

Newman University 2020-2021

3100 McCormick, Wichita, KS 67213-2097
Telephone: 316-942-4291 or 1-877-NEWMANU (639-6268)

FAX: 316-942-4483
www.newmanu.edu

Accreditation:

Higher Learning Commission
230 South LaSalle Street,
Suite 7-500, Chicago, IL 60604
info@hlcommission.org
312-263-0456

Kansas State Department of Education
Landon State Office Building
900 SW Jackson St.
Topeka, KS 66612-1212
www.ksde.org | 785-296-3201

Council for the Accreditation for Education Preparation (CAEP)
1140 19th St. NW, Suite 400
Washington, D.C. 20036
www.caepnet.org | 202-223-0077

Commission on Collegiate Nursing Education (CCNE)
655 K St. NW, Suite 750
Washington, DC 20001
www.ccneaccreditation.org

Council on Social Work Education
1701 Duke St., Suite 200
Alexandria, VA 22314-3457
www.cswe.org | 703-683-8080

Council on Accreditation of Nurse Anesthesia Educational Programs
222 S. Prospect Ave., Suite 304
Park Ridge, IL 60068-4010

Joint Review Committee on Education in Radiologic Technology
20 N. Wacker Dr., Suite 2850
Chicago, IL 60606-3182
313-704-5300

Commission on Accreditation for Respiratory Care (CoARC)
PO Box 54876
Hurst, TX 76054-4876
817-283-2835

Accreditation Council for Occupational Therapy Education (ACOTE)
of the American Occupational Therapy Association
6116 Executive Boulevard., Suite 200
North Bethesda, MD 20852-4929
301-652-2682
www.acoteonline.org

The Counseling Program curriculum meets the requirements of K.A.R. 102-7-3 and is approved by:
The Kansas Behavioral Science Regulatory Board (BSRB)
700 SW Harrison St., Suite 420
Topeka, KS 66603-3929
785-296-3240

The nursing program is approved by the Kansas State Board of Nursing
900 SW Jackson St., #1051
Topeka, KS 66612

The university is approved for the education of
foreign students, veterans and dependents of veterans.

GI Bill® is a registered trademark of the United States Department of Veterans Affairs (VA)

The absence of the registration symbol ® does not constitute
a waiver of VA's trademark rights in that phrase.



The Newman University catalog is official at the time of printing.
To view the most up to date version, please visit <https://newmanu.edu/registrar/course-catalog>

The material in this catalog is provided for informational purposes and does not constitute a contract. For example, courses, curricula, degree requirements, fees, and policies are subject to constant review and change without notice.

Newman University’s Institutional Identity	4
Undergraduate Admissions.	9
Student Life.	13
Expenses & Financial Aid	17
Student Loan Information	27
Academic Information	29
Undergraduate Educational Program	52
Course Listing Explanations	72
Personnel.	174
Index	182
2020 Fall Dates	184
2021 Spring Dates.	185
2021 Summer Dates	186

Newman University Catalog No. 67
Effective date: August 1, 2020



NEWMAN UNIVERSITY'S INSTITUTIONAL IDENTITY

OUR MISSION STATEMENT

We are a Catholic university named for Saint John Henry Newman and founded by the Adorers of the Blood of Christ for the purpose of empowering graduates to transform society.

OUR CORE VALUES

Newman University's Mission Statement is grounded in the following Core Values:

Catholic Identity

("We are a Catholic university...")

As a Catholic institution of higher learning, Newman finds guidance in *Ex corde ecclesiae* and other teachings of the Catholic Church and draws nourishment from its relationships with surrounding Catholic communities and dioceses. At the same time, our Catholic identity is distinctively shaped by the influence both of our founders and sponsors, the Adorers of the Blood of Christ, and of our namesake, the Catholic theologian and educator Saint John Henry Newman. From the Adorers, we receive our special mission of developing and empowering our graduates to work for the

betterment of society—a mission inspired by the Adorers' own founder, Saint Maria De Mattias. From Saint Newman, we inherit our vision of the university as an institution that educates the whole person to seek the truth and to lead a meaningful and purposeful life. Finally, with a strong liberal arts foundation, our curriculum honors the richness and vitality of our Catholic intellectual heritage while affirming the value of dialogue involving persons of varied cultures and religious traditions.

Academic Excellence

(...named for Saint John Henry Newman...)

Following the ideals of Saint Newman, we seek to educate the whole person. A firm grounding in the liberal arts strengthens all our programs and instills habits of lifelong learning that will accompany graduates as they pursue a variety of personal, academic, and professional goals. Newman's faculty strives to utilize best practices in instruction, the insights derived from scholarly research, and a culture of assessment to promote classroom and program improvement, while the small college atmosphere of Newman facilitates the development of an active, dynamic learning community. In addition, Newman University has

a special mission—to make an environment of academic excellence available to a diverse range of students and to empower those students, through the education we provide, to transform the world. In sum, it is the development of the intellectual, moral, and spiritual capabilities of the entire university community combined with our collective dedication to the promotion of peace and social justice that characterizes academic excellence at Newman University.

Culture of Service
(...and founded by the Adorers of the Blood of Christ...)

The passion to serve others is integral to the missions of both Newman University and the Adorers of the Blood of Christ. We actualize this mandate by fostering a distinctive culture of service in which each member of the community is encouraged to find personally fulfilling ways of growing through giving. Manifestly, gifts of time and talent are visible symbols of our commitment to transforming the human condition, while inwardly, service is also transformative for the student who successfully develops a critical consciousness that hungers and thirsts for justice and peace. Through our Christ-centered humanitarian commitment to serving the underserved, we honor that common mission which we share with our founders and sponsors, namely that of developing and empowering people.

Global Perspective
(...for the purpose of empowering graduates to transform society.)

Newman University is committed to promoting an interdependent global perspective formed by a critical consciousness that hungers and thirsts for justice and peace. More than just an awareness of other cultures, such a perspective affirms the interdependent nature of all of creation. At the same time, it speaks to the ideal of the educated person in the modern world: a person who possesses a strong sense of self yet embraces difference; a person who not only seeks knowledge but effectively applies it; a person of wide vision who remains well grounded. To this end, we seek to engage a diverse array of students in outstanding educational experiences designed to cultivate the knowledge, skills, and values they will need to become leaders in the transformation of an increasingly complex and interconnected world.

THE NEWMAN CODE

All members of the Newman community pledge to live by the Newman Code. Reflecting the same underlying ideals as the Newman University Mission and Core Values, the Newman Code shows how each of us can translate those ideals from the institutional level into personal thought and action:

As a member of the Newman community, I pledge to live in the spirit of critical consciousness by respecting the dignity of every person, honoring both personal and institutional integrity, and striving to embrace all humanity.

To Live in the Spirit of Critical Consciousness

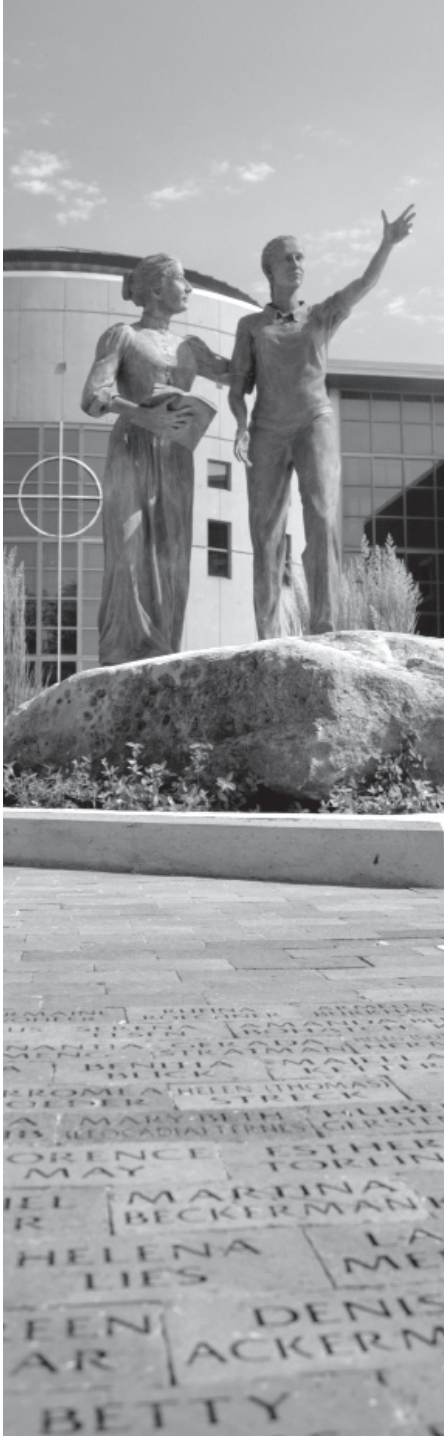
Newman University is an educational community rooted in Judeo-Christian principles that challenges all who join it to accept the responsibility of forming a critical consciousness. This means more than just learning to perceive injustice; it also means developing the willingness and skills to take action against it. Through the power of reason and an embrace of the Gospel call to love our neighbor as ourselves, we strive to create a more just and peaceful world. The Newman Code expresses our commitment to engaging the whole person in the effort to transform society.

To Respect Dignity

Understanding that diverse perspectives are integral to a learning environment, we value the insights of every member of the Newman community. When differences of opinion and belief arise, we put aside personal prejudices and listen carefully with open minds. We respond calmly, thoughtfully, and with consideration for opposing views. At all times we treat others with the same respect to which we are entitled. We uphold, and when necessary defend, the inherent dignity and the fundamental rights of all individuals. Mindful of everyone's need for conditions that support their work and development, we respect both public and private property and work to promote a safe and cooperative learning environment.

To Honor Integrity

Confronting life truthfully, we hold our word as our bond. If we say we will do something, we do it. We believe that remaining true to our word, even in the face of temptation or persecution, has a value beyond measure. By pledging to honor our personal integrity, we commit ourselves to being honest and forthright at all times—in the classroom, on the playing field, and in our private and professional lives.



In particular, as members of a community of higher learning, we hold academic integrity in special regard: we neither provide nor accept any unauthorized aid on academic work. In all personal and academic matters, we abide by the relevant policies and codes of Newman University.

To Embrace All Humanity

Embracing humanity means creating a welcoming climate of kindness, warmth, and love. It begins with those nearest us, but it does not end there. Promoting right relationships among all individuals, we seek to foster a culture of inclusion wherein every person feels valued and encouraged to perform to his or her full and unique potential. Although diverse as individuals, we are united as members of one human family. Conscious of this, we strive to live in the spirit of the Good Samaritan by selflessly considering the disadvantaged and offering service to those in need, supporting and assisting one another in our respective life journeys.

ASC MISSION STATEMENT

As a sponsored ministry of the Adorers of the Blood of Christ (ASC), Newman University exists to further the ASC Mission:

The United States Adorers of the Blood of Christ, rooted in the Gospel of Jesus, are ecclesial women, living in community, witnessing God's love in Mission to empower others, foster oneness, celebrate life, form right relationships, and walk as compassionate companions.

At Newman, we strive to ensure a high degree of congruence between our Mission and that of the ASC Sisters. The following table highlights some important connections between the two mission statements:

Newman Mission Statement	<i>We are a Catholic university...</i>	<i>...named for Saint John Henry Newman...</i>	<i>...and founded by the Adorers of the Blood of Christ...</i>	<i>...for the purpose of empowering graduates to transform society.</i>
ASC Mission Statement	<i>To celebrate life</i>	<i>To foster oneness</i>	<i>To walk as compassionate companions</i>	<i>To empower others</i>
Comment	One of the central precepts of Church teaching is the fundamental dignity of the human person. It is on this basis that the Catholic Church has developed its unshakable commitment to the value of human life.	Saint Newman's writings on education emphasize the importance of a holistic approach to education as well as the unitary nature of truth and knowledge. Newman University thus "fosters oneness" both as a place where the whole person is educated as one and as a place where the essential unity of truth becomes manifest.	As its history clearly shows, the founding of this institution by the Adorers was itself an act of extraordinary service and devotion to humanity. At Newman we strive daily to emulate the Sisters' remarkable spirit of charity and compassion.	At Newman, we understand higher education to be a means of empowerment, and we answer the ASC call to empower others by naming this as the very purpose for which we exist.

NOTICE OF NONDISCRIMINATORY POLICY

Newman University does not discriminate on the basis of race, color, creed, sex, religion, age, national origin, handicap or disability, veteran status, or any other classification protected by local, state and/or federal laws. Any persons having inquiries concerning this may contact the provost and vice president for academic affairs, 3100 McCormick, Wichita, KS 67213-2097, or by calling 316-942-4291.

The Newman University Office of Disability Services coordinates support services so that students with disabilities can be self-sufficient and can develop to their maximum academic potential.

To be eligible for these services, documentation from a licensed professional must be provided. This documentation must be no more than three (3) years old, state the nature of the disability, and clearly describe the kinds of accommodations recommended by the licensed professional.

This documentation must be sent to: ADA/504 Coordinator, Office of Disability Services, Newman University, 3100 McCormick, Wichita, KS 67213. When this information is on file, the coordinator will work with the professors concerning the needed reasonable accommodations for the student. For more information, contact the ADA/504 Coordinator at 316-942-4291 ext. 2235.

At any time during the semester, classroom accommodations will be made for students with permanent or temporary physical challenges. Students should notify the Academic Affairs Office if they are in need of this service.

HISTORY

Newman University is a coeducational Catholic liberal arts institution offering associate, baccalaureate, and graduate degrees.

The university is a sponsored ministry of the Adorers of the Blood of Christ, United States Region, whose congregation was founded in Italy in 1834 by Saint Maria De Mattias, an outstanding educator. The community came to the United

NEWMAN UNIVERSITY

States in 1870, and the first group of sisters to arrive in Wichita established a school for girls in 1902.

In 1933, Sacred Heart Junior College was opened with full year and summer courses available for both religious and lay women. The college was reorganized in 1952 as a four year liberal arts college (Sacred Heart College) to more effectively serve the educational needs of its students. In 1958, a regular evening program, also open to men, was initiated. This was expanded in 1963 to permit granting degrees to men. In 1965, Sacred Heart College became coeducational with residence facilities for both men and women. Master's degrees were offered beginning with the 1992-93 academic year.

The name change from Sacred Heart College to Kansas Newman College was effective in 1973 and on July 1, 1998 the name was changed to Newman University. The university is named after Saint John Henry Newman (1801–1890), an intellectual leader in the Catholic Church and in Catholic philosophy of education.

LOCATION

Newman University is located on a 61-acre campus in southwest Wichita, easily accessible from U.S. Highway 54, Kansas Highway 42, and Interstate 235. It is 10 minutes from downtown and 10 minutes from the airport, which is served by several major airlines.

BEATA HALL: Opened in the fall of 2000, this hall provides housing for men and women in an expanded suite option where five residents, each with a private bedroom, share two baths, a living room and a kitchenette.

BISHOP GERBER SCIENCE CENTER:

Erected in 2017, this state-of-the art Center houses faculty offices, research space and classrooms.

CARROCCI HALL: Erected in 2007, this student residence features traditional suite-style units with two bedrooms and a shared bath. A limited number of private rooms are also available.

DE MATTIAS FINE ARTS CENTER: This facility, opened in 2000, includes a performance hall, the Jabara Flexible Theatre with dressing rooms and a scene shop, music rehearsal space with studio and practice rooms, an art gallery and studios for sculpture, ceramics, painting, drawing, and computer graphics.

DUGAN LIBRARY AND CAMPUS CENTER:

Erected in 2007, this 56,000 square-foot complex includes the university library, study and gathering areas, classrooms, a bookstore, a café, a convenience store, a student center, computer labs, an alumni lounge and a conference center.

ECK HALL: Dedicated in 1995, this facility houses nursing and allied health classrooms, labs, offices and two computer labs.

FUGATE HALL: Built in 2007, Fugate Hall features two- and four-bedroom apartments available only to upper-classmen and graduate students.

MABEE DINING CENTER: Opened in the fall of 2000, this hall provides food preparation and serving areas and dining space for more than 300 people.

MCNEILL HALL: Erected in 1961, this is the location of faculty offices and classrooms.

MERLINI HALL: Erected in 1967, this hall provides housing for both men and women. The capacity is 156.

O'SHAUGHNESSY SPORTS COMPLEX:

This facility, completed in 1999, includes a 1,100 seat gymnasium, coaches' offices and conference room, an aerobics/weight room, locker rooms and an elevated indoor track.

SACRED HEART HALL: Erected in 1923, this facility houses administrative offices, St. John's Chapel, classrooms, and a student lounge.

UNDERGRADUATE ADMISSIONS

Newman University seeks to admit qualified students interested in career preparation through the liberal arts. A selective admissions process allows each candidate to be considered on an individual basis.

RETURNING NEWMAN UNIVERSITY STUDENTS

A student who was previously enrolled at Newman University, but has had an absence of two or more consecutive semesters (excluding summer term), must reactivate their official Newman University academic record through the Registrar's Office. Returning students will be reactivated under the current academic catalog and assigned an advisor according to their declared major. If a student attended another post-secondary institution during their absence from Newman University, the student must submit all official transcripts at the time of re-enrollment.

Previously enrolled Newman University students do not need to go through the current admission application process. Please see the Registrar directly in order to re-enroll into Newman University.

NEW DEGREE-SEEKING STUDENTS

Newman University accepts undergraduate applicants as either first-time or transfer students. First-time students are defined as those students who are beginning their college careers after receipt of a high school diploma or GED, regardless of college credits earned while in high school or the summer following graduation. Transfer students are those who have attended college after high school.

HOW TO APPLY FOR ADMISSION

All students are required to submit:

APPLICATION FOR ADMISSION

A completed Application for Admission which can be found on the Newman University website. There is a non-refundable application fee for all applicants. For those applicants on a free/reduced lunch plan, contact the Office of Admissions for fee waiver consideration.

OFFICIAL TRANSCRIPTS

Official transcripts of all academic work from any and all accredited institutions attended are required. These must be submitted electronically from the accredited institution or school to Newman University's Office of Admissions through a secure, nationally recognized online platform. If

an electronic version cannot be obtained, please contact the Office of Admissions.

