation experience in a community social service agency for a minimum of 35 volunteer hours. A weekly class meeting to review observation experiences, professional issues, and to integrate learning is included.

Prerequisite: SWK-1012 or instructor's permission.
Corequisite: SWK-2073.

SWK 2013 - Social Work Interviewing & Documentation (3)

An introduction to professional communication and technical writing skills utilized in the social work profession. This course is offered in traditional and non-traditional formats. This course is offered in traditional and non-traditional formats.

Prerequisite: SWK-1013.

SWK 2073 - Social Justice & Advocacy (3)

A study of the social welfare system as it responds in social responsibility and justice to disadvantaged segments of society from historical, philosophical, and institutional perspectives. This course is offered in traditional and non-traditional formats.

Corequisite: SWK-2012.

SWK 3003 - Social Science Research Methods (3)

A study of empirically-based concepts and methods used in sociology, social work, and criminal justice for social research including community/societal needs, micro-level intervention, and program effectiveness. Emphasis is given to both quantitative and qualitative research paradigms. This course is offered in traditional and non-traditional formats.

Prerequisite: SOC-1013G and admission to the Social Work Program.

SWK 3013 - Social Work Practice with Individuals (3)

A study of empirically-based knowledge, skills, values, and ethics required for generalist social work practice with individuals. Special emphasis is given to the application of evidence-based practice and to developing systems and person-in-environment perspectives for effective generalist practice. Prerequisite: Admission to the Social Work Program. Co-requisite for traditional students: SWK3063. This course is offered in traditional and non-traditional formats.

Prerequisite: Admission to the Social Work Program.
Corequisite: SWK-3063.

SWK 3024 - Social Work Practice with Families and Groups (4)

A study of the knowledge, skills, values, and ethics required for generalist social work practice with families and groups. This course is offered in traditional and non-traditional formats.

Prerequisite: SWK-3013 and admission to the Social Work Program.

SWK 3063 - Human Behavior & the Social Environment I (3)

A study of a basic framework for creating and organizing empirically based theories and knowledge of human behavior and the social environment. Special emphasis is given to the reciprocal relationships between individual behavior and the larger social environment, social work ethics, and the impact of cultural human diversity, discrimination, and oppression on the individual's ability to reach or maintain optimal health and well-being. This course is offered in traditional and non-traditional formats.

Prerequisite: Admission to the Social Work Program.
Corequisite: SWK-3013.

SWK 3073 - Human Behavior & the Social Environment II (3)

A study of adult human behavior and the social environment in individual and family systems. The unifying framework is constructed with person-in-environment and social system perspectives. Special emphasis is given to the impact of cultural human diversity and discrimination and oppression, particularly with regard to the individual's and family's ability to function effectively throughout the adult developmental journey. This course is offered in traditional and non-traditional formats.

Prerequisite: Admission to the Social Work Program.

SWK 3083 - Crisis Intervention (3)

A study of the basic concepts, theoretical perspectives, and skills of crisis intervention. Techniques and strategies are applied to specific types of crises.

SWK 3089 - Special Topics in Social Work (1-3)

A study of current issues in social work. Topics vary from year to year; the course may be repeated.

SWK 3099 - Cross-Cultural Service Learning (1-6)

A supervised volunteer, cross-cultural work experience. Service learning activities, readings, and a weekly seminar to process the volunteer experiences is included.

Prerequisite: Application to and approval by the Off-Campus Study Committee.

SWK 3141 - Preparation for Field Education (1)

This course is designed to prepare students for the senior social work practicum experience. The students will develop an understanding of departmental field policy, use of supervision, agency expectations regarding professionalism, and identification of personal impairment. The course will guide students through the placement process. Students will complete all application materials, including a placement resume, background check, and field consent forms. Final coordination and community agency interviews with prospective placements will occur during this course.

Prerequisite: Admission to the Social Work Program.

SWK 3143 - International Social Work (3)

This course will examine the need for international social work, given the global context and concerns. The course will also examine four perspectives--namely, the global perspective, the human rights perspective, the ecological perspective, and the social development perspective--all of which are crucial for international social work practice. The study abroad program to a developing country will expose students to social problems and the strategies being followed in tackling the problems.

SWK 4013 - Social Work Practice with Organizations and Communities (3)

A study of empirically-based knowledge, values, ethics, and skills of generalist social work practice with organizations and communities. This course is offered in traditional and non-traditional formats.