First-time student applicants must submit an official high school transcript or an official GED transcript. They are also required to submit official transcripts for any college credits attempted at an accredited institution while in high school.

Transfer applicants must submit official transcripts from each accredited college or university where coursework was attempted, as well as official transcripts for any in-progress coursework. For those transfer applicants who have earned fewer than 24 college credits, an official high school transcript must also be submitted.

MINIMUM REQUIREMENTS FOR ADMISSIONS

First-time students:

Admission is automatically granted to applicants with a minimum high school cumulative GPA of 2.25 on a 4.0 scale OR an ACT minimum composite superscore of 21 (or SAT equivalent). Applicants falling short of both the GPA and ACT minimums will be considered for admission by the admission committee.

Applicants with an earned GED must have a minimum score of 165 on tests taken in 2014 or later. GED scores received prior to 2014 will be evaluated by the admissions office.

Math and/or writing assessments may be required for some applicants.

Transfer students:

Admission is automatically granted to applicants with a minimum cumulative grade point average of 2.25 on a 4.0 scale from nationally accredited colleges or universities.

For those applicants who have completed fewer than 24 college credits at the time of application, the high school transcript of GED transcript is required in order to be considered for admission. See the first-time student GPA and GED requirements for more details.

ADMISSIONS

ADMISSIONS ACCEPTANCE CATEGORIES

CONDITIONAL ACCEPTANCE:

All admission standards are not met. Applicants who do not meet the stated criteria for admission may be asked to submit additional documentation and may be admitted conditionally after review. The academic success of students receiving conditional admission is reviewed at the end of their first fall or spring semester. If admitted conditionally, applicants are required to sign an academic contract that delineates the expectation and requirements for the initial and continued enrollment.

FULL ACCEPTANCE: All admission standards have been met.

ADVISOR ASSIGNMENT

Upon admission to any undergraduate or graduate program, an advisor will be assigned to assist the student in developing a degree plan. The student is required to meet with the advisor before every registration to review or revise the degree plan.

Students engaged in graduate course work that requires the use of human subjects for surveys, questionnaires, scholarly or research studies are to seek approval from the Institutional Review Board. Contact your program director or advisor for assistance.

EVALUATION OF TRANSFER CREDITS

An official evaluation of all credits earned will be made after the student has been accepted for admission and all required transcripts and other documents have been received.

Transfer students holding an Associate of Arts or Associate of Science degree from a nationally accredited college will meet all Skills Course and General Education Course requirements except for the 3 hours of philosophy and 3 hours of theology required by all students at Newman University. Philosophy and theology courses taken elsewhere will be evaluated separately for potential transfer credit.

UNDERGRADUATE STUDENTS IN GRADUATE COURSE

Courses numbered 6000 and above are graduate courses, ordinarily open only to graduate students. Undergraduate students who are within one semester of graduation may register for up to two graduate-level courses and receive graduate credit, provided the graduate courses are not used to meet the undergraduate degree requirements

and that the student's total course load for that semester does not exceed 12-13 credits. (Students with only a required practicum, including student teaching, remaining in their program of study may enroll in graduate courses in the immediately preceding term.) The two courses limitation may not apply to the summer term if a student is not enrolled in any other courses, as determined by the program.

While graduate courses taken by undergraduates (and not used to meet undergraduate degree requirements) will appear on the undergraduate transcript, these courses are not counted toward the undergraduate degree or used in the calculation of the final GPA. The credits may be counted toward the graduate degree.

An exception to these policies is made for undergraduate students admitted to combined bachelor's/master's degree programs.

NON-DEGREE SEEKING STUDENTS

Newman University also admits students who wish to earn academic credit but are not pursuing a degree at Newman University. These include guest students pursuing a degree at another college or university, students wishing to take classes in advance of their first fall semester and all other students not enrolled as degree seekers. Non-degree-seeking students are not eligible for financial aid.

NON-DEGREE ADMISSION

Guest students from other colleges and universities and those students who have earned a high school diploma or GED are eligible to enroll as non-degree students. A non-degree admission application is available online or with the Admissions Office at the main campus or at any outreach site. Transcripts are not required.

Non-degree students are not eligible for reduced tuition. Non-degree students wishing to change their status to degree seeking must complete an application through the Office of Admissions as well as submit all required academic transcripts (see First-time Student and Transfer Admissions).

INTERNATIONAL APPLICANTS

Newman University welcomes applications from international applicants across the world. International applicants can select to participate either in programs on campus as an F-1 visa student OR in an online program from their home country (or an immigration status that permits them to enroll in online coursework in the U.S.).

INDIVIDUALS APPLYING TO PARTICIPATE IN AN ON-CAMPUS PROGRAM AS AN F-1 VISA STUDENT MUST SUBMIT:

A completed Application for Admission, which can be found on the Newman University website. There is a non-refundable application fee for international applicants.

The results of the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS), ACT or SAT to confirm the applicant's proficiency in the English language. Test results must be sent directly from the testing agency to Newman University. The test date for these exams cannot be older than two (2) years at the time of application.

Affidavit of Sponsor form with proof of financial ability to meet all required expenses during studies. Certified bank statements from the applicant and any sponsors are required.

Off-campus housing for international students under age 21 is not allowed unless living with a parent or legal guardian. Applicants may find more information about the dollar amounts required for documentation on Newman University's website.

For first-time student applicants:

Official records of transcripts or leaving certificates from a secondary school(s) are required. For any documents not in English, an official English translation will also be required.

For transfer applicants:

Official transcripts from all institutions attended within the U.S. are required. Official course by course evaluations of transcripts from all institutions attended outside the U.S. are also required. Evaluations may be completed by members of the National Association of Credential Evaluation Services (NACES). Please go to NACES.org to view a list of the approved NACES members. Please have the official evaluation sent directly to Newman University. Information regarding these services may be obtained from the Office of Admissions or on the University website.

INTERNATIONAL UNDERGRADUATE ADMISSION

Admission is based on the following criteria:

Successful completion of the secondary level of education. Generally, this should equate to the first-time student requirements listed above.

Success in course work at the post-secondary level comparable to U.S. College or university work. Generally, this should compare to the transfer requirements listed above.

Proficiency in the English language as measured by one of the following exams: the TOEFL, IELTS, ACT or SAT exam. Applicants with a TOEFL exam result may be admitted with the following scores: a paper exam score of 530 or an internet exam with required section scores of 20 for the writing, 19 for the speaking, 15 for the listening, and 20 for the reading. The minimum requirements for IELTS is a total bandwidth score of 6.0, ACT English AND Reading scores of 20 and SAT Evidence-based Reading and Writing section is 530. Applicants with scores lower than the requirements will not be accepted.

English proficiency requirements will be waived for applicants who have successfully completed 1 year of study in English at a U.S. institution.

If you believe you may be eligible for exemption from the English Proficiency requirements, please contact the Office of Admissions.

The Form I-20 Certificate of Eligibility will be issued to applicants upon acceptance to Newman University and proof of financial ability listed above. Each year all international students are required to obtain health insurance upon enrollment, or show proof of a current health plan extending benefits while in the United States.

Individuals applying to participate in an online program from their home country must submit:

A completed application for admission (see detailed description above)

Proof of English proficiency (see detailed description above)

Official transcripts from all institutions within the U.S. and/or official transcript evaluations from all institutions outside of the U.S. (see detailed description above).

NEW STUDENT ORIENTATION

All first time students are required to attend Freshmen Orientation (Jet Days) and to register for GNST 1001 Traditions and Transitions.

Transfer Orientation is offered each semester and new transfer students are encouraged to attend. The orientation session is designed to acquaint students with various aspects of campus life and to ensure a successful transition.



STUDENT LIFE

STUDENT LIFE

The Department of Student Life supports the holistic development and success of students through community involvement and collaborative relationships in an environment driven by the core values of Newman University. Opportunities for recreation and learning beyond the boundaries of the classroom are provided, resulting in a comprehensive educational experience.

INTERCOLLEGIATE ATHLETICS

Newman is a member of the National Collegiate Athletic Association (NCAA), Division II. The university is now part of the Heartland Conference MIAA (Mid-America Intercollegiate Athletics Association). Newman fields intercollegiate teams in both men's and women's basketball, cross country, golf, soccer and tennis, as well as men's baseball and wrestling, and women's softball and volleyball. Newman also offers men's and women's bowling teams, and men and women's triathlon, which compete in intercollegiate conferences.

RESIDENCE LIFE

Community living is an integral part of the total education of a student. For this reason it is mandatory that students live on campus the first two years of their Newman education. Newman University offers four options for on-campus living: Merlini Hall, Beata Hall, New Hall and Fugate Hall. These options facilitate the intellectual and social growth of students in a Christian community.

MERLINI HALL offers standard suite-style living. Each room accommodates one to two residents who share a common bathroom connecting two rooms. Residents staying in Merlini Hall have access to a recreation room with TVs and a ping pong table.

BEATA HALL features an expanded suite option where five residents, who each have a private bedroom, share two baths, a living room and a kitchenette.

CARROCCI HALL offers standard suite-style living with two bedrooms and a shared bath. These units are designed for two freshman students per bedroom.

FUGATE HALL features two- and four-bedroom apartments available only to upper-classmen and graduate students. Two-bedroom units include private bedrooms with full bath and kitchen. A limited number of four-bedroom apartments feature four bedrooms, two full baths, a kitchen and a common dining room and living area.

EACH HALL is staffed by residence life personnel and/or student resident assistants. The staff is specially trained to help residents become leaders in the halls, on campus and in the community. Each building includes laundry facilities and free e-mail service, Internet and cable television hookups.

ACADEMIC & STUDENT SUPPORT SERVICES

RUNWAY LEARNING CENTER

301 SACRED HEART HALL, 316-942-4291, EXT. 2318

Runway Learning Center provides student support services and is committed to providing integrated services to empower students to realize and achieve their goals and to facilitate students making successful academic, career and personal transitions. The Center is located in room 301 of Sacred Heart Hall (Administration Building).

COMPUTERS/PRINTER: There are computers and printing available for student use. The computers contain software such as Microsoft Windows and Office, tutorials for nursing, algebra, pharmacology, psychology; Tableau Prep Building, Visual Studio 2019, Visual Studio Code.

ACADEMIC ADVISING: Personalized academic advising is provided through the Runway Learning Center to students who are undecided on a major, conditionally admitted, on academic probation or dismissed from an academic program, or otherwise unsure about how to proceed with selecting or changing a major.

TUTORING: Newman University offers free tutoring services (up to fifteen hours per month) to Newman students seeking help with their studies. The Center is equipped with professional staff and peer tutors to assist students in the successful completion of academic work. The peer tutoring program is certified through the CRLA (College Reading and Learning Association.)

The Center has set times for students to drop in for tutoring assistance and an online scheduler for individualized tutoring (<https://newmanu.mywconline.com>)

CAREER SERVICES: Counseling regarding career options, occupational interest testing and guidance in resume writing and interviewing skills is available. Online resume and interview assistance is available to on-and off-campus students. The Career Services staff also provides assistance to

STUDENT LIFE

students in deciding on a major. A current library of career information, current job openings (Handshake), career planning courses are also available. All services are confidential and free of charge.

PERSONAL COUNSELING: Confidential personal counseling is available without charge for students who wish to engage in self-exploration or to discuss concerns about college, family or personal life. Arrangements for personal counseling are made through the Runway Learning Center, room 301 of Sacred Heart Hall. A self-help reference library and listing of referrals and other resources is also available.

PROJECT CARE: Faculty and staff who are concerned about any aspect of a student's experiences or performance submit the student's name to Project Care. The Project Care Coordinator provides these students' referrals to academic assistance and support services.

ADA ACCOMMODATIONS: Students requesting accommodations through the Americans with Disability Act should make an appointment through the Runway Learning Center to meet with the director of ADA Service.

TESTING SERVICES: The testing services are located in room 301 of Sacred Heart Hall. To schedule an exam go to the online scheduler (<https://newmanu.mywconline.com>) and create an appointment. Tests offered include: Makeup exams, Newman University Placement, Residual ACT, and CLEP. Test preparation materials and registration bulletins are available for GRE, GRE subject exams, MCAT, GMAT, NCLEX, TOEFL, SAT, LSAT, DAT, PCAT, VETS, the Social Work Board Examination, OAT, and ACT.

INTERNATIONAL STUDENT SERVICES: Current and accepted Newman students who are on F-1 Student VISAs with advising regarding their time studying in the United States are provided needed services. Services provided include providing guidance on maintaining F-1 Immigration Status, help for F-1 students wishing to apply for employment permissions, advice in navigating University policies and processes, cultural adaptation assistance including domestic processes like getting a bank account, and ensuring that students maintain compliance with US Immigration Laws. Please note, International Student Services is not a legal service and does not supply legal immigration advice.

DUGAN LIBRARY

The Dugan Library, located within the Dugan Library and Campus Center complex, is the university's center of knowledge management. It offers students a central, inviting and comfortable place to conduct research, receive individual or group instruction, and obtain assistance with assignments. Two computer labs are available for students as well as access to the campus Wi-Fi network. Students may use the computers to access research databases, Web-based resources, type papers, check e-mail and print assignments and other needed documents.

Dugan Library provides high-quality research resources both in print and online. Thousands of print books are available for 30 day check out and millions of full-text articles are available for immediate download and use by students and faculty. Books not owned by Dugan Library may be borrowed from a network of thousands of libraries across the country. Copies of articles that are indexed but not available full-text in the databases may also be requested by students. This service is provided at no charge for current students and faculty. In addition to books, periodicals, databases, and videos, the library also has a digital video camera, projectors and laptops for students to check out for use in class presentations and other events.

The first floor houses magazines, journals, reference materials and videos, as well as public computers, a classroom for library instruction and the main circulation desk. The second floor is a designated quiet area with study rooms for group and individual use. Books available for check out are located on the second floor.

There are two special collections at Dugan Library. The Education Library provides curriculum materials (K-12) and children's literature for students preparing for careers in education. The Newman Collection is comprised of materials by and about the University's namesake, John Henry Cardinal Newman.

SERVICE LEARNING

An orientation toward service is an integral part of the Newman University experience. We are dedicated to helping students grow in their understanding of the interdependence of our global society and in their sense of civic responsibility. Students will have many opportunities to participate in service.

Each year, several student applicants travel to different areas of the country or world to serve those in need. These mission trips have been to a variety of places such as the inner city of Chicago, a Navajo reservation at Crownpoint, N.M. and a Franciscan mission in Guaymas, Mexico.



CAMPUS MINISTRY

The Campus Ministry program offers a variety of programs and services, throughout the academic year, to all students. While Newman University is a Catholic institution, many of our students are not Catholic. The university is committed to providing a range of activities and services that meet the needs of students of many faiths.

For Catholic students, there is the opportunity to participate frequently in the celebration of the Eucharist or communion service. The Campus Ministry Office sponsors reconciliation services, scripture study, RCIA and service opportunities.

The Campus Ministry program is committed to the spiritual formation of Newman students. This reflects the university's commitment to go beyond the concept of instruction in the classroom or education within the institution.

It encompasses a commitment to help students become all they are capable of being through the development of sound moral principles and beliefs based on a Christian conscience.

STUDENT ORGANIZATIONS

Newman University recognizes a variety of student clubs and organizations that encourage engagement and involvement on campus. Registered Student Organizations (RSOs) agree to uphold the mission of the university, abide by the rules and regulations stated in the Registered Student Organization Manual, and are responsible for all behavior and actions of the organizations and its members. All student organizations are required to register with the Student Activities Office at the beginning of each academic year.

Student Leadership Organizations

CAMPUS ACTIVITIES BOARD (CAB): The Campus Activities Board is a student-led event programming organization at Newman University. CAB provides social, multicultural, recreation and educational activities for the University's students and other interested members of the campus community.

FIRST YEAR EXPERIENCE LEADER (FYE): The First Year Experience (FYE) Program is designed to holistically address the developmental needs of new students and families in the college transition process. FYE and its related programs are designed and implemented to offer a comprehensive student and parents experience that

STUDENT LIFE

introduce education, social and personal resources to facilitate the success of new students.

RESIDENT ASSISTANTS: A group of students who work together in the residence halls to provide assistance and ensure that all residents have a beneficial experience.

STUDENT GOVERNMENT ASSOCIATION (SGA): The Student Government Association (SGA) is the governing body for Newman University students. SGA is responsible for governing student interests, advocating for student concerns, providing support and recognition for registered student organizations, and serving students by hosting activities and events that enhance Student Life.

STUDENT MINISTERS: A group of students who develop and coordinate spiritual programs and activities for other students.

HEALTH INSURANCE

International students are required to have health insurance throughout their stay at Newman University. The premium (cost) of the health insurance policy will be automatically billed to the student's account each semester.

Additional information regarding health related issues can be found in the Newman University Student Handbook Planner.

STUDENT CENTER

The Student Center is located in the Dugan Library and Campus Center building. The Student Center serves as a central gathering space for students. The area features pool tables, foosball, a fireplace lounge, computer lab, large screen televisions and wireless internet access.

STUDENT RESPONSIBILITY

The Student Handbook contains a listing of student rights and responsibilities. The Student Handbook augments this catalog and provides further information regarding student experiences at Newman University. Copies of the Student Handbook are available in the Academic and Student Affairs Office.

STUDENT CODE OF CONDUCT

The Student Code of Conduct at Newman University promotes student learning and development and a campus culture of respect and responsibility. We aim to encourage a community of acceptance and accountability by creating processes and policies designed to resolve conflict in an appropriate manner. We work collaboratively with students, faculty, staff, and community partners to communicate expectations and address concerning behaviors and potential violations of University policy and connect students to helping resources for education, empowerment, and encouragement of behavior change. Students are expected to observe what is going on around them and respond to the best of their ability, which may include notifying University officials, to influence a better outcome. Similarly, students are expected to report potential code violations to the appropriate authorities. It shall be the responsibility of each student to comply with appropriate standards of conduct and decorum befitting members of an educational community, to interact in a civil manner with other members of the University community, and to respect the property of others. Student conduct, individual and that of student groups, is expected to be in keeping with the University mission and the missions of the respective areas or offices (e.g., Athletics, Student Activities, Residence Life, Campus Activities Board Programs, etc.).

VOTER REGISTRATION

Voter registration forms are available in the waiting area for the Financial Aid Office, Student Accounts Office and Registrar's Office. All students are encouraged to register to vote in order to participate in the electoral process.

EXPENSES & FINANCIAL AID

EXPENSES

The following expenses and fees are effective for the 2020-2021 academic school year. The university reserves the right to increase or otherwise change tuition rates, fees and other charges at any time prior to the beginning of any semester.

ROOM AND BOARD PER SEMESTER

Full-time students are required to live in the university housing facilities during their first four semesters of enrollment or until junior standing is attained. The housing policy should be consulted for exemptions to this policy.

Full meal service will be provided except during scheduled university close-down periods. Refer to the student handbook for specific dates.

Freshman and Sophomore Housing Policy

Newman University has a freshman and sophomore on-campus living requirement. Students that meet the following criteria may apply for an exemption to the policy by filling out and mailing or faxing the Off-Campus Waiver Request and Parent/Guardian Permission Form available on the Residence Life Forms section:

- Live within a 30 mile radius of the main Wichita campus with a parent/guardian
- Are 21 years of age or older
- Have reached Junior class standing credit hours (60+ credit hours successfully completed prior to the start of the fall semester)
- Are married
- Have a child that lives with them
- Are a veteran of the Armed Forces who has served a full tour of duty

Room Rates

Please see the Newman University website for up to date information regarding room rates.

Meal Plans

Please see the Newman University website for up to date information regarding meal plan options and pricing.

TUITION PER SEMESTER —UNDERGRADUATE

Tuition for each credit hour if enrolled for 1–11 credit hours \$1,049

Flat tuition rate if enrolled for 12–18 credit hours \$15,725

Tuition for each credit hour
Above 18 hours \$1,049

Audit tuition per credit hour \$110

WORKSHOP RATE \$167 PER CREDIT HOUR

EDUCATION-RELATED FEES

Undergraduate application fee	\$25
Non-refundable UG admission deposit	\$100
Non-refundable housing deposit	\$75
WInstitutional technology fee per credit hour	\$23
Infrastructure and Support fee per credit hour. .	\$12
Student activity fee**	\$355
Facility fee**	\$75
New undergraduate orientation fee per student\$.	\$160 (new first time student and transfer)
Examination/evaluation fee	\$30
Verification of nontraditional credit fee per credit hour	\$50
Graduation fee	\$100
Late Payment fee*	\$160
Transcript fee	\$8

* For students who fail to pay their tuition in full or who are not signed up with the NBS payment plan.

** Required of any undergraduate student enrolled for 6 or more credit hours on campus OR any student who resides in on-campus housing.

Each student must provide textbooks and supplies required.

NEWMAN UNIVERSITY STUDENT FINANCIALS RESPONSIBILITY STATEMENT

Agreement of Student Financial Responsibility

MY RESPONSIBILITY

I acknowledge that enrolling for courses at Newman University constitutes a financial obligation to the University. I understand and agree that I have personal financial responsibility for the payment of all tuition, fees, and other Newman University charges on my student account relating to my enrollment and/or attendance. I understand that, regardless of any expected reliance on any third-party resources, including but not limited to financial aid, family resources, employer reimbursement, government assistance or any other external resources, I remain personally and solely responsible for paying any and all outstanding balances.

Student Age

I understand and agree that if I am younger than the applicable age of majority when I execute this agreement that the educational services provided by Newman University are a necessity, and I am contractually obligated pursuant to the “doctrine of necessities.”

Bills

After I enroll, I understand that my bill will be made available online and I will be sent notification of its availability to my University (@newmanu.edu) e-mail address. If I do not receive an e-mail notification, I agree that I am still responsible for the required payment and it is my responsibility to log into JetStream to view and pay any and all charges by the due date.

The current published tuition and fees schedules are available on the Newman University website as well as it is listed in this course catalog. Tuition and fees charges are subject to change every semester.

Third-Party Sponsors or Financial Aid

If I expect third party sources or financial aid to pay all or part of my financial obligation to the University, I understand that it is my responsibility to meet all requirements of grantors, lenders, employers, and other third parties on a timely

basis to ensure disbursement of financial aid or sponsorships to my student account. I understand that if my financial aid or sponsorship is reduced or cancelled for any reason, I remain responsible for any outstanding balance and for reimbursing to the University any amounts that I am not eligible to receive. I also agree that Newman University may discuss my account with any third party sponsors.

Payment Due Date

Tuition balance due dates are listed in the Schedule of Courses for each semester and online on the Tuition and Fees page. Students who enroll after said due dates will have 30 days to pay their balance.

Payment Plans

Newman University is pleased to offer the NBS monthly payment plan to enable students to more easily afford their educational expenses. NBS is a payment management plan that provides students with a low cost option for payment of tuition and other educational expenses. It is not a loan program; therefore, there is no debt, there are no interest or finance charges assessed and there is no credit check.

The NBS plan provides students with the flexibility in meeting their financial obligations to Newman University. With early registration and enrollment in the NBS plan, students have the opportunity to eliminate down payment and extend monthly payments up to six months for a semester plan or 12 months for an annual plan. Detailed information about the plan is available online as well as in the Student Accounts Office.

Late Fees

I understand Newman will assess a \$160 late payment fee for the first month each term for any unpaid tuition and fee balances and 1.5% monthly interest if I fail to pay in full or set up a payment plan by the due date.

Tuition Adjustment and Withdrawals

Upon withdrawal from the University, after the drop period, I may be eligible for a refund. The amount of refund due is subject to the official withdrawal date. I understand that the refund schedule is applied to tuition and room and board charges **only**. Fees and other charges are non-refundable when a student withdraws from a class. I understand that not attending class does not constitute an official withdrawal. A student who leaves the University without an official withdrawal or who is suspended or dismissed from the University is not

entitled to a refund except as required by federal regulations. I understand that it is my responsibility to withdraw from the University within the appropriate deadlines for any semester to avoid financial obligation.

I understand that a refund may only be available if a student completely withdraws from Newman University. There is no refund given for an individual course withdrawal. Information on dropping or withdrawing can be found in the line schedule of courses.

Refunds

Students with credit balances, after the posting of all charges and financial aid, are entitled to a refund. Refunds are mailed to the student at the current address on file. Refunds are issued only after verification of enrollment and class attendance. Refunds are mailed out within two weeks of the date that the credit is applied to the student's account.

Students with credit balances may choose to leave all or any part of their credit balance on their account. Students must notify Student Accounts in writing of this decision.

Any credit balance \$1.00 or less will not be refunded.

2020-2021 refund Schedule:

For 16 week sessions:

Prior to and including the 5th day of the term 100% Refund
 After 5th day up to and including the 10th day of the term 90% Refund
 After 10th day up to and including the 20th day of the term 75% Refund
 After 20th day up to and including the 30th day of the term 50% Refund
 After 30th day of the term no refund will be given

For 8week sessions and less (including continuous terms):

Prior to and including the 5th day of the term 100% Refund
 After 5th day up to and including the 10th day of the term 50% Refund
 After 10th day of the term no refund will be given

Placement of Financial Holds

I understand Newman University will place a Financial Hold on my student record if I fail to pay all charges assessed to my student account by the due date. I also understand this Financial Hold will prevent the release of my academic transcripts and diploma and will prevent me from enrolling in future semesters until the debt has been paid in full.

Billing Disputes

I understand that if I believe a charge on my bill is incorrect, it is my responsibility to contact the department or office that has assessed the charge.

Collection Activity on Past Due Accounts

I understand that if my account becomes delinquent, Newman University reserves the right to pursue legal action against me, to transfer my delinquent account to a collection agency/third party service and/or report any delinquency to credit bureau(s). In addition to my outstanding balance, I agree to pay the University's costs and fees, including attorneys' fees and the fees of third party servicers/collection agencies, incurred in any litigation or collection activity resulting from my failure to pay.

Bankruptcy

I acknowledge that the enrollment action constitutes a financial obligation between me and the University and all proceeds of this agreement will be used for educational purposes and constitute an educational loan pursuant to 11 U.S.C. §523(a) (8). I understand and agree educational and related fees that are charged to my student account are non-dischargeable in bankruptcy absent an undue hardship determination will remain due after the bankruptcy is discharged, pursuant to United States Bankruptcy Code, 11U.S.C. §523(a) (8).

Appeals

I understand that there is not an appeals process for outstanding balances.

Business and Communication

I authorize Newman University and its agents, representatives, attorneys, and contractors (including collection agencies) to contact me at the current or any future mobile phone number, home phone number and email address I provide to Newman University, including by way of automated telephone dialing equipment, or artificial or prerecorded voice or text messages, for purposes of University business, including collecting any portion of my student financial obligation which is due or past due.

POLICY FOR FEDERAL FINANCIAL AID RECIPIENTS WHO WITHDRAW FROM NEWMAN UNIVERSITY

Complete Withdrawal/Drop from all classes:

If you completely withdraw/drop from all of your classes, both you and Newman University (NU) may be required to repay some or all of the federal financial aid you have received for the semester. If you withdraw/drop, the Financial Aid Office is required by federal law to determine whether your NU refund should repay a portion or all of the financial aid that you received. If you completely withdraw/drop prior to the start of your courses or never attend any of your classes, all federal financial aid – including loans – will be returned to the federal aid programs.

After you withdraw/drop, if NU is required to return more money than is available from any tuition refund, you will be required to pay that difference to the Student Accounts Office.

What would happen if I failed to repay this aid?

If you fail to repay your portion of the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (SEOG), Federal Direct Subsidized or Unsubsidized Loan, or the Federal Teacher Education Assistance for College and Higher Education Grant, (TEACH) within 45 days, you will lose your eligibility to receive future federal and state aid. You will be reported to the Department of Education (ED) as an overpayment.

Partial Withdrawal

Withdrawing/Dropping courses within the term may require you to repay all or part of the federal aid you received. If you are considering dropping a class, it is important to visit with the Financial Aid Office before dropping to determine the impact on your financial aid.

Official Withdrawal/Drop

The student notifies the institution (usually the Registrar's Office) of their intent to withdraw and completes the withdrawal process. The student's withdrawal date is the date the student notifies NU of his/her withdrawal. The Financial Aid Office will use the withdrawal date to determine if financial aid needs to be adjusted. In the case of a student withdrawing completely from NU, the withdrawal date is determined by the date the student notifies the Registrar's Office.

Unofficial Withdrawals

For students who do not begin the official withdrawal process or receive all F's for a term, the withdrawal date will be the term midpoint (50%) or last date it was determined the student attended an "academically-related activity" whichever is latest. Academically related activities include:

- Physically attending a class where there is an opportunity for direct interaction between the instructor and students;
- Submitting an academic assignment;
- Taking an exam, an interactive tutorial, or computer-assisted instruction;
- Attending a study group that is assigned by the institution;
- Participating in an online discussion about academic matters; or
- Initiating contact with a faculty member to ask a question about the academic subject studied in the course.

NU is required to determine the withdrawal date for withdrawal within 30 working days of the end of the period of enrollment, the academic year, or the program - whichever is earliest. The date of withdrawal is used in determining how much aid a student has earned.

Reducing Enrollment Levels

The Financial Aid Office monitors enrollment levels (number of credit hours taken) each term. If you drop courses and fall below the minimum credit hour requirements, you may be required to repay all or part of the aid you received. Any pending disbursement of your Federal Direct Subsidized, Unsubsidized loan(s), Grad PLUS, and/or PLUS loan(s) may be cancelled if you withdraw or drop below half-time enrollment.

Additionally, the grace period on your Federal Direct Subsidized and Unsubsidized loans and Federal Perkins loans will begin once you withdraw or drop below half-time enrollment (six credit hours-undergraduate; three credit hours-graduate). Federal Direct Subsidized and Unsubsidized loan borrowers have a six-month grace period before payments are required. Federal Perkins borrowers have a nine-month grace period. If you withdraw or drop below half-time enrollment, and you have a Federal Subsidized or Unsubsidized, or GRAD PLUS loan, you should contact your loan servicer. If you have a Federal Perkins loan, you should contact the Newman University Student Accounts Office at (316) 942-4291 ext. 2168.

Future Financial Aid Eligibility/Scholarships (SATISFACTORY ACADEMIC PROGRESS) Dropping any number of credit hours or withdrawing completely can affect your future eligibility for financial aid because you may not meet Satisfactory Academic Progress (SAP) standards. All institutional scholarships require a completion of 24 credit hours per academic year. If students drop below the required hours they will be put on warning the following semester. If students do not meet standards during this “warning” semester, they will become ineligible to receive the institutional scholarship. Students may file an appeal through the Financial Aid Appeals Committee. Please refer to the SAP policy in the catalog or visit the Financial Aid Office for more information.

Return of Federal Financial Aid Funds for Title IV Recipients

The Financial Aid Office at NU is required by the Department of Education (ED) to recalculate federal* financial aid eligibility for students who withdraw, drop out, or are dismissed prior to completing 60% of the semester. This is the required federal refund policy and does not take into account NU’s institutional refund policy. The return of funds for Title IV recipients is a federally mandated calculation, which calculates the portion of federal loans and grants the student was entitled to earn by comparing the total number of calendar days in the term to the number of days completed before the student officially or unofficially withdrew.

If NU is required to return more money than is available from any tuition refund, then the student will show unpaid tuition and will be asked to pay that difference to the Student Accounts Office. Students may be required to repay funds directly to the ED, if repayment is not received within 45 days. The Financial Aid Office may collect funds on behalf of the ED within the first 45 days of withdrawal.

Recalculation will be based on the percentage of earned aid using the following formula:

The amount of Title IV financial aid that a student earns is determined by multiplying the percentage of the payment period completed by the total amount of Title IV aid disbursed or that could have been disbursed. The percentage completed is determined by the total days in that semester.

Days attended in the semester / Days in the semester = Percentage completed total

If the percentage completed exceeds 60% or less,

federal regulations state that the percentage earned is the same as the percentage completed. Compare the amount of financial aid earned and the amount already disbursed to the student to determine the amount of financial aid that is unearned. If the amount earned is less than the amount disbursed, Title IV financial aid must be returned.

Refund Distribution – Prescribed by Federal Law and Regulation

The refund is applied to the programs in the order they are listed:

1. Federal Direct Unsubsidized Loan
2. Federal Direct Subsidized Loan
3. Federal Direct Graduate PLUS Loan
4. Federal Direct Parent PLUS Loan
5. Federal Pell Grant
6. Federal Supplemental Educational Opportunity Grant (SEOG)
7. Federal Teacher Education Assistance for College and Higher Education Grant (TEACH)
8. Other Title IV Aid Programs

*Federal financial aid consists of Federal Pell Grant, Supplemental Educational Opportunity Grant (SEOG), Teacher Education Assistance for College and Higher Education Grant (TEACH), Perkins Loan, Direct Unsubsidized Loan, Direct Subsidized Loan, and Graduate PLUS and Direct Parent PLUS Loans.

FINANCIAL AID Awarding Policy

The Financial Aid Office at Newman University assists academically capable and qualified students who might otherwise be unable to obtain an education at the university. The Financial Aid Office provides aid to all students with documented financial need without regard to race, color, creed, sex, handicap, and national or ethnic origin.

Newman University expects the parents and student to contribute what they can toward the cost of the student’s education. To the extent that funds are available, awards to meet financial need—costs over and beyond the family contribution—will be arranged in a financial aid package, containing both gift and self-help forms of assistance, which will best serve the student. Consideration for aid is given first to students who meet the priority deadline for the submission of the Free Application

EXPENSES & FINANCIAL AID

for Federal Student Aid and completion of their financial aid file.

To be considered for financial aid, applicants must (1) complete admission procedures, (2) submit the Free Application for Federal Student Aid, (3) submit any supplemental forms and (4) enroll in an eligible program or be degree-seeking. A student's financial aid is based on full-time enrollment unless otherwise noted on the award letter.

Student aid funds are made available only for purposes directly related to obtaining an education at Newman University, including tuition and fees, books and supplies, room and board, transportation and modest personal expenses. Classes being taken must be going toward an eligible academic program.

Should a student receiving federal funds find it necessary to withdraw from courses at Newman, the appropriate federal program must be refunded per the federal refund policy.

Satisfactory Academic Progress Requirements

U.S. Department of Education regulations require that Newman University establish Satisfactory Academic Progress standards for federal and state financial aid recipients. Students receiving Federal Pell Grants, Federal Supplemental Educational Opportunity Grants, Federal Work Study, any Federal Direct Loan Programs, and/or other federal or state aid must meet the following standards to ensure that only those students demonstrating Satisfactory Academic Progress towards the completion of their educational programs continue to receive financial aid.

The standards of Satisfactory Academic Progress measure a student's performance in three areas: Qualitative Evaluation (cumulative grade point average), Quantitative Evaluation (cumulative completion rate), and Maximum Time Frame. Satisfactory Academic Progress will be measured at the end of every semester. Notification of failure to maintain Satisfactory Academic Progress will be mailed to the student's permanent address after the grades are posted.

QUALITATIVE EVALUATION (Cumulative GPA):

The Financial Aid Office evaluates grade point average as the measure of Qualitative Satisfactory Academic Progress (SAP) assessed by the Registrar's Office. Evaluation of SAP occurs after each

semester (fall, spring, or summer). A student who is a recipient of Federal Title IV program funds during the semester will be evaluated. If the student meets GPA standards used by the Registrar, they are considered to meet Financial Aid SAP for the Qualitative Evaluation component.

Undergraduate	2.00 GPA
Graduate	3.00 GPA

QUANTITATIVE EVALUATION (Completion Rate/PACE):

The Financial Aid Office evaluates the Quantitative Satisfactory Academic Progress (SAP) by reviewing the cumulative rate of credit hours successfully completed as a percentage of total hours attempted. A student receiving Federal Title IV program funds must be progressing toward a degree or certificate. Transfer credit hours that apply to any degree or certificate at Newman University will be counted in the evaluation formula. Students must complete a minimum of 67% of the cumulative credit hours attempted. The Financial Aid Office considers remedial or developmental credits in the calculation. Grades that qualify toward successful cumulative completion are A, B, C, D, and P. Grades that do not qualify are F, WD, and IN. A grade of IN, once the course is completed, will then be considered in evaluation of progress.