Prerequisite: SWK-3024 and admission to the Social Work Program.

SWK 4033 - Analysis of Social Policy (3)

A study of the integration of federal, state and local social policy and generalist social work practice. Special emphasis is given to frameworks for influencing, formulating, analyzing, and implementing social policy, especially as social policy impacts populations-at-risk. This course is offered in traditional and non-traditional formats.

Prerequisite: SWK-2073, SWK-4013 and admission to the Social Work Program .

SWK 4041 - Social Work Seminar I (1)

A forum to integrate empirically-based social work theory and field practice. Special emphasis is given to the professional development of the student as a generalist social work practitioner and the licensure application process.

Prerequisite: SWK-3024, admission to the Social Work Program, admission to the practicum experience, and senior classification. Corequisite: SWK-4046.

SWK 4046 - Social Work Practicum I (6)

A supervised field experience of 200 volunteer hours in a community agency applying the knowledge, skills, values, and ethics of generalist social work practice.

Prerequisite: SWK-3023, admission to the Social Work Program, and admission to the practicum experience. Corequisite: SWK-4041.

SWK 4051 - Social Work Seminar II (1)

A forum to integrate empirically based social work knowledge, skills, and values and field practice. Special emphasis is given to processing professional development issues, internalizing a professional identity as a social worker, and job preparation and placement.

Prerequisite: SWK-4013, SWK4041, SWK-4046, admission to the Social Work Program, and admission to the practicum experience. Corequisite: SWK-4056.

SWK 4056 - Social Work Practicum II (6)

A supervised field experience of 200 volunteer hours in a community agency applying the knowledge, skills, values, and ethics of generalist social work practice.

Prerequisite: SWK-4013, SWK-4041, SWK-4046, admission to the Social Work Program, and admission to the practicum experience.

SWK 5019 - Independent Study in Social Work (1-4)

SWK 5091 - Social Work Honors Research Project (1-2)

A capstone research project within the major field for honor students. It is supervised by a faculty mentor and evaluated by a committee of three faculty. The course is repeatable for up to four (4) hours of credit. Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

Prerequisite: Approval of the Application of Intent for Honors Research Project by the Honors Program Director.

THE - Theology

THE 3003G - Christian Beliefs & Convictions (3)

A study of the essential Christian doctrines and their contemporary significance.

Prerequisite: Sophomore standing and complete either BIB-1014G or both BIB-1003G and BIB-1013G.

THE 3013 - Doctrine of Christian Holiness (3)

A systematic study of the Christian thought of sin, justification, salvation, sanctification, and holiness.

Prerequisite: THE-3003G.

THE 3022 - Doctrine of Christian Holiness (2)

A systematic study of the Christian thought of sin, justification, salvation, sanctification, and holiness.

Prerequisite: THE-3003G.

THE 4003 - Christian Theology I (3)

A study of the Christian faith as a systematic structure of thought. Special emphasis is given to the biblical foundations, historical development, philosophical implications and theological presuppositions related to revelation, the nature of God, and the Trinity.

Prerequisite: THE-3003G and senior standing.

THE 4013 - Christian Theology II (3)

A study of the Christian faith as a systematic structure of thought. Special emphasis is given to the biblical foundations, historical development, philosophical implications and theological presuppositions related to Christ, the Holy Spirit, salvation, the Church, and the future.

Prerequisite: THE-3003G, THE-4003, and senior standing.

THE 4073 - Theology of the City (3)

A biblical theology of the city and God's efforts to redeem individuals and societies.

THE 4083 - Wesley's Life and Thought (3)

A seminar of guided research into the life and thought of John Wesley including the origins of his thought.

aTHE 4099 - Seminar in Theology (1)

An in-depth study of selected doctrines, theologians or religious movements from ideological or historical perspectives. The course may be repeated for credit as topics vary.

THE 5019 - Independent Study in Theology (1-4)

TSL - Teaching English (TESOL)

aTSL 4003 - TESOL: Curriculum, Instruction, and Assessment (3)

An overview of research and curriculum-related activities and strategies in the topic areas. Students will examine methods and techniques of teaching English Speakers of Other Languages (ESOL), including content-enriched instruction; proficiency of language acquisition and development; assessment and evaluation of teaching and materials.

aTSL 4071 - TESOL Practicum (1)

A field experience in which students observe and teach multiple trial lessons in an agency, public school, church or other appropriate TESOL setting. Special emphasis is given to curriculum and instruction (including technology). Lessons highlight thorough planning, essential instructional strategies, and assessing the impact of instruction. This practicum includes 30 clock hours that could be arranged in any semester, including summer.

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Associate Professor of Physical Education and Women's Volleyball Coach
 B.A., 1975, North Park College; M.A., 1979, Northwestern University

Eric M. Vail, Ph.D., 2012
Associate Professor of Theology
 B.A., 2001, Northwest Nazarene University; M.Div., 2005, Nazarene Theological Seminary; 2009, Ph.D., 2009, Marquette University

Assistant Professor Rank

John M. Ballenger, M.F.A., 2017
Assistant Professor of English and Director of the Writing Center
 B.A., 1995, Mount Vernon Nazarene University; M.A.C.E., 1999, Nazarene Theological Seminary; M.F.A., 2012, Ashland University

Elizabeth A. Barrett, M.Mus., 2012
Assistant Professor of Music
 B.A., 2002, Otterbein College; M.Mus., 2008, Rider University;

Jon P. Bossley, Ph.D., 2016
Assistant Professor of Biology
 B.A., 1992, The Ohio State University; M.Ed., 2004, Ashland University; Ph.D., 2016, The Ohio State University

D. Eric Browning, Ph.D., 2005
Assistant Professor of Counseling and Director of Counseling and Wellness
 B.A., 1990, Mount Vernon Nazarene University; M.A., 1998, Ashland Theological Seminary; Ph.D., 2011, Walden University

Amy M. Dubusky, M.A.Ed., 2019
Assistant Professor of Education
 B.A., 2000, Mount Vernon Nazarene University; M.A.Ed., 2011, Mount Vernon Nazarene University

Debra J. Garee, M.S.N., 2011
Assistant Professor of Nursing
 B.S.N., 1995, University of Cincinnati; M.S.N., 2010, Indiana Wesleyan University

Judy L. Gregg, D.N.P., 2011
Assistant Professor of Nursing
 B.S.N., 1989, Excelsior College; M.S., 1990, Indiana Wesleyan University; D.N.P., 2017, Carlow University

Jessica R. Grubaugh, Ed.D., 2012
Assistant Professor of Education and GPS Education Program Coordinator
 B.A., 2002, Mount Vernon Nazarene University; M.A.Ed., 2011 Mount Vernon Nazarene University; Ed.D., 2018, Grand Canyon University

Krissta N. Hadsell, M.B.A., 2019
Assistant Professor of Management and Director of Institutional Research and Accountability
 B.S.M., 2007, Purdue University; M.B.A., 2017, Mount Vernon Nazarene University

Florence L. Hardjono, M.A., 2017
Assistant Professor of Communication Sciences and Disorders
 B.T., 2000, The Philippine Baptist Theological Seminary; B.A., 2011, Ohio State University; M.A., 2014, Ohio State University

Binyang Hou, Ph.D., 2017

Assistant Professor of Physics

B.S., 2003, University of Science and Technology of China; M.S., 2008, University of Illinois at Chicago; Ph.D., 2011, University of Illinois at Chicago

Brian D. Humphrey, M.S. 2006

Assistant Professor of Physical Education and Athletic Trainer

B.A., 1994, Mount Vernon Nazarene University; M.S., 1997, Ohio University

Christina A. Jones, J.D., 2017

Assistant Professor of Criminal Justice

B.A., 1995, Eastern Nazarene University; J.D., 1998, Rutgers University

Tae Kyu Kwon, Ph.D. 2019

Assistant Professor of Psychology

B.A., 2004, Seoul National University; M.S., 2012, Purdue University; Ph.D., 2015, Purdue University

Qiuyan Li, M.S. 2019

Assistant Professor of Engineering

B.S., North China University of Water Resources and Electric Power, 2011; M.S., 2015, University of Pittsburgh

Judy R. Madtes, M.B.A., 1990

Assistant Professor of Business

B.S., 1979, Trevecca Nazarene University; M.B.A., 1996, City University

Billie J. Maglott, M.S.N., 2016

Assistant Professor of Nursing

B.S.N., MedCentral College of Nursing; M.S.N., 2012, Walden University

Elizabeth J. Napier, Ed.D., 2007

Assistant Professor of Education

B.S., 2002, Ohio University; M.A., 2006, Muskingum College; Ed.D., 2019, Walden University,