MAXIMUM TIMEFRAME: Federal regulations limit a student's eligibility for federal financial aid to no more than 150% of the published length of the educational program. All attempted, withdrawn, and/or transferred credits that apply to a student's program count toward this maximum time limit. If a student changes majors or degrees, the student may request that the timeframe be reevaluated for the new program.

Examples of maximum timeframe:

Associate's Degree	62 required hours – max timeframe reached at 93 attempted hours
Bachelor's Degree	124 required hours – max timeframe reached at 186 attempted hours

Transfer Hours: All transfer students applying for financial aid must meet the minimum standards described above. Financial aid will be held until transcripts from all schools attended by the student have been received and reviewed. It is required by federal regulations that all periods of enrollment be reviewed whether or not aid was previously received.

Financial Aid Warning: At the conclusion of each semester (including summer), all students receiving Title IV aid will be evaluated to determine whether or not they are maintaining Satisfactory Academic Progress (SAP). If the student is failing to meet SAP standards, the student will be placed on Financial Aid Warning for the following semester (for which the student is enrolled). Warning status will not prevent the student from receiving financial aid. If the student meets the minimum SAP standards during the warning period, the warning is then resolved with no further action. Students who are placed on Financial Aid Warning will receive written notification from the Financial Aid Office of their status.

Financial Aid Suspension: If at the end of the warning period the student again fails to meet the minimum SAP standards, the student will be placed on Financial Aid Suspension and cannot receive the assistance of federal or state financial aid. Students placed on Financial Aid Suspension (with the exception of those placed on Financial Aid Suspension for maximum timeframe) may have their aid reinstated when all Satisfactory Academic Progress deficiencies have been met. A request of reinstatement will need to be made in writing. Students who are placed on Financial Aid Suspension will receive written notification from the Financial Aid Office of their status.

Appeal Process & Probation Status: Students who are suspended from financial aid may submit an appeal of the suspension if there are extenuating circumstances affecting the student's performance. Extenuating circumstances include (but are not limited to) illness, severe injury, or death in the family.

Appeal forms are available in the Financial Aid Office and are also included with the notification of Financial Aid Suspension. Appeals must be submitted a minimum of two weeks prior to the next term of enrollment or by the deadline specified in the notification. Appeals received after that date may not be considered.

Incomplete appeals will not be considered. Appeals must include the appeal request form, a signed, typed personal statement, a current mailing address, and a complete unofficial transcript printed from Jetstream. If appealing due to Maximum Timeframe Suspension, a Degree Plan will be required. The Degree Plan must be completed with the assistance of and signature of the student's advisor. The Degree Plan will be in addition to the items listed above.

Appeals will be reviewed by the Financial Aid Appeals Committee. If an appeal is approved and the student will be able to meet SAP standards by the end of the next enrollment period, the student will be placed on Financial Aid Probation. Students who are attending on Financial Aid Probation must successfully meet the minimum SAP standards by the end of the probation period to ensure continuation of financial aid eligibility.

The Financial Aid Office has the option based on professional judgment, to require a student placed on Warning or Probation to complete an Individual Academic Plan. The Individual Academic Plan will ensure the student is moving toward SAP in a specified timeframe. This may include one or more of the following: referral to support services, a reduced course load, scheduled counseling sessions, or adjustments to financial assistance. Students are expected to follow their Individual Academic Plan.

Appeal decisions will be e-mailed to the student following the Financial Aid Appeals Committee meeting. Aid will be based on available funding at the time of reinstatement.

All decisions of the Financial Aid Appeals Committee are FINAL. In the case of Financial Aid Suspension due to Maximum Time Frame, aid eligibility cannot be reinstated by student performance if the student's appeal is denied by the committee.

Financial Aid Warning, Probation, and Suspension are separate from Academic Probation and Suspension, which are monitored by the Registrar's Office.

STUDENT EMPLOYMENT

Part-time jobs are available on campus and off campus through both the Federal Work-Study Program and the Newman University Employment Program. Students are also assisted in locating off campus jobs through Student Services.

STUDENT LOANS

Federal Direct Subsidized Loans are available and awarded based on need. Federal Direct Unsubsidized Loans, Federal Direct Parent Loans for Undergraduate (PLUS), and Federal Direct Graduate PLUS Loans are available and are not need based. A separate credit check is required for all Federal Direct PLUS loans. To be eligible for loans, undergraduate students must be enrolled in 6 credit hours per term and graduate students must be enrolled in 3 credit hours per term.

FEDERAL GRANTS

FEDERAL PELL GRANTS—The need-based Federal Pell Grant is awarded through the U.S. Department of Education. Students enrolled may be eligible for awards up to \$6,345 (2020-2021) in an academic year.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (SEOG)—The need-based SEOG supplements other forms of assistance following guidelines provided by the Department of Education. The grants up to \$1,000, are awarded to students with the greatest financial need and have Federal Pell Grant eligibility. Awards are subject to fund availability.

FEDERAL TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT—Provides up to \$4,000 a year in grant assistance to students who are completing or who plan to complete course work needed to begin a career in teaching. In exchange for the grant, students must sign an Agreement to Serve as a full-time teacher at certain low-income schools and within certain high-need fields for at least four academic years within eight years after completing (or ceasing enrollment in) the course of study for which the candidate received a grant. If the grant recipient fails or refuses to carry out his or her teaching obligation, the amounts of the Federal TEACH Grants received will be converted to Federal Unsubsidized Direct Loan and must be repaid with interest that would have accrued since time of disbursement.

Recipients must have a cumulative GPA of 3.25 and must be accepted into an eligible program at Newman University. (Elementary Education, Secondary Education, Early Childhood Unified, ESOL Curriculum and Instruction, Reading Specialist Curriculum and Instruction.) Due to Sequestration, any Federal TEACH Grant first disbursed on or after Oct. 1, 2019 could receive a maximum award of \$3,764.

KANSAS AID PROGRAMS

KANSAS COMPREHENSIVE GRANT

—The Kansas Legislature has established the Comprehensive Grant to help offset the cost of private education for Kansas residents who choose to attend Kansas independent colleges and universities such as Newman. The need-based award for 2020-2021 is scheduled to be worth up to \$3,500. The Comprehensive Grant is administered by the Kansas Board of Regents. To be considered for the award, students must complete the Free Application for Federal Student Aid (FAFSA) by the priority deadline and complete all of

the requirements while funding is still available. Students may receive the award for a maximum of eight semesters.

OTHER KANSAS PROGRAMS—The Legislature has established the Kansas Minority Scholarship, the Kansas Teacher Scholarship, Kansas State Scholar and the Kansas Nursing Scholarship programs. Each program requires applicants to meet eligibility requirements, to submit a separate scholarship application and supporting documents appropriate to each program and to complete the FAFSA.

UNIVERSITY SCHOLARSHIPS / GRANTS

The University Scholarships and Grants program provides university aid for full-time enrollment for the fall and spring semesters. The scholarships and grants are available for use in flat-rate tuition programs only.

General Scholarship Information

For Newman scholarships and grants, full-time student status is defined as enrolled in 12 credit hours per term. Students must earn 24 or more credit hours per academic year.

Institutional scholarships apply to tuition and fees only, unless otherwise specified.

Students must maintain a 2.0 cumulative GPA (CGPA) unless specified differently in the award renewal criteria.

Transfer students who have less than 24 credit hours must also provide their high-school transcripts. Any scholarship or grant decision will be based on review of both college and high school transcripts and ACT/SAT scores if applicable.

By law, scholarship amounts may be amended based on financial need as well as merit.

Full-tuition grant recipients will only receive scholarships up to the flat rate amount per semester, not automatically their full tuition.

The institution encourages students to fill out the Free Application for Federal Student Aid in order to receive institutional scholarships (See Financial Aid).

The university, through the enrollment management team, reserves the right to review and revise the scholarship and grant programs as needed.

Saint John Henry Newman Scholarship (formerly John Henry Cardinal Newman scholarship)

Eligibility:

First time, full-time freshmen who have demonstrated outstanding academic performance and community involvement. Recipients must complete 32 hours of community service each Fall and Spring semester. (64 hours per academic year). Limited number of students selected. Recipients must live on campus.

Application process: Based on a competitive selection process.

Renewable: For a total of 8 semesters based on a continued 3.4 NU cumulative GPA and full-time enrollment. (Must complete 24+ hours each academic year.)

Award: Full-tuition (flat rate) scholarship. Student must live on campus.

National Merit Scholarship

Eligibility: Any incoming freshman who has been recognized as a National Merit finalist. Recipients must live on campus.

Application process: Application for admission and transcripts needed

Renewable: For a total of 8 semesters based on a continued 3.5 NU cumulative GPA and full-time enrollment. (Must complete 12+ hours each semester.)

Award: Full tuition (flat rate)

Freshmen Academic Scholarships

Awards are based on a student's performance on the ACT or SAT score and high school grades. Other factors may be taken into consideration.

Renewable: For a total of 8 semesters based on a NU cumulative GPA range and full-time enrollment. Must enroll in 12 credit hours per term and earn 24 credit hours per academic year.

Award: Ranges from \$11,000-\$15,000

Transfer Scholarships

Academic awards are based on a student's transfer GPA. Other scholarships may be available for transfer students depending on their financial need.

Renewable: For a total of 4 semesters based on a NU cumulative GPA range and full-time enrollment. Must enroll in 12 credit hours per term and earn 24 credit hours per academic year.

Award: Transfer students are offered various scholarship packages

ASC Community Leader Scholarship

Eligibility:

First time, full-time freshmen with a high school GPA: 3.0+ and outstanding service record. Deadline Dec. 1. Recipients must complete 45 hours of community service each Fall and Spring semester. (90 hours per academic year)

Application process: Special application (available in Admissions Office), including a resume of service and letter of recommendation

Renewable: For a total of 8 semesters based on a continued full-time enrollment, cumulative GPA of 2.75 and full participation in the Community Leader Program. Must enroll in 12 credit hours per term and earn 24 credit hours per academic year.

Award: \$17,500

Athletic Scholarship

Eligibility:

Full-time students (12 credit hours per term) who are involved in varsity athletics

Renewable: Must meet NCAA eligibility. Must earn 24 credit hours per academic year and maintain a 2.0 cumulative GPA.

Award: Amounts vary

INSTITUTIONAL SCHOLARSHIP AWARDING

The total financial aid package for individual students is based on several criteria. Academic merit, cocurricular/athletic talent and financial need as well as whether the student lives on campus or off-campus are factors that are considered when determining the maximum institutional awards for each student. Adjustments may need to be made if one of these factors changes. If a student is receiving full tuition or full tuition and fees scholarships/grants/educational benefits from an outside organization or employer, they will not be eligible for institutional scholarships/grants. Please see the Financial Aid Office for more information.

ADJUSTMENTS TO COLLEGE AWARDS

Due to federal and state regulations that prohibit awarding more money than a student's documented financial need, some students may have their university award adjusted—depending upon the outcome of their needs analysis and eligibility for other types of financial aid.

EXPENSES & FINANCIAL AID

Students may appeal for an extension of their institutional scholarship due to not meeting the minimum GPA requirements, not earning 24 credit hours in an academic year, or unable to complete degree within 8 semesters (first-time students)/ 4 semesters (transfer students) by completing an appeal request form and submitting it to the financial aid review committee. Deadlines for appeal submission are as follows:

Fall	Spring	Summer
August 1	January 3	May 22

OTHER EXTERNAL SCHOLARSHIPS

Students often have access to scholarships provided by a parent's place of employment, churches, service clubs, other organizations, and foundations. All applicants are encouraged to explore such possibilities.

Free scholarship search engines on the Internet include: www.fastweb.com and www.finaid.org.

STUDENT LOAN INFORMATION

LOAN TYPES	INTEREST	FEES RATE	AMOUNTS	REPAYMENT AVAILABLE
FEDERAL DIRECT SUBSIDIZED LOAN (Undergraduate)	0% while in school. Tentatively the interest rate is 5.05% as of July 1, 2019. This is subject to change due to federal regulations. The interest begins immediately after graduation or when the student drops below half-time status.	1.059% origination fee deducted from your loan. First disbursement on or after 10/1/2019 before 10/1/2020.	Maximum amounts; Year 1, \$3,500; Year 2, \$4,500; Years 3-5, \$5,500. Aggregate totals: Dependent students \$31,000. Independent students \$57,500. If your program of study is less than an academic year, contact your school for loan limits.	Interest is paid by the federal government while the student is in school at least half-time and during the deferment periods. Repayment begins 6 months after graduation, withdrawal or dropping below half-time status. \$50 minimum monthly payment. Up to 10 years to repay.
FEDERAL DIRECT UNSUBSIDIZED LOAN (Undergraduate)	5.05% as of July 1, 2019.	1.062% origination fee deducted from your loan. First disbursement on or after 10/1/2019 before 10/1/2020.	For dependent students, the amount you borrow from the Direct Subsidized and Unsubsidized Loan programs combined cannot exceed the above limits. Maximum amounts; dependent students: years 1-5, \$2,000. Independent students may be eligible for additional Unsubsidized Stafford funds: Years 1-2, \$6,000; Years 3-5, \$7,000; Graduate, \$20,500.	The borrower is responsible for interest charges from the date the loan is disbursed. Repayment begins 6 months after graduation withdrawal or dropping below half-time status. \$50 minimum monthly payment. Up to 10 years to repay.
FEDERAL DIRECT UNSUBSIDIZED LOAN (Graduate)	6.60% as of July 1, 2019.			
FEDERAL DIRECT PLUS LOAN (Parents of dependent students and Graduate students)	7.60% as of July 1, 2019.	4.236% origination fee deducted from your loan. First disbursement on or after 10/1/2019 before 10/1/2020	Graduate and professional degree students must apply for maximum annual loan amount under the Federal Unsubsidized Stafford Loan Program. Loan amount is up to the cost of attendance minus other financial aid.	Repayment begins within 60 days after the loan is fully disbursed. Payments can be postponed while in school, via a request to the lender. \$50 minimum monthly payment. Up to 10 years to repay.
FEDERAL DIRECT CONSOLIDATION LOAN	Weighted average of all the loans you consolidate rounded up to the nearest whole percent.	No additional fees to the borrower.	Based upon the loans you consolidate.	Repayment may be based on a fixed, income sensitive or graduated repayment plan. The number of years you have to repay the loan depends on the outstanding student loan balance. For more information on consolidating your loans, contact your loan servicer.

STUDENT LOAN INFORMATION

Sample Repayment Chart for Federal Direct Loans

(Example based on 2019-2020 4.53%* during repayment period)

*Rate for Undergraduate students during 2019-2020

AMOUNT BORROWED	NUMBER OF PAYMENTS	PAYMENT AT TIME OF REPAYMENT	TOTAL INTEREST	TOTAL FINANCED
\$1,000	21	\$50	\$42	\$1,042
\$2,000	44	\$50	\$173	\$2,173
\$2,500	56	\$50	\$276	\$2,776
\$5,000	120	\$52	\$1,228	\$6,228
\$7,500	120	\$78	\$1,841	\$9,341
\$10,000	120	\$104	\$2,455	\$12,455
\$15,000	120	\$156	\$3,682	\$18,682
\$20,000	120	\$208	\$4,908	\$24,908
\$25,000	120	\$260	\$6,135	\$31,135
\$30,000	120	\$312	\$7,362	\$37,362
\$35,000	120	\$364	\$8,589	\$43,589
\$40,000	120	\$416	\$9,816	\$49,816
\$50,000	120	\$519	\$12,270	\$62,270
\$57,500	120	\$597	\$14,111	\$71,611

ACADEMIC INFORMATION

GOALS FOR BACCALAUREATE GRADUATES

Inspired by our Catholic identity and common mission to work together for the purpose of empowering our graduates to transform society, students will embark upon the interdisciplinary process of becoming more capable thinkers, lifelong learners, ethical actors, and advocates for justice and peace in our global society.

**Students completing a Newman University
UNDERGRADUATE DEGREE PROGRAM understand:**

The Human Story

The Creative Spirit

The Universe We Live In

The Quest for Meaning

**Students completing a Newman University
UNDERGRADUATE DEGREE PROGRAM can:**

Reason Effectively

Communicate Effectively

**Students completing a Newman University
UNDERGRADUATE DEGREE PROGRAM:**

Respect Dignity

Honor Integrity

Embrace Humanity

Participate in the Newman Community

Live in the Spirit of Critical Consciousness

NEWMAN STUDIES PROGRAM

Blessed Saint John Henry Newman presents his vision for a Catholic university education in his famous book, *The Idea of a University*. Newman extols the value of all the disciplines, from literature to science to business, but argues that they must be deeply rooted in the liberal arts and ultimately brought together in a pursuit of Truth and Goodness. For Newman, a university education should produce an enlargement of mind that allows the graduate not merely to succeed in society, but to elevate it. The Newman Studies Program encompasses the ideas developed by Blessed Saint John Henry Newman.

Every undergraduate who earns a baccalaureate degree at Newman University is required to complete the Newman Studies Program (NSP). The NSP is divided into three tiers (Skills Courses, General Education Courses and Capstone courses). Each tier supports the goals for the Newman baccalaureate graduate. Both the general education tier and capstone tier are divided into four areas: (i) The Human Story, (ii) The Creative Spirit, (iii) The Universe We Live In, and (iv) Quest for Meaning. A description of these four areas is described in the General Education Courses section below.

The NSP creates a common experience for Newman students of all majors and backgrounds and is designed to teach students how to think about the world around them in both disciplinary and interdisciplinary ways. The skills tier consist of intensive, skills-based courses which emphasize writing, speaking, mathematics and information technology to allow students to effectively engage college level coursework. The program continues with the general education tier. These courses offer students a body of knowledge and cultivate dispositions. In addition, they also intentionally address ways disciplines explore the world, define questions and posit answers. Finally, the capstone tier consists of a series of capstone courses which examines problems or issues that cross disciplinary boundaries. Here students will draw the elements of their education together, considering these problems or issues from the perspective of two or more disciplines as well as again practicing the skills necessary to be a successful student and citizen.