Jean M. Ollis, M.S.W., 2012

Assistant Professor of Social Work

B.S., 1992, and M.S.W., 2009, The Ohio State University

Jose Oommen, Ph.D., 2017

Assistant Professor of Engineering

B.E.E., 2000, Cochin University; M.E.E., 2009, University of Alabama; Ph.D., 2012, University of Alabama

Jeongmoon Park, Ph.D., 2018

Assistant Professor of Engineering

B.S.E., 2011, Korea Aerospace University; M.S., 2014, Purdue University; Ph.D., 2018, Texas A&M University

Timothy D. Radcliffe, M.A., 2019

Director of the Library

B.A., 2010, Mount Vernon Nazarene University; M.A., 2013, Wheaton College

Joseph D. Rinehart, M.A., 2008

Assistant Professor of Communication and Director of Broadcasting

B.A., 1991, Otterbein College; M.A., 2008, Spring Arbor University

Michael C. Robbeloth, M.B.A., 2017

Assistant Professor of Computer Science

B.S., 2000, Wilmington College; M.S., 2002, Bowling Green State University; M.B.A., 2014, University of Dayton

Lynn E. Shoemaker, M.Ed., 2011

Assistant Professor of Education

B.S., 1993, Malone College; M.Ed., 1995, Ashland University

Trudy P. Singletary, M.S.W., 2006

Assistant Professor of Social Work

B.S.W., 1988, and M.S.W., 1990, West Virginia University

Deborah S. Smith, M.S., 2016

Assistant Professor of Mathematics, Director of the Center for Innovative Education

B.S., 2005, Mount Vernon Nazarene University; M.S. 2013, Texas A&M University

Justin K. Sorensen, M.F.A., 2016

Assistant Professor of Art

A.A.S., 2007, SUNY Jamestown Community College; B.F.A., 2009, Kutztown University; M.F.A., 2013, Rhode Island School of Design

Eric W. Stetler, M.B.A., 2017

Assistant Professor of Marketing, Vice President for GPS, and Dean of the School of GPS

B.A., 1999, Mount Vernon Nazarene University; M.B.A., 2014, Mount Vernon Nazarene University

R. Joy Strickland, M.S.Ed.

Assistant Vice President for Student Success and Retention

B.A., 1995, Taylor University; M.S.Ed., 1997, Alfred University

Carla F. Swallow, M.A., 2010

Assistant Professor of Psychology

B.A., 2004, Mount Vernon Nazarene University; M.A., 2007, Wheaton College

Krishana White, Ed.D., 2013

Assistant Professor of Education

B.A., 2007, Mount Vernon Nazarene University; M.Ed., 2010, Ashland University; Ed.D., 2017, Capella University

Instructor Rank

Jennifer K. Jacobsen, M.S.W., 2019

Instructor of Social Work

B.A., 2011, Ohio State University; M.S.W., 2015, Ohio State University

Jaymes M. McMillan, B.A., 2018

Instructor in Visual Media

B.A., 2012, Mount Vernon Nazarene University

Part-Time and Visiting Faculty

Professor Rank

Colleen S. Bryan, Ph.D., 1989

Professor of Psychology

B.A., 1980, Eastern Nazarene College; M.Ed., 1987, George Mason University; Ph.D., 2009, Walden University

Assistant Professor Rank

Pheba L George, Ph.D., 2019

Visiting Assistant Professor of Biology

B.S., 2004, Alabama A&M University; M.S., 2005, Alabama A&M University; Ph.D., 2012, Alabama A&M University

Garland W. McCutcheon, Jr., M.A., 2017

Assistant Professor of Education, GPS Education Field and Clinical Coordinator

B.A., 1979, Ohio State University; M.A., 2003, Mount Vernon Nazarene University

Esther J. Rudolph, M.S.N., 2007

Assistant Professor of Nursing

B.S.N., 1996, Oral Roberts University; M.S.N., 2006, University of Phoenix

Henry W. Spaulding III, Ph.D., 2019

Visiting Assistant Professor of Theology

B.A., 2010, Trevecca Nazarene University; M.T.S., 2013, Duke University; Ph.D., 2018, Garrett-Evangelical Theological Seminary

Instructor Rank

Denise S. Parks, B.A., 1984

Instructor in Mathematics

B.A., 1981, Mount Vernon Nazarene University