Students who enter Newman with an Associate of Arts or Associate of Science degree from a regionally accredited institution or a Baccalaureate degree from a regionally accredited 4-year institution are not required to take: (i) Skills Level Courses and (ii) general education level courses with the exception of theology and philosophy requirements. (Some majors may require a third course - please consult with an academic advisor). For clarity, in order to complete the Newman Studies Program, these students are required to take a maximum of 4 courses, which is 12 credit hours, meeting the following criteria:

1. One Theology Course from the list of General Education Quest for Meaning Courses
2. One Philosophy Course from the list of General Education Quest for Meaning Courses
3. *One Capstone Course from the Quest for Meaning (Course Identification Number: NSP 4703 QM)
4. *One Capstone Course that is philosophy focused, which can be taken from either the Human Story, Creative Spirit, or Universe We Live In. (An academic advisor will assist the student in determining which courses meet the requirement of a philosophy focused course).
 - Philosophy focused courses are generally taught or co-taught by a philosophy instructor.
 - Philosophy focused courses are labeled as either NSP 4153, 4353, 4553 or one of the following courses: EDUC 3113: Foundation and Philosophy of Education, or BSAD 3193: Business Ethics
 - Students graduating with a BSN meet this requirement through completing the nursing curriculum due to the heavy emphasis on ethics throughout the Nursing Curriculum.
 - Students graduating from the School of Education meet this requirement by taking EDUC 3113: Foundation and Philosophy of Education.

*** Course must be taken at Newman University**



SKILLS TIER

(4 courses, minimum 12 credit hours)

To fulfill the Skills Tier a student must complete the 4 required courses listed in the table below:

<p>Reason Effectively: The ability to reason effectively, quantitatively and qualitatively, is a skill not simply applied in an academic arena, but one that will benefit the graduate throughout his or her life. It allows graduates to assess evidence, make decisions effectively, and, perhaps most importantly, to know when there is insufficient evidence to make a reasoned argument. Students will demonstrate proficiency in thinking, expression, argumentation and communication.</p> <p>Communicate Effectively: Communication helps us to learn who we are and what we think. It is the language of the mind, a way toward helping us understand the human story, the creative spirit, the universe we live in, and the quest for meaning. Students will demonstrate effective written, verbal and nonverbal communication in various settings.</p>	<p>Required Courses COMM 1013 Oral Communication ENGL 1003 College Writing 1 ENGL 1013 College Writing 2 MATH 1043 College Algebra or MATH 1133 Math for the Liberal Arts (or any math course which has College Algebra as a prerequisite)</p>
--	---

GENERAL EDUCATION TIER

(8 courses, minimum 24 credit hours)

To fulfill the General Education Tier a student must complete:

- 3 courses from “The Human Story” list of courses
- 2 courses from “The Creative Spirit” list of courses
- 1 course from “The Universe We Live In” list of courses
- 2 courses from “The Quest for Meaning” list of courses (One Theology Course & One Philosophy Course)

Only one course from a discipline may be used, so that eight (8) different disciplines must be completed to satisfy general education requirements. Disciplines are defined by the prefixes to the courses. A course that is cross-listed counts toward both prefixes for this purpose (in other words, if a student takes a course cross-listed as history and political science, neither a second course in history nor in political science could be used to meet general education requirements).

No more than 2 courses from General Education may count towards a major.

<p>The Human Story (3 courses, minimum 9 credit hours)</p> <p>The human story is told by people about people. It encompasses all aspects of human existence: biological, personal, social. We explore this story through analysis, narration and, reflection.</p> <p>We live in community, organizing our world through relationships and social institutions. As thinking, feeling individuals, we understand the past, present and future through stories. Stories reveal us to ourselves as biological entities, particular individuals, and as members of a larger social whole.</p>	<p>Courses Which Meet Requirement</p> <p>ANTH 1003 Intro to Anthropology ANTH 1013 Cultural Anthropology CATH 1004 Greco-Roman Classics COMM 2103 Interpersonal Communication COMM 3013 Cross Cultural Communication CRJ 1013 Introduction to Criminal Justice HIST 1013 World Civilization 1 HIST 1023 World Civilization 2 HIST 1033 American History 1 HIST 1043 American History 2 HIST 3103 Ancient World HIST 3133 Medieval Europe HIST 4523 Rome: From Republic to Empire HIST 4553 Ancient Greece PSY 1013 General Psychology PSY 2003 Developmental Psychology SOC 1003 Principles of Sociology SOC 3013 Sociology of the Family SOC/CRJ 2003 American Minorities SOC/CRJ 3033 Juvenile Delinquency</p>
<p>The Creative Spirit (2 courses, minimum 6 credit hours)</p> <p>The creative spirit permeates and transforms the human experience. Through it, we imagine what is possible, recognize its spontaneity, and marvel at the beauty we experience. The creative spirit engages our imagination and expands our senses as it flows through us.</p>	<p>ART 1013 Art Appreciation ART 3503 Ancient Art ART 3513 Renaissance Art ART 4153 Modern Art ENGL 2003 Introduction to Literature and Criticism ENGL 3013 American Literature 1 ENGL 3023 Creative Writing ENGL 3033 American Literature 2 ENGL 3063 World Literature 1 ENGL 3163 World Literature 2 ENGL 4013 British Literature 1 ENGL 4053 British Literature 2 MUS 1043 Music Theory 1 MUS 2093 The Heritage of Western Music MUS 4083 Musical Theatre THTR 1043 Introduction to Theatre THTR 3653 Theatre History</p>

<p>The Universe We Live In (1 course, lab component required, minimum 3 credit hours)</p> <p>Scientific reasoning and discovery have transformed the way we think about the world around us and our place within it. At the same time, cultural, historical and social factors provide context for scientific inquiry and are complementary paths toward understanding the universe in which we live.</p>	<p>BIOL 1001 Human Biology, Health, Environment Lab BIOL 1003 Human Biology, Health and Environment BIOL 1011 General Biology 1 Lab BIOL 1013 General Biology 1 BIOL 2051 Human Physiology Lab BIOL 2052 Human Physiology BIOL 3001 Primatology Lab BIOL 3002 Primatology CHEM 1001 Introduction to Chemistry Lab CHEM 1003 Introduction to Chemistry CHEM 1012 General Chemistry 1 Lab CHEM 1013 General Chemistry 1 PHSC 1001 Physics for Health Science Lab PHSC 1003 Physics for the Health Sciences PHSC 1004 General Physical Science PHSC 2011 Physics 1 Lab PHSC 2013 Physics 1 PHSC 2015 Calculus Based Physics 1 PHSC 3003 Earth & Space Science PHSC 3001 Earth and Space Science Lab</p>
<p>The Quest for Meaning (2 courses, 1 Philosophy, 1 Theology, minimum 6 credit hours)</p> <p>Each human person is created with a desire for truth. According to the Catholic tradition, that desire is matched by a God who reveals Himself, in part, through both nature and Scripture and completely in Jesus Christ. By drawing on both natural truths and revelation, the Catholic intellectual tradition seeks to understand creation, human life and the God who seeks us.</p>	<p>PHIL 1003 Introduction to Philosophy PHIL 2143 History of Ancient Philosophy PHIL 2163 History of Modern Philosophy PHIL 3033 Ethics THEO 1003 Introduction to Old Testament THEO 1013 Introduction to New Testament THEO 1033 Exploring the Bible THEO 1043 Catholic Doctrine and the Sacraments THEO 2043 The Catholic Imagination THEO 4123 Trinity and Incarnation</p>

CAPSTONE TIER

(4 courses, 12 credit hours, **must be taken at Newman University**)

These Capstone courses are interdisciplinary, often team-taught courses with relatively small enrollments (capped at 25) that examine a particular issue or problem. Prerequisites for these Capstone courses are sophomore standing and completion of the NSP Skills Courses.

To fulfill the Capstone Tier a student must complete:

- 1 “Human Story” Capstone Course
- 1 “Creative Spirit” Capstone Course
- 1 “Universe We Live In” Capstone Course
- 1 “Quest for Meaning” Capstone Course

NOTES:

- NSP 4703 (The Quest for Meaning) will be taught/co-taught by a Theology faculty member.
- Out of the 4 Capstone courses, one Capstone Course must be philosophy focused, which can be taken from either the “Human Story”, “Creative Spirit”, or “Universe We Live In”.
 - Philosophy focused courses are generally taught or co-taught by a philosophy instructor.
 - Philosophy focused courses are labeled as either NSP 4153, 4353, 4553 or one of the following courses: EDUC 3113: Foundation and Philosophy of Education, or BSAD 3193: Business Ethics
 - Students graduating with a BSN meet this requirement through completing the nursing curriculum due to the heavy emphasis on ethics throughout the Nursing Curriculum.
 - Students graduating from the School of Education meet this requirement by taking EDUC 3113: Foundation and Philosophy of Education.
 - No more than 1 course from the 4 capstone courses may count toward a major
 - Exception: Externally accredited programs (School of Education and School of Nursing and Allied Health) may count two capstone courses toward major requirements.

ACADEMIC INFORMATION

Capstone courses may be repeated with a change in topic/title.

	Courses Which Meet Requirement
The Human Story (1 course)	NSP 4103 HS (specific title) or EDUC 3363 Reaching & Teaching the Diverse Learner NSP 4153 HS (specific title) or BSAD 3193 Business Ethics
The Creative Spirit (1 course)	NSP 4303 CS (specific title) or NSP 4353 CS (specific title) or EDUC 3113 Foundation & Philosophy of Education
The Universe We Live In (1 course)	NSP 4503 UL (specific title) or NSP 4553 UL (specific title)
The Quest for Meaning (1 course)	NSP 4703 QM (specific title)

SCHOLARS DAY

The Newman Studies Program (NSP) affords students the opportunity to present an original, faculty supervised work to an audience of their peers. The presentation may occur during the official Scholars Day event (held each semester on the Newman University campus) or through another venue approved by the NSP committee. Students completing a bachelor's degree under the Newman Studies Program must enroll and successfully pass this course. This zero-credit hour course is graded pass/fail and is a requirement for graduation. Failure to complete Scholars Day will result in a grade of "F." No incompletes will be provided for this course.

MULTIPLE DEGREES

Students who enter Newman with a baccalaureate degree from regionally accredited colleges/universities who attend Newman University to obtain a second baccalaureate degree are not required to take: (i) Skills Level Courses and (ii) general education level courses with the exception of theology and philosophy requirements. (Some majors may require a third course - please consult with an academic advisor). For clarity, in order to complete the Newman Studies Program, these students are required to take a maximum of 4 courses, which is 12 credit hours, meeting the following criteria:

1. One Theology Course from the list of General Education Quest for Meaning Courses
2. One Philosophy Course from the list of General Education Quest for Meaning Courses
3. *One Capstone Course from the Quest for Meaning (Course Identification Number: NSP 4703 QM)
4. *One Capstone Course that is philosophy focused, which can be taken from either the Human Story, Creative Spirit, or Universe We Live In. (An academic advisor will assist students in determining which courses meet the requirement of a philosophy focused course).
 - Philosophy focused courses are generally taught or co-taught by a philosophy instructor.
 - Philosophy focused courses are labeled as either NSP 4153, 4353, 4553 or one of the following courses: EDUC 3113 *Foundation and Philosophy of Education*, or BSAD 3193 - *Business Ethics*
 - Students graduating with a BSN meet this requirement through completing the nursing curriculum due to the heavy emphasis on ethics throughout the Nursing Curriculum.
 - Students graduating from the School of Education meet this requirement by taking *EDUC 3113 Foundation and Philosophy of Education*.

*** Course must be taken at Newman University**

A minimum of 30 resident hours must be taken beyond the first degree in order to obtain a second degree.

ACADEMIC HONORS

Dean's List

Students completing 12 or more credit hours at the end of a semester are included on the Dean's List if they have attained a grade point average of 3.5 for that semester. Students receiving an "IN" (incomplete) grade (unless for an approved two semester honors project) will not be included on the Dean's List.

Graduation Honors

Eligibility for graduation honors is based on the following criteria:

Baccalaureate degree candidate:
cumulative GPA of 3.5 or above
minimum of 62 resident hours
(excludes nontraditional credit).

Graduation honors indicated on the diploma and transcript are:

SUMMA CUM LAUDE 3.9 cumulative GPA
MAGNA CUM LAUDE 3.7 cumulative GPA
CUM LAUDE 3.5 cumulative GPA

Students who do not meet the 62 resident hour requirement for graduation honors but have a 3.5 or above GPA receive the designation "Academic Commendation" on their transcript.

Students earning a second degree will have honors calculated only on the courses that are used to meet second degree requirements.

HONORS PROGRAM

The Honors Program at Newman University is designed to help high-achieving students meet their full academic potential through a variety of enhanced educational and co-curricular opportunities. The program challenges students both inside and outside the classroom to stimulate their intellectual growth and become part of a community that values and enjoys academic pursuits. It also allows each student to pursue his or her own interests within an atmosphere that encourages participants to transform society.

The Honors Program includes:

Special seminars in students' freshman and senior years designed to sharpen critical-thinking skills and explore new ways of looking at the world.

- Dedicated honors classes of regular catalog courses.
- The chance to tailor regular catalog courses for honors credit.
- The opportunity to get to know professors

personally and work with them on a one-on-one basis.

- Recognition for Honors Program achievements reflected on Newman transcript.
- The option of participating in an on-campus living/learning community.

Criteria to apply for the Honors Program

High school seniors must have a cumulative GPA of 3.7 or above and a composite ACT score of 25 or above. Transfer students must have a college GPA of at least 3.75.

Honors Program Requirements:

For incoming freshmen or students joining the program as Newman students:

HNRS 1103 Freshman Honors Seminar
HNRS 4203 Senior Honors Thesis (2 semesters)
Honors Electives: 18 credit hours composed of any combination of courses listed in the "honors program" section of the catalog, courses identified as honors courses by individual departments, and honors options.

At least 9 of these hours must be earned in classes outside the school or division in which the student receives his/her major.

For transfer students entering Newman with 15-45 hours completed:

HNRS 1103 Freshman Honors Seminar
HNRS 4203 Senior Honors Thesis (2 semesters)
Honors Electives: 15 credit hours composed of any combination of courses listed in the "honors program" section of the catalog, courses identified as honors courses by individual departments, and honors options. At least 9 of these hours must be earned in classes outside the school or division in which the student receives his/her major.

For transfer students entering Newman with over 45 hours completed:

HNRS 4203 Senior Honors Thesis (2 semesters)
Honors Electives: 15 credit hours composed of any combination of courses listed in the "honors program" section of the catalog, courses identified as honors courses by individual departments, and honors options. At least 9 of these hours must be earned in classes outside the school or division in which the student receives his/her major.

Honors Program graduates will be recognized as such with a notation on their transcript, on their diploma, and in the graduation program.

GRADUATION RATE

As required by the Student Right-to-Know Act of 1990, Newman University hereby discloses that the graduation rate for degree-seeking full-time freshmen at Newman for the six year reporting period beginning with the 2013 fall semester is 53%.

CLASS ATTENDANCE

Class attendance policy is established by the instructor in each course. If circumstances arise which make it impossible for a student to attend class, the instructor should be notified and the work missed made up to the satisfaction of the instructor. If absences are excessive, the instructor may ask the student to withdraw from the class or recommend to the provost and vice president for academic affairs that the student be asked to withdraw from the class.

ACADEMIC ADVISORS

Academic advising is provided to all degree-seeking students at Newman University. It combines guidance towards a successful degree completion with course selection and course changes. Advising is primarily conducted by full-time faculty, although some staff and part-time faculty advise certain groups of students.

An advisor's authorization is required for registration, course changes and the application for graduation. Each student is assigned a specific advisor who maintains information pertinent to offering him or her academic advising. For this reason, students are asked to refrain from seeking permission to enroll in courses from faculty or staff other than their advisor or the school director or division chair.

Academic advising carries with it responsibilities for students. Each student must make sure to keep track of his or her progress toward a degree. Academic advising is a service offered by faculty and some professional staff, but it does not diminish the responsibility of the student to make sure that requirements for graduation and academic progress are met.

A change in advisor is to be made as educational objectives change or a major is chosen. Forms are available in the Registrar's Office.

TESTING PROGRAM

The testing program at Newman University is designed to meet student and institutional needs.

English and Mathematics Placement Examinations

Students new to Newman who have not completed College Writing 1 and 2 are required to take an English placement examination prior to registration for classes. Students who have not completed College Algebra or Math for the Liberal Arts or a higher level math course are required to go through a math placement process in order to help students and advisors in their selection of an appropriate mathematics course. Math Placement Instructions:

- An ACT score in mathematics (or SAT equivalency) can be used for math placement if the student has taken the ACT within the last 5 years.
- A student must take the Newman Math Placement Exam (in a monitored setting) if within the past 5 years the student has no Math ACT score and no college mathematics credit.
- Any student may opt to take the Newman Math Placement Exam (in a monitored setting). For example, a student may wish to take the Newman Math Placement Exam if the student has a Math ACT score that appears to place the student in a lower course than expected.
- Advisors and students should be aware that regardless of the Math ACT or Newman's Math Placement score, some mathematics courses require prerequisite high school or college mathematics coursework.

Students failing to meet the minimum required score on the Placement Exam will be required to enroll in a lower level remediation course.

CLEP (College Level Examination Program)

CLEP offers credit for introductory college-level subjects. More than 25 different exams are offered through this program sponsored by the College Board. Credit achieved through CLEP exams is considered transfer credit and is assigned no letter grade. An official CLEP transcript must be submitted to the Registrar's Office for evaluation. The Academic and Student Support Services Office at Newman administers CLEP exams by appointment.

DANTES Examination

DANTES offers college credit for over 35 subjects in the areas of social science, business, humanities, physical science and applied technology and is sponsored by the Educational Testing Service (ETS). Credit achieved through DANTES is considered transfer credit and is assigned no letter grade. An official DANTES transcript must be submitted to the Registrar's Office for evaluation.

Proficiency Examination Program (PEP)

This American College Testing program has been endorsed for credit award by the faculty. Check with the appropriate division chairperson if you are desirous of credit through a PEP examination.

Credit by Departmental Examination

Credit may be obtained by successfully completing end-of-course examinations designed and administered by Newman University faculty. Students wishing to obtain credit in this manner should check with the appropriate faculty member. Forms for validation of this credit may be obtained in the Academic and Student Support Services Office. Credit by Departmental Examination is considered experiential learning credit and is subject to the same policies and guidelines listed for experiential learning credit in this catalog.

PERSONAL DEVELOPMENT COURSES

Preparatory courses in English and math are available to students at Newman University. These courses are listed under the respective department in the course listings and are offered for credit. No more than a total of nine credit hours of personal development courses will be accepted toward graduation. In the case of transfer students, credits that transfer are limited to courses that are applied toward graduation at the initial institution.

ENROLLMENT IN 0-LEVEL AND GENERAL STUDIES COURSES

Enrollment by students with junior or senior standing in 0-level or GNST (General Studies) courses requires the written permission of the chair of the division in which the course resides. Lack of such permission will result in administrative withdrawal of the student from the course.

NAVIGATOR LEADERSHIP CERTIFICATE

Students can choose to get a certificate in leadership to augment a degree they already have or are currently working on. The certificate in leadership program emphasizes the development of each student's leadership abilities. Throughout the coursework, students will begin to understand contributing factors to successful leadership in organizations and cross-cultural environments. Students who receive a certificate in leadership will have an advantage in almost any career field over those individuals who do not have leadership education.

NUMBER OF MAJORS AND MINORS

A student may earn more than one major. However, should a student elect to pursue more than one major, he/she must assume the responsibility for any extra courses which may be needed to fulfill the requirements for the additional major. Furthermore, a student may not obtain more than two majors in any one school or more than a total of three minors.

DOUBLE MAJORS

Students who are earning two majors may use a requirement in one major as an elective in the second major. No more than two courses may be used in this manner.

COOPERATIVE PROGRAM WITH FRIENDS UNIVERSITY

Many undergraduate courses offered by Friends University are open to Newman University students for cross-registration on a space available basis. These courses are counted as resident credit at Newman University.

The student exchange program is designed to enrich the educational opportunities of Newman and Friends' students. Libraries of the two institutions house more than 200,000 volumes, all of which are available to both campuses.

INDEPENDENT STUDY

An independent study course is one initiated and pursued by a student under the direction of a faculty member. The requirements for the course and number of hours credited to the study will be determined mutually by the student and the faculty member.

Independent study may be for one to three hours,

ACADEMIC INFORMATION

or if an Honors project, four hours. The content of the study may not duplicate an existing course described in this catalog. Independent study is available to students admitted to Newman University. Independent study courses are identified by the numbers 499-, except in the Physical Science Department where they are identified by the number 289-. An approved proposal is required to be filed at the time of registration. No more than 15 credit hours may be earned in independent study.

No more than a total of 16 credit hours towards a baccalaureate degree may be earned in cooperative education internships and independent study.

Courses offered by independent study or by conference must fit into one of the regularly scheduled time frames for the semester (full semester or 8-week). The published add, drop and withdrawal dates for each session will also apply to independent studies and conference courses.

ACADEMIC YEAR

The academic year is divided into two semesters, the fall semester and the spring semester. The college provides sessions during the summer as well as mini-terms during the academic year. Detailed information for each semester or session can be obtained from the Registrar's Office.

CREDIT

The unit of credit is the semester hour.

RESIDENT CREDIT—Credit for courses which must be taken on the Newman University campus, at one of Newman's outreach sites and/or as defined by the academic policy-making body.

EXPERIENTIAL LEARNING CREDIT—Resident credit awarded for those learnings which occur through the extension of the classroom and outside formal instructional channels. Although nontraditional credit is considered resident credit it does not meet the resident hour requirement for graduation. Experiential Learning Credit includes:

- Credit by Examination (CBE)—The successful completion of an examination designed and administered by Newman University faculty to assess competence gained in a particular subject; and
- Portfolio Assessment—Evaluation of a portfolio submitted for recognition of knowledge gained through work and/or life experience that is equivalent to the knowledge gained by taking a specific college course. Experience must be

directly related to an academic discipline offered at Newman University.

Experiential Learning Credit is subject to the following guidelines:

1. Approval is limited to students matriculated at Newman University.
2. In general, any described work or life experience may be used for only one experiential learning course.
3. Experiential Learning Credit will not be granted for a course for which the student has previously received credit.
4. Evaluation is done by the faculty in the related department.
5. Fees are charged for the evaluation and validation of credit.
6. A form indicating the credit sought and supporting information is available in the Academic and Student Support Services Office and must be filed there by the student.
7. If approved, a grade of "Pass" will be given. A grade of "Pass" is NOT calculated in the grade point average and for purposes of Nontraditional credit, assumes achievement at a level of "C" or better.
8. A maximum of 12 credit hours.
9. Students graduating in December must submit Experiential Learning Credit to the Academic and Student Support Services Office no later than November 1 of that academic year. Students graduating in May must submit Experiential Learning Credit to the Academic and Student Support Services Office no later than March 15 of that academic year and students graduating in the summer must submit their work by April 15.
10. Experiential Learning Credit will only be accepted for evaluation from August 15 through April 30 of each academic year.
11. Experiential Learning credit cannot be transferred in from another institution.

TRANSFER CREDIT—Credit is accepted from other appropriately accredited institutions of higher education, approved standardized examinations (ACE, CLEP, DANTES, AP, etc.), and specifically approved professional programs. The maximum amount of community college transfer credit which may be applied to a baccalaureate degree is 62 credit hours. (Sixty-two (62) credit hours from a four-year college/university are required for a bachelor's degree.) This limit, however, may vary depending on the program in which the student is enrolled. Correspondence courses may be transfer credit from other institutions of higher education and are limited to 15 credit hours. The number of transfer hours is posted on the student's Newman transcript. Individual courses are not listed but the number of credit hours from each school attended is listed. The recorded cumulative grade point average for the transfer student is calculated only on

credit earned through Newman University.

An Associate of Arts or Associate of Science degree from a nationally accredited college will meet the requirements for Skills courses and some General Education courses. These students are required to take a maximum of four courses to complete the Newman Studies Program: one theology course and one philosophy course from the General Education level as well as NSP 4703 and NSP 4153, BSAD 3193, NSP 4353, EDUC 3113, or NSP 4553. Students graduating with a Bachelor of Science in Nursing degree are required to complete only NSP 4703 and the theology and philosophy requirements from the General Education level.

CREDIT HOUR POLICY

Newman University operates on a semester schedule and awards academic credit based on the credit hour. The fall and spring semesters include courses that meet over a 16 week timeframe as well as courses that meet in an accelerated format (most commonly eight weeks) and in an online format. The summer “semester” includes courses that meet in a variety of timeframes, including four weeks, five weeks and eight weeks and online. **Courses that are offered in a non-traditional format are collectively known as accelerated courses.**

The standard seat time for a didactic course conforms to the generally accepted norm of requiring one hour of class time per week for 16 weeks for each credit hour awarded. Some accelerated courses include additional learning time (online video lectures, required field trips, etc.) that equalize the “seat times” of the course, whether it is offered in a traditional or non-traditional format. Laboratory and studio courses meet 2-3 hours per week for each credit hour. Clinical, laboratory, internship, and practicum courses vary in clock hour to credit hour ratios, but all conform to guidelines established by the professional guidelines of the content areas, but in no case are less than 2 weekly contact hours per credit hour.

Federal Credit Hour Definition: A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than: (1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory

work, internships, practica, studio work, and other academic work leading to the award of credit hours. 34CFR 600.2 (11/1/2010)

Courses that do not conform to the traditional meeting time model shall establish that student learning outcomes are identical to the traditional courses. This can be assured by establishing the volume and quality of student work (reading, writing, presentations, etc.) is equivalent and that evaluation tools (examinations, quizzes, papers, etc.) are equivalent in volume, scope, and rigor to the same course that is offered in the traditional format. In the case when an accelerated course is not also offered in a traditional format on campus, the equivalence of student learning shall be established by comparison of student learning expectations and outcomes with other institutions in the region, by administration of an externally validated instrument (e.g., MFAT exam) or by other means approved by the Learning Assessment Committee.

STUDENT CLASSIFICATION

FRESHMAN—student who has earned fewer than 30 credit hours

SOPHOMORE—student with 30–59 credit hours

JUNIOR—student with 60–89 credit hours

SENIOR—student with 90 or more credit hours

UNCLASSIFIED—student who already has a baccalaureate degree and who is taking (a) course(s) for credit without expectation of another degree

REGISTRATION

Students register at the beginning of each semester and/or session on the dates published. The Admissions process must be completed before a student may register. The registration must be approved by the student's advisor. Registration is not complete until payment has been satisfactorily arranged with Student Accounts. No subsequent registration will be permitted until the student's account is paid in full.

ACADEMIC LOAD—A full-time undergraduate student registers for 12 or more hours a semester; a part-time student for 11 or less. To register for more than 19 hours, a student must have a cumulative GPA of 3.5 or above and obtain approval of his/her advisor.

AUDIT COURSES—A student may audit a scheduled course by adding it to his/her registration as an "audit." Records are kept of audit courses and a special tuition is charged. Transfer from credit to audit or from audit to credit registration is not permitted after the schedule-change period.

PREREQUISITE COURSE ENROLLMENT

Enrollment in a course that is a prerequisite for a course in which the student has already received credit requires the written permission of the director of the school in which the course resides. Lack of such permission will result in administrative withdrawal of the student from the course.

REGISTRATION

Students are eligible to register for classes once they have been formally accepted into the University and met all admission obligations (immunization records, test scores, deposits have been received) Consultation with an academic advisor is required prior to registration. Students must not have an outstanding balance from a prior semester in order to enroll for a future term.

ADD/DROP

During the published registration period, students may add/drop classes if a change to their schedule is necessary. The add/drop period extends through the first week of the session. Classes dropped within this time frame will be refunded provided payment has already been made.

WITHDRAWAL FROM A COURSE—An official course withdrawal is completed by filing a written notice with the registrar. Signatures of the advisor and the instructor must be secured. The final date for withdrawing from a course is listed in the online semester schedule of classes. Should extenuating circumstances exist after this date, approval from the Academic Exceptions Committee must be obtained before a withdrawal can be authorized. **There is no refund for an individual course withdrawal. The grade of W is issued and appears on the academic transcript.**

WITHDRAWAL FROM A COURSE LESS THAN A FULL SEMESTER IN LENGTH—

An official withdrawal is completed by filing a written notice with the registrar. This must be done **PRIOR TO COMPLETION OF THREE-FOURTHS OF THE CLASS MEETINGS**. This procedure is the same as for withdrawal from a course.

There is no refund for an individual course withdrawal. The grade of W is issued and appears on the academic transcript.

WITHDRAWAL FROM NEWMAN

UNIVERSITY—An official withdrawal from Newman University is a written statement from the student indicating withdrawal of one's enrollment and filed with the registrar. The advisor's signature and signatures from the Financial Aid Office (if applicable), and Student Accounts must be obtained on the form. **THE UNIVERSITY RESERVES THE RIGHT TO REQUIRE THE WITHDRAWAL OF A STUDENT WHOSE SCHOLARSHIP IS UNSATISFACTORY, OR WHOSE FURTHER ATTENDANCE IS NOT DEEMED TO BE OF BENEFIT TO THE STUDENT OR THE UNIVERSITY.** The refund schedule for a complete withdrawal is published in the online schedule of classes. If the withdrawal from the University occurs after the add/drop period, the grade of W is issued for all classes and appears on the academic transcript.

WITHDRAWALS AFTER A GRADE IS AWARDED OR EARNED—

Students may not withdraw from a course after a final grade has been awarded. Final grades may be awarded prior to

the end of the course, typically but not exclusively, due to academic misconduct. Students may appeal grades awarded for misconduct by following the applicable academic appeal policy.

FINAL GRADES- Faculty may not change a final grade after it has been submitted to the registrar, except in the case of a numerical miscalculation.

CHANGE OF MAJOR

Students wishing to change their major designation must begin the process with their academic advisor. The change of major form is available online and in the Registrar's Office. Upon changing majors, the catalog requirements will reflect the catalog in effect at the time of the major change.

TRANSCRIPTS

Newman University offers current and previous students the option of online transcript ordering through the National Student Clearinghouse. This is available from Newman's home page by clicking on Current Students/Registrar/Transcripts. Newman's charge for a transcript is \$8 but additional fees may be charged by the Clearinghouse. Electronic transcript service is also available to students if the request is made through the Clearinghouse. Students will receive a "personal copy" transcript without charge at the time of graduation.

In accordance with public law 93-380 (11-19-74), Newman University adheres to the policy of releasing a student's record to a third party only upon the student's written request or under the condition stipulated in Sec. 438 (2) (b) (1), except that appropriate student records will be maintained as necessary for normal operation by the student's academic advisor(s) and other appropriate Newman personnel.

No transcript or letter of honorable dismissal will be released by the Registrar's Office until all accounts are paid in full.

STUDENT SELF-SERVICE ENROLLMENT VERIFICATION

Students may log into their JetStream account and print enrollment verification documents as the need may arise. Enrollment verifications are often needed for health insurance purposes, discounted car insurance, reimbursements, etc. If the student is no longer currently enrolled, they may simply request an official transcript to verify their historical dates of attendance.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974 (PL 93-380)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. Students have the right to inspect and review their education records and to request the amendment of their records if they believe they are inaccurate or misleading. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office concerning alleged failures by the institution to comply with the Act.

Under FERPA, information other than "directory information" cannot be given to a third party without the expressed written consent of the student with the exception of Newman officials and faculty for expressed educational interest. The university routinely publishes material classified as "directory information" which is acceptable within the Act. Newman University directory information includes the following: name; address (campus, home, e-mail); telephone numbers; Student ID; class standing (freshman, sophomore, etc.); major field(s) of study; course load status (full time, half time, etc.); dates of attendance; degree(s) conferred (including dates); awards; honors (including Dean's List and graduation honors); past and present participation in officially recognized activities and sports; membership in campus organizations; physical factors (height, weight of athletes); photos of athletes; previous institution(s) attended. An individual, however, may direct that his or her name may not appear in directory information by notifying the registrar in writing at the time of his or her registration.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Registrar's Office.

APPLICATION FOR DEGREE

Degree applications are sent by the Registrar's Office to students who indicate to the office they are graduating that semester via their Newman email address. Candidates for a degree must file an application for degree by the date published in the online schedule of classes. Failure to file by the designated date may result in the non-award of the degree for that semester. Students who complete degree requirements during the summer must file at the same time as the spring graduates. Summer graduates will receive their diploma at the completion of their summer course work. For all graduates, a degree will not be posted if the

ACADEMIC INFORMATION

student has an “Incomplete” grade in any course. If degree requirements are not completed within the academic year in which the application was filed, a new application must be filed and the graduation fee repaid.

MIDTERM GRADE REPORTS

Midterm grades and final grades are available to students through Newman’s website at www.newmanu.edu

ETHICS CODE

Newman University students are to function as ethical citizens including their work pursued in the academic community.

Integrity in the classroom is a definite expectation and is not to be violated in any manner. Violation of academic integrity includes:

1. Cheating on examinations, written quizzes, and other written work;
2. Plagiarism, defined as:
 - a. the use of another’s written work without appropriate citation
 - b. the use of another student’s work
 - c. the purchase and/or use of an already prepared paper
 - d. the use of Intellectual Properties (ideas or materials) from an author without proper documentation
 - e. downloading of materials from the Internet or World Wide Web and submitting them for credit (or partial credit) as one’s own work;
3. Any violation of state or federal fair use, copyright, patent, or privacy laws;
4. Giving assistance to another person during an examination;
5. Falsification or changing of any academic record;
6. Falsification of research or clinical data;
7. Obtaining, attempting to obtain, or distributing unauthorized examinations or examination questions;
8. Use of a paper prepared for one course in another course without the evaluating professor’s knowledge and permission.

An infraction of the Newman ethical code by a student on an examination, written work, or quiz will result in an “F” for that work. An individual faculty member may impose a more severe penalty. Within a professional program an ethical infraction may be referred to a standing committee designated by program policy to review such occurrences.

Upon assignment of the consequence(s) the faculty/director will complete the Ethics Infraction Form and submit it to the Provost’s Office for filing. Upon examination of the file the Provost may request a

hearing of the Academic Review Board to review a pattern of ethical infractions.

A student who believes an error in judgment has occurred regarding either the infraction or the subsequent penalty may appeal the faculty decision. The request for appeal must be submitted in writing to the Provost within 30 days of receiving notice of the penalty.

Infractions of the ethical code requiring further review per the department’s request or per the student’s appeal will be adjudicated by the Academic Review Board. This Review Board consists of the Provost and Vice President for Academic Affairs, the School Director, and a faculty member of the student’s choosing. The University may dismiss a student for ethical infractions.

COURSE EVALUATION AND GRADE POINT AVERAGE

Final evaluations are required for all courses each semester.

The evaluation system emphasizes achievement of the objectives of a course recognizing degree of accomplishment. Grade point average is based on a four-point system and is determined by dividing the total number of grade points earned in courses completed by the total number of resident credit hours attempted. The GPA is calculated only on work taken at Newman University.

The following four-point grading system and grade descriptions are operative at the university:

A = 4.0 Extraordinary Achievement

The student:

- Gives consistent evidence of initiative, originality, intellectual curiosity, and critical interpretation;
- Manifests a wide acquaintance beyond the text with literature relevant to the subject;
- Demonstrates scholarly achievement measured by papers, examinations, and intelligent participation in class; and
- Comprehends and integrates principles of the course.

B = 3.0 Good Achievement

The student:

- Performs with consistent effort and unusually high interest in the course;
- Shows an understanding beyond that required for the course;
- Communicates with better than average literary style; and
- Contributes critical and interpretive insights.

C = 2.0 Average Achievement

The student:

- Participates in the work of the class;
- Demonstrates familiarity with lecture material, completes and comprehends assignments;
- Uses proper style, form, logical structure, and evidence of research in verbal and written communication; and
- Demonstrates intelligent inquiries.

D = 1.0 Marginal Achievement

The student:

- Participates in the work of the class;
- Demonstrates marginal comprehension of course material in the completion of all assignments;
- Is able to communicate with marginal style, form and logical structure; and
- Makes genuine and serious efforts to achieve course objectives.

P = 0.0 Passing

Credit earned with satisfactory achievement in courses so designated. Counted toward total hours for degree but excluded in the GPA calculation.

F = Failure

No credit earned, computed in GPA

WD = Official withdrawal

IN = Incomplete

A grade of “Incomplete” may be given only under extenuating circumstances, when failure to complete a course is due to no fault of the student. Extenuating circumstances may include current illness, serious personal problems, an accident, a recent death in the immediate family, a large and necessary increase in working hours, or other situations of equal gravity. The “IN” should not be based solely on a student’s failure to complete work or as a means of raising his or her grade by doing additional work after the course has ended. The student and instructor shall agree to a plan of study and a timeline to complete the course requirements. The course work must be completed no later than the end of the next regular semester. After this time, the “IN” automatically becomes an “F” (or other grade as indicated by the instructor at the time of application) and is included in the computation of the GPA. In case the instructor is not able to evaluate the student work, the dean of the school or his/her designee shall be empowered to evaluate the student work and assign a final grade. At the time of graduation, any remaining “IN” grades automatically change to an “F” and are included in the computation of the GPA.

GRADE APPEAL POLICY/PROCESS

The Student Grade Appeal Process applies to all academic programs at the undergraduate level.

Only a final grade in a course may be appealed. Objections to grades on specific assignments may only be made in the context of a course grade appeal.

In any grade appeal procedure, the student making the appeal has the burden of proof in establishing a good cause for changing a final grade. Unless the student can offer convincing arguments to the contrary, good faith on the instructor’s part is presumed. When supported by sufficient evidence, any of the following reasons shall constitute “good cause” for challenging a final grade.

1. The instructor assigned a grade based on an error in calculation or reporting.
2. The instructor assigned a grade based on discrimination against a student’s age, sex, race, creed, color, national origin, ethnic origin, or disability.
3. The instructor did not apply standards consistently to all students in the class.
4. The instructor did not follow university policy or his or her own published guidelines in assigning a grade.

None of the following shall constitute “good cause” for appealing a final grade:

Disagreement with the course requirements established by the professor.

Disagreement with the grading standards established by the professor.

Disagreement with the instructor’s judgment when applying grading standards, assuming that the instructor has made a reasonable effort to be fair and consistent in exercising that judgment. The student’s desire for or need of a particular grade.

Consequences that a student might face as the result of a grade.

Grade Appeal Procedures

A. Step 1: Faculty-Student Conference

1. A student wishing to appeal a grade shall first schedule a conference with the instructor who assigned that grade.
 - a. The instructor-student conference shall take place within the first 10 class days (Monday through Friday) of the regular semester immediately following

ACADEMIC INFORMATION

the semester that the disputed grade was assigned (summer sessions are not considered regular semesters).

- b. At the request of the student or the instructor, the School Director or Division Chair responsible for the course in question shall assign another departmental faculty member to witness the conference.
 - c. The reasons for questioning the grade shall be stated by the student, and the reasons for assigning that particular grade shall be explained by the instructor.
2. In a case where the instructor is not available for this conference (non-reappointment, retirement, death, extended absence from the area, or other debilitating circumstances), the instructor's School Director or Division Chair shall act as the instructor of record.
 3. Outcome of the conference between instructor and student.
 - a. If the instructor finds that no grade change is justified, the student shall be so notified at the end of the conference.
 - b. If the instructor does decide to change the grade, the instructor shall complete a Change of Grade form and file it with the Registrar within five class days from the time that the conference occurs.

B. Step 2: Appeal to the School Director or Division Chair

1. Following the instructor-student conference, a student receiving an unfavorable decision may file an appeal with the School Director or Division Chair.
 - a. The appeal to the School Director or Division Chair must be in writing and filed within ten class days of the instructor-student conference, or within the first fifteen class days of the semester that the grade is eligible for appeal.
 - b. If the student fails to contact the School Director or Division Chair within 15 class days of the beginning of the appropriate semester, the instructor's grade award shall be considered final.
 - c. The student's written statement must include a justification that should conform to at least one of the criteria listed above for making a grade appeal.
 - d. The appeal must include all completed copies of any written assignments, returned assignments, syllabi, or other written material referred to in the appeal letter.
2. The School Director or Division Chair shall provide the instructor with a copy of all appeal materials, and the instructor shall submit a written justification for the assigned

grade with supporting documentation.

3. Within fifteen class days of receiving the student's appeal, the School Director or Division Chair shall provide both the student and the instructor with a written notice of the director's decision.
4. If the School Director or Division Chair's review determines that a change in grade is warranted, the director will forward the decision to the Provost, who will instruct the Registrar to change the grade if no further appeal is pursued.
5. Both the student and the instructor have the right to appeal the School Director or Division Chair's decision to the Provost.
6. If the instructor is the School Director or Division Chair, the College Dean will hear the appeal. If the instructor is a School Director or Division Chair and Dean, the appeal will go directly to the Provost after the faculty-student conference. If the instructor is the Provost, the Dean of the College offering the course will take the Provost's place.

C. Step 3: Appeal to the Dean

1. The Student may appeal the Program Director or Division Chair's decision to the Dean when one or more criteria for good cause apply. A request for review of the Program Director or Division Chair's decision is made by filing a written statement with the Dean within ten class days of receiving the Program Director or Division Chair's report.
 - a. Within ten class days of receiving the written appeal, the Dean shall notify the Program Director or Division Chair and the instructor that an appeal has been filed.
 - b. The Program Director or Division Chair and the instructor will forward their written report of the process to the Dean.
 - c. The Dean may consider the appeal with review of available documentation which may include the student's original appeal, the instructor's written justification, the Program Director or Division Chair's written report, the student's written work for the course and all other documents the Program Director or Division Chair may have used in reaching a decision.
 - d. The Dean will inform the student, the Program Director or Division Chair in writing of the outcome of the appeal.

D. Step 4 Appeal to the Exceptions Committee

1. If the student alleges procedural errors in the Dean's process, he/she may request a review of the Dean's procedures to the Exceptions Committee by filing a written statement with the Exceptions Committee within ten class

days of receiving the Dean's report.

- a. Within ten class days of receiving the written appeal, the Exceptions Committee shall notify the Dean that an appeal has been filed.
 - b. The Dean will forward his/her written report of the review of the procedures to the Exceptions Committee.
2. The Exceptions Committee may request interviews with the student or with others whose information may have bearing on the appeal.
 3. The Exceptions Committee must reach a decision no later than the last day of regular classes before the final exam period of the semester when the appeal was filed. The Chair of the Committee will inform the student, the Program Director or Division Chair in writing of the decision of the Committee.
 4. If the Exceptions Committee determines that a procedural error has occurred, the Chair will inform the Provost who will assign the appeal for re-evaluation.
 5. The decision of the Exceptions Committee is final. Some grade appeal cases may present practical obstacles for pursuing the procedures precisely, as outlined above. In such circumstance, the Chair of the Exceptions Committee shall have the discretion to modify the procedures as little as possible to accommodate the special requirements of the situation. Requests for changes in deadlines or other elements of the grade appeal policy should be brought to the Chair of the Exceptions Committee.

GRADE CHANGE DEADLINE

All grade changes, except for incompletes, must be submitted to the Registrar's Office no later than midterm of the semester following the semester in which the course was taken.

"D" GRADE IN MAJOR COURSES

A grade of "D" is not acceptable for upper division courses which are required for a student's major, minor, area of concentration or associate degree. Some majors require a minimum of a "C" grade in all coursework. Please refer to program specific requirements in the later section of the catalog.

REPEATING OF COURSES

Students may repeat any course they have taken previously. Only the result of the final course attempt will be used in the cumulative grade point average, but all grades remain on the academic transcript.

ACADEMIC PROBATION

Students who complete a regular semester with cumulative Newman University GPA of less than 2.0 shall be notified by the Registrar that they are on academic probation. This information is recorded on the student's permanent transcript. Academic probation is official notice that he/she is not making satisfactory academic progress towards degree completion. The student must raise the cumulative Newman University GPA to 2.0 or greater by the end of the next regular semester. A student on academic probation may not participate in or audition for theatre or music productions (with the exceptions of class-based requirements) or noncredit performing groups which are sponsored by or represent the university, may not hold office in student government or other student organizations officially recognized by the university, and may not serve on any committees related to university activity.

Student athlete eligibility to participate in intercollegiate athletic competition shall be governed by NCAA DII rules and overseen by the Athletic Compliance Officer. Students who are placed on academic probation shall develop an academic contract with Student Support Services, which shall include (but not necessarily be limited to):

- Limiting the number of credit hours they take during the semester to no more than 13 credit hours.
- Documented visits with their advisor on a biweekly basis.
- Other measures deemed appropriate by the university.

For probation purposes, the summer session is not considered a semester.

ACADEMIC SUSPENSION

A student on academic probation who fails to raise his/her cumulative Newman University GPA to 2.0 or greater by the end of the next regular semester of enrollment will be placed on academic suspension for one semester. Students may apply for reinstatement after the suspension is complete. Students seeking reinstatement shall develop an academic contract with Academic and Student Support Services, which shall include (but not necessarily be limited to):

- Limiting the number of credit hours they take during the semester to no more than 13 credit hours.
- A plan of study that includes grades needed for satisfactory academic progress.
- Documented meetings with their advisor (or Academic and Student Support Services) on a biweekly basis.

ACADEMIC INFORMATION

- Other measures deemed appropriate by the university.

Students placed on academic probation following reinstatement will result in final academic suspension. This information is recorded on the student's permanent transcript. Students have the right to appeal suspension decisions to the Academic Exceptions Committee.

DISMISSAL FROM OR DENIAL OF ADMISSION TO ACADEMIC PROGRAMS

Individual departments, schools and academic programs, at both the graduate and the undergraduate level, have a right to establish their own criteria for admission to, and dismissal from, any program or course of study.

1. Programs that maintain separate requirements for admission or continuation must publish those requirements in an accessible format.
2. Published requirements for each program should also include information on appealing a negative decision to departmental or programmatic personnel.
3. Only current Newman University students may appeal denial of admission to specific academic programs.
4. Any student dismissed from a program will be notified in writing of the available appeal processes and options.
5. Current Newman University students who have applied to specific programs as well as dismissed students from specific programs for any reason must exhaust all departmental and programmatic appeal procedures before filing an appeal with the Dean.
6. Only the following shall be considered good cause for appeal to the Dean:
 - a. Evidence that published criteria for admission or continuation were not followed by the program or department.
 - b. Evidence that published criteria for admission or continuation were not applied uniformly by the program or department
 - c. Evidence of substantial procedural errors in earlier appeals.
 - d. Evidence of discrimination on the grounds of a student's age, sex, race, creed, color, national origin, ethnic origin, or handicap.
7. The following shall not be considered good cause for appeal to the Dean:
 - a. Disagreement with admission requirements or criteria for continuation in a program or course of study.
 - b. Disagreement with the program or

department's application of its published criteria.

- c. Extenuating circumstances that may have affected a student's ability to meet published admissions requirements or criteria for continuation, including specific physical requirements necessary to work in the field and criminal background checks and/or drug and alcohol testing. Such circumstances can only be considered on the programmatic or departmental level.
 - d. The student's desire for, or need of, a particular outcome.
 - e. Consequences that a student might face as a result of a negative outcome to the appeal.
8. If the student's denial of admission to or continuation in a program is based solely on one or more grades in any Newman University course, the appeal should be handled as a grade appeal rather than appeal of denial of admission or continuation in a specific program.

Appeal of Denial of Admission to an Academic Program:

A. Appeal to the Dean

Current Newman University students who have been denied admission to a specific program and who have been unsuccessful in appeals at the program or department level have the right to appeal to the Dean if they can demonstrate good cause for appeal. When considering filing an appeal:

1. Understand that the appeal has already received a thorough review. However, there is an option to appeal the denial decision if the criteria for good cause are met (listed above.)
2. Submission of an appeal does not guarantee that the appeal will be approved.
3. The appeal to the Dean must be made in writing and received no more than ten class days after the date of the final programmatic or departmental appeal.
4. In all cases, the student has the burden of proving all assertions made to appeal the denial of admission into an academic program. The appeal letter should include any documentation necessary to prove any statements.
5. The Dean may consider the appeal with review of available documentation which may include, but is not limited to, the student's original departmental appeal, the findings of earlier appeals, any documentary evidence submitted by the student or the department or program and the testimony of relevant witnesses.
6. The Dean shall inform the student and

Academic Affairs of the outcome of the appeal process. Academic Affairs will be responsible for informing the program director of the outcome.

B. Appeal to the Exceptions Committee

If the student alleges procedural errors in the Dean's process, he/she may request a review of the Dean's procedures to the Exceptions Committee by filing a written statement with the Exceptions Committee within ten class days of receiving the Dean's report.

1. Within ten class days of receiving the written appeal, the Exceptions Committee shall notify the Dean that an appeal has been filed.
2. The Dean will forward his written report of the appeal review procedures to the Exceptions Committee.
3. The Exceptions Committee may request interviews with the student or with others whose information may have bearing on the appeal.
4. The Exceptions Committee must reach a decision no later than the last day of regular classes before the final exam period of the semester when the appeal was filed. The Chair of the Committee will inform the student, the Program Director or Division Chair in writing of the decision of the Committee.
5. If the Exceptions Committee determines that a procedural error has occurred, the Chair will inform the Provost who will assign the appeal for re-evaluation.
6. The decision of the Exceptions Committee is final.

Appeal of Dismissal from an Academic Program:

A. Appeal to the Dean

Current Newman University students who have been dismissed from a specific program and who have been unsuccessful in appeals at the program or department level have the right to appeal to the Dean if they can demonstrate good cause for appeal. When considering filing an appeal:

1. Understand that the appeal has already received a thorough review. However, there is an option to appeal the deny decision if the criteria for good cause are met (listed above.)
2. Submission of an appeal does not guarantee that the appeal will be approved.
3. The appeal to the Dean must be made in writing and received no more than ten class days after the date of the final programmatic or departmental appeal.
4. In all cases, the student has the burden of proving all assertions made to appeal the dismissal from an academic program. The appeal letter should include any documentation

necessary to prove any statements.

5. The Dean may consider the appeal with review of available documentation which may include, but is not limited to, the student's original departmental appeal, the findings of earlier appeals, any documentary evidence submitted by the student or the department or program and the testimony of relevant witnesses.
6. The Dean shall inform the student and Academic Affairs of the outcome of the appeal process. Academic Affairs will be responsible for informing the program director of the outcome.

B. Appeal to the Exceptions Committee

If the student alleges procedural errors in the Dean's process, he/she may request a review of the Dean's procedures to the Exceptions Committee by filing a written statement with the Exceptions Committee within ten class days of receiving the Dean's report.

1. Within ten class days of receiving the written appeal, the Exceptions Committee shall notify the Dean that an appeal has been filed.
2. The Dean will forward his/her written report of the appeal review procedures to the Exceptions Committee.
3. The Exceptions Committee may request interviews with the student or with others whose information may have bearing on the appeal.
4. The Exceptions Committee must reach a decision no later than the last day of regular classes before the final exam period of the semester when the appeal was filed. The Chair of the Committee will inform the student, the Program Director or Division Chair in writing of the decision of the Committee.
5. If the Exceptions Committee determines that a procedural error has occurred, the Chair will inform the Provost who will assign the appeal for re-evaluation.
6. The decision of the Exceptions Committee is final.

EXCEPTIONS/APPEALS PROCESS

1. Academic Deans or the Academic Exceptions Committee review student requests for an exception to any academic policy or published deadline. The exceptions requests are reviewed and students are notified in writing of the decision. Students are responsible for submitting a complete exception request; incomplete exception requests will not be considered. Students should contact the Academic Affairs Office or their faculty advisor if they have any questions regarding

ACADEMIC INFORMATION

the committee's procedures.

Exception Request Forms are submitted to the respective dean of the school that grants the credit.

Exceptions by their very nature are unique. Individual circumstances are distinct to each exception request. Decisions are therefore unique to each situation and should not be considered a precedent. Decisions of the Deans and/or Exceptions Committee are final and are not appealable. A processing fee may be assessed to those students whose exceptions incur significant administrative costs.

Academic Deans may authorize the following exceptions:

- a. for courses taught in their school (both full-time faculty and adjuncts):
 - i. Late adds
 - ii. Late drops/withdrawals
 - iii. Changing from enrolled for credit to audit or audit to credit
 - iv. Extension of deadlines for incompletes
 - v. Extension of the deadline for grade appeals
 - vi. NSP late adds, drops and withdrawals will be reviewed by the Dean of Arts and Sciences
 - vii. Graduate Program only: Exceptions to maximum hours transferrable compliant with applicable accreditation standards
 - b. Ordinarily, students will meet first with the instructor and then with the Division Chair before the Dean will rule on the exception.
 - c. Deans should recuse themselves in cases where a conflict of interest exists.
 - d. Exception requests filed with the Dean must use the official form, submitted to the Dean's administrative assistant. The student must collect all appropriate signatures before the Dean may consider the request (in extraordinary cases the Dean may choose to act before one or more of these signatures are collected).
 - e. The Dean will respond to all requests for exception in writing.
 - f. Exception decisions must be forwarded to the appropriate offices (advisor, Registrar, Student Accounts, etc.).
 - g. A copy of all exception request forms and ruling letters must be stored in the electronic exception archive.
 - h. If the Dean's position is temporarily vacant, the Chair of the Exceptions Committee will have authority to decide on exceptions for that Dean's school.
2. Late Applications to graduate will comply with the late applications policy.
 3. The Academic Exceptions Committee has authority to decide all other exception requests.
 - i. The Academic Exceptions Committee will decide requests including but not limited to:
 - ii. NSP exceptions concerning course equivalency and substitutions
 - iii. Dismissals/suspensions/probations from programs
 - iv. Academic Probation/Suspension from the University
 - v. Procedural appeals of Student Affairs probation, suspension or other disciplinary processes
 - a. Concerning exception requests for dismissals/suspensions from programs, the committee will review appeals based on published criteria in the University Catalog.
 - b. Exception requests filed with the Academic Exceptions Committee must use the official form, submitted to the administrative assistant of the student's school. The student must collect all appropriate signatures before the Academic Exceptions Committee may consider the request (in extraordinary cases the Academic Exceptions Committee may choose to act before one or more of these signatures are collected).
 - c. The Chair of the Academic Exceptions Committee will respond to all requests for exception in writing.
 - d. Exception decisions must be forwarded to the appropriate offices (advisor, Registrar, Student Accounts, etc.).
 - e. A copy of all exception request forms and ruling letters must be stored in the electronic exception archive.
4. Concerning exceptions requests for dismissals/suspensions from programs, the committee will review appeals based on published criteria in the Catalog.
 5. The Exceptions Committee will consist of:
 - a. Assistant Dean of the School of Arts and Sciences (Chair)
 - b. NSP Committee Chairperson, or his/her designee. This member must come from a Baccalaureate Program.

- c. Three faculty members at large, elected by Faculty Senate. One each from a Baccalaureate program, an Associate program and a Graduate program
- d. Dean of Students (non-voting)
- e. Registrar (non-voting)
- f. Representative of the business office (non-voting), appointed by the CFO.

ADVANCED STANDING PROGRAM

In conjunction with selected Wichita area high schools, Newman University has developed the Advanced Standing Program that enables high school students to earn college credit while still attending high school. Only specific high school courses approved for credit through Newman University's Advanced Standing Committee are acceptable for enrollment. Students must complete an Advanced Standing application packet and obtain the permission of their high school guidance counselor and a parent or legal guardian. A cumulative 3.0 GPA on a 4.0 scale and junior or senior standing in high school are required.

Advanced Standing students who wish to continue their studies at Newman University after high school are required to complete the Application for Admission and submit all required application materials.

COOPERATIVE EDUCATION

Cooperative Education utilizes off-campus resources to place students in business, government, industry, health, and social agencies. Individually designed projects enable students to work directly with professionals in their field to expand upon knowledge gained in the classroom.

Students interested in such field-based internships apply through Academic and Student Support Services and are assisted in securing paid and unpaid internships which combine classroom studies with academically-related employment. Students placed in cooperative programs work with a faculty coordinator who assesses the placement for its potential to provide learning experience relevant to the student's educational goals, and for determining the amount of academic credit to be earned. Students may enroll for a total of two work-sessions or semesters. A maximum of six credit hours toward graduation may be earned through the Cooperative Education program.

Cooperative Education courses must fit into one of

the regularly scheduled time frames for the semester (full semester or 8-week). The published add, drop and withdrawal dates for each session will also apply to Cooperative Education courses.

DUAL DEGREE PROGRAMS

The Three-Two Occupational Therapy Option offers students an opportunity to earn a bachelor's degree and a master's degree in five years instead of the six years it typically requires. To participate, students would complete three years at Newman University, taking courses required for a Bachelor of Arts degree with a major in biology. As part of their undergraduate program, students would also take prerequisite courses for the occupational therapy program. Upon completion of their undergraduate courses, they would make application to Washington University to complete the remaining two years of courses for a master's degree in occupational therapy. When the first year in the master's program is successfully completed, students will apply for a bachelor's degree from Newman, then continue at Washington University to complete the master's degree in occupational therapy.

A dual degree program in biology and medical technology is offered to students who complete the general education and major requirements for a Bachelor of Arts degree with a major in biology at Newman and then transfer to Wichita State University to complete a bachelor's degree with a major in medical technology. Credits from the medical technology program at Wichita State University will be accepted as transfer credit to allow students to meet the total hour requirement for a bachelor's degree from Newman.

Newman University's biomedical science major supports an agreement with Wichita State University for a 3+2 program, the successful completion of which will result in a bachelor of science degree from Newman and a master of science degree in biomedical engineering from Wichita State University in as few as five years. Credits from the M.S. in biomedical engineering program will be accepted as transfer credit to Newman University to allow students to complete both the 124 total hour requirement as well as the 40 upper division hour requirement.

SERVICE OPTION

Newman University seeks to create opportunities for students to serve their community and to learn from these experiences through integration with course work.

A student may obtain an additional hour of credit in any course of two or more credit hours by satisfying the following conditions: 1) obtaining the permission of the instructor of the course; 2) obtaining the permission of the service learning coordinator; 3) Working with the service learning coordinator to find an approved service opportunity and volunteering 30 hours of service in a social service agency; 4) meeting periodically throughout the semester with the service learning coordinator.

A student may sign up for only one service option per semester. A maximum of six hours of credit will be given to a student for graduation using the service option. The student may not use the service option if enrolled in another course which requires a service component.

STUDY ABROAD OPPORTUNITIES

Students are encouraged to participate in overseas study and exchange programs, which contribute to individual and intercultural development. Financial aid may be available for these programs. Contact Newman's financial aid office for specific information. Newman offers study abroad opportunities in Europe, Great Britain, and Latin America. The following is a list of study abroad opportunities:

ENGLAND ABROAD—Explore the history and culture of Britain during a three-week stay in England (Late Spring).

EUROPE BY RAIL—Combine a study of European cultures and history visiting several European countries over the course of a three-week trip.

LATIN AMERICA—Explore the history, language, and culture of Latin America during travel to various countries in Latin America. (Summer)

NEWMAN UNIVERSITY COLLEGE

BIRMINGHAM—Newman University students may engage in a semester exchange with Newman University College Birmingham in England. (NUC Birmingham is an independent institution separate from Newman University in Wichita.)

OUTREACH SITES

Kansas

Newman University maintains a Kansas regional center in Dodge City. Evening and weekend courses are offered at several sites in Central and Western Kansas through Interactive Television or a traditional classroom setting. Course offerings include bachelor's degree completion programs in Elementary Education and Pastoral Ministry. A bachelor's degree completion program in Elementary Education is also offered in Southeast Kansas at Independence Community College and at Labette Community College. Graduate level education courses leading to licensure endorsement and or a degree are offered at numerous sites other than the Newman campus.

Oklahoma

In cooperation with the Archdiocese of Oklahoma City and the Archdiocese of Tulsa, Newman University offers a degree in Pastoral Ministry. The complete program of 10 courses or the equivalent of 30 college hours, is offered at various sites in the Archdiocese of Oklahoma City and in Tulsa.

Colorado

At its site in Colorado Springs, Newman University offers a Master of Social Work (MSW) program, and will begin offering a Bachelor of Social Work program in the fall of 2019. MSW classes are scheduled mainly in evenings and on weekends to accommodate working professionals, and all MSW classes are held in person at the Newman site. Contact the Newman office at 719-520-1214 for further information.

Arkansas

Newman University, in cooperation with the Catholic Diocese of Arkansas, supports the academic development of men in discernment for priestly vocation. Study at this location is only available to members of the Seminararian House of Formation of the Catholic Diocese of Little Rock and for a single program of study as approved by the State of Arkansas.

The B.A. degree in Philosophy of Theological Studies consists of 124 credit hours including General Education and the Newman Studies Program to earn the Bachelor of Arts degree designation.

VETERAN BENEFITS AND CERTIFICATIONS

Newman University programs are approved for Veterans Educational Benefits. Veterans and their dependents and spouses may be eligible for educational benefits through the U.S. Department of Veterans Affairs.

Students who hope to receive veterans' educational benefits at Newman University should request a Certificate of Eligibility (COE) from the VA at 1-888-GI BILL-1 or through the U.S. Department of Veterans Affairs website. The VA will determine whether or not a student is eligible for VA educational benefits. The Registrar's Office at Newman University requires a current copy of the COE before the student's first semester. In addition, an Enrollment Certification Request for VA Education Benefits form must be submitted to the Registrar's Office prior to the start of each semester a student plans to use VA educational benefits. These documents must be completed and submitted to the Registrar's Office before certification can be processed.

Newman University is proud to participate in The Yellow Ribbon GI Educational Enhancement Program, which is designed for qualifying veterans and dependents who wish to attend a private university. A student's tuition and fees costs may exceed the standard Post-9/11 GI Bill® maximum benefit rate. The Yellow Ribbon Program is an agreement with the VA to help cover the additional costs. The VA will match Newman's additional contribution dollar-for-dollar so the student can attend Newman for little to no cost.

GI Bill® is a registered trademark of the United States Department of Veterans Affairs (VA).

VETERAN BENEFITS AND TRANSITION ACT OF 2018 - SECTION 103, PL 115-407

Newman University does not impose any penalty, including assessment of late fees, deny access to classes, libraries or other institutional facilities, or require a Chapter 31 or Chapter 33 recipient to borrow additional funds to cover the individual's inability to meet his/her financial obligations to Newman University due to the delayed disbursement of a payment by the U.S. Department of Veterans Affairs. This applies only if the payments are not received within 90 days of the beginning of the term.

Students are required to provide documentation to ensure they are entitled to GI Bill Benefits no later than the first day of the educational program in which they are enrolling.

The restriction on penalties would not apply in cases where the student owes additional payment to Newman University beyond the amount of the tuition and fee payment from VA to Newman.

MILITARY CREDIT

For students who have earned academic credits while in military service, and which are recorded on a Joint Service Transcript, credit will be accepted per the recommendation of the American Council on Education, provided it otherwise meets the criteria for transfer of credit to Newman University. Students should submit an official Joint Services Transcript along with their application for admission to Newman University.

MILITARY TDY

Newman University is committed to working with our students who are active duty military personnel. Active duty service members may receive orders for a temporary duty station (TDY).

The policy followed at Newman University is:

1. If the TDY is more than three weeks long and the military student knows ahead of time, the student is not enrolled in the class.
2. The faculty member works with the military student going on TDY by doing the following:
 - a. If the TDY falls during the beginning of the course and the faculty member does not think the student can make up the course work, the instructor can suggest the student withdraw from the course and submit a request to the Exceptions Committee to authorize a full tuition refund for the course.
 - b. If the TDY falls at the end of the semester, the faculty member can either give the student an incomplete, allow completion of the coursework/test when the student returns, or allow early completion of the coursework/test.

CONTINUING EDUCATION UNITS (CEU)

The CEU (Continuing Education Unit) is a nationally recognized means of quantifying continuing education learning activities. Students will be able to take non college courses and receive CEU credit in their quest for personal and/or professional enrichment.

UNDERGRADUATE EDUCATIONAL PROGRAM

ASSOCIATE'S DEGREE

General Requirements

The general requirements for the associate of arts and associate of science degrees are as follows:

1. Minimum total credit hours—62 (see specific associate degree requirements).
2. A Minimum of 15 hours of resident credit (excludes non-traditional credit).
3. Cumulative GPA of 2.0.
4. Satisfactory completion of the Newman Studies Program Skills and General Education Course Requirements.
5. Satisfactory completion of two Newman Studies Capstone requirements from two different categories (Human Story, Creative Spirit, Universe We Live In, or Quest for Meaning).
6. Satisfactory completion of specific requirements for a minor to one of the baccalaureate majors listed in the Newman University catalog or an approved associate of science degree curriculum.
7. For AA Only: Satisfactory completion of at least 6 credit hours in a foreign language.
8. Approved application for degree.

The general requirements for the Associate of Science in Health Science are as follows:

1. Minimum total credit hours—62.
2. Resident hours—15 (excludes non-traditional credit).
3. Cumulative GPA of 2.0.
4. Satisfactory completion of the following Newman Studies Program Skills Course Requirements:
MATH 1043 College Algebra
COMM 1013 Oral Communication
ENGL 1003 College Writing I
(See page 31 in this catalog for courses that meet these requirements)
5. Satisfactory completion of the following General Education requirements:
Quest for Meaning Philosophy (PHIL 3033 Ethics recommended) – 3 credit hours
Quest for Meaning Theology – 3 credit hours
(See page 33 in this catalog for courses that meet these requirements.)
6. Satisfactory completion of one lab-based scientific course.
7. Satisfactory completion of specific major requirements.
8. Approved application for degree.

Associate Degrees Available

The associate degree is a two year program in the liberal arts and special areas of study which may be a stepping-stone toward a four year baccalaureate degree or a terminal degree opening the door to professional opportunities.

Students applying for an associate's degree pay the regular graduation fee and file a degree application.

The **ASSOCIATE OF ARTS (AA) DEGREE** is a degree conferred upon any student who has completed a Liberal Arts curriculum.

The **ASSOCIATE OF SCIENCE (AS) DEGREE** is a degree conferred upon any student who has completed a Liberal Arts curriculum and a recommended program for a future career choice.

The **ASSOCIATE OF SCIENCE IN HEALTH SCIENCE (ASHS) DEGREE** is a degree conferred upon any student who has completed a Liberal Arts curriculum and a specific program enabling him/her to be a practicing healthcare professional.

PREPROFESSIONAL CURRICULA

Newman University is prepared to advise and assist students with adequate undergraduate programs as a preparation for certain professions. Advisors work closely with professional schools in providing the broad liberal arts education as well as the restricted courses needed for meeting the requirements for admission into medical, law and other professional schools.

PREMEDICAL students are advised to consult the admission requirements of the medical school they plan to enter. Usually, a four-year liberal arts degree program is a requirement. A wide variety of academic programs which meet all the requirements for admission to medical school are available, including a variety of major areas such as biology, chemistry, psychology, etc.

PREDENTAL students can complete the minimum requirement for admission to most dental schools with three years of academic work, although a bachelor's degree is preferred. Again, pre dental students are advised to learn admissions requirements of a dental school they plan to enter and then work with the pre dental advisors to fulfill that program here.

PRELAW students are encouraged to pursue a course of study which emphasizes skills in analysis and communication. No specific majors are recommended for admission to law school. The American Association of Law Schools and the Committee on Pre-Legal Studies strongly recommend a program of study that is liberal in content. Students interested in law should consult the requirements of the particular schools in which they are interested and work with the prelaw advisors at Newman to determine their program of study.



BACCALAUREATE DEGREE

General Requirements

The general requirements for all baccalaureate degrees are as follows:

Total credit hours—124

Upper division (courses number 3000 or above) credit hours—40

Resident credit hours—30 (excludes non-traditional credit)

Of the last 60 credit hours earned for a Bachelor's degree, 30 credit hours must be resident hours.

Students in the evening programs in Business and Education may transfer a maximum of 12 semester hours during or after completion of their program.

Students in the Pastoral Ministry major may transfer a maximum of 30 semester hours during or after completion of that major. If they transfer more than 6 hours, they are required to complete 45 resident hours, which may include 15 hours nontraditional credit.

Sixty-two (62) credit hours must be from a four-year college/university

Satisfactory completion of specific major requirements (9 upper division hours, excluding nontraditional credit and cooperative education courses, must be resident credit)

Satisfactory completion of general education requirements

Cumulative GPA of 2.0

Completion of university comprehensive assessment activities

Approved application for degree. The application deadline is listed in the online schedule of classes and students are expected to meet that deadline for filing.

BACCALAUREATE DEGREES AVAILABLE

The BACHELOR OF ARTS (BA) DEGREE

reflects the humanistic approach in the study of the major or area of concentration. For the humanities, this is the standard degree. In the other divisions, this is an optional degree designed for specific purposes.

The BACHELOR OF Business

Administration (BBA) DEGREE merges the foundation in liberal arts and sciences with applied professional knowledge in the functional areas of business, including accounting, business law, economics, finance, international business, management, marketing and production.

The BACHELOR OF SCIENCE (BS)

DEGREE is generally directed toward a professional career in a scientific discipline. It includes scientific and research methods necessary for advanced study and/or professional careers in the natural and social sciences.

The BACHELOR OF SCIENCE IN NURSING

(BSN) DEGREE is designed for registered nurses and students in the traditional baccalaureate program. The curriculum combines liberal arts and science courses which provide a general and professional education.

EDUCATIONAL PROGRAM OFFERINGS

A **MAJOR** is a student's primary area of academic emphasis with a varying total number of required credit hours, courses, and where applicable, tests defined by the respective discipline and approved by the faculty.

A **MINOR** is a student's field of secondary academic emphasis with a minimum of 15 credit hours defined by the respective discipline and approved by the faculty.

A **CONCENTRATION** is a student's particular emphasis within his/her major field with determination of credit hours and courses made by the respective discipline and approved by the faculty.

SPECIFIC REQUIREMENTS FOR MAJORS, MINORS, CONCENTRATIONS, PROGRAMS AND ASSOCIATE DEGREES

The programs described below are those currently offered by Newman University. Some modifications to these programs may be made as part of the ongoing curriculum review process.

ACCOUNTING major (BS)

66 total credit hours including:

ACCT 2113 Financial Accounting
 ACCT 2123 Managerial Accounting
 ACCT 3033 Intermediate Financial Accounting 1
 ACCT 3043 Intermediate Financial Accounting 2
 ACCT 3053 Taxation 1
 ACCT 3063 Cost Accounting
 ACCT 3073 Taxation 2
 ACCT 4023 Accounting Info Systems
 ACCT 4033 Auditing Principles
 BDA 3103 Intro to Data Analytics
 BSAD 2013 Principles of Management
 BSAD 3013 Principles of Marketing
 BSAD 3053 Managerial Finance
 BSAD 3073 Operations Management
 BSAD 3193 Business Ethics
 BSAD 3103 Legal Environ of Business
 BSAD 3303 Business Communication & Prof Skills
 BSAD 4103 Commercial Transact & Business Assoc
 BSAD 4113 Business Internship
 ECON 2013 Macroeconomics
 ECON 2023 Microeconomics
 MATH 2033 Prob & Stat 1

A grade of "C" or better is required in all courses for this major.

Students who anticipate sitting for the C.P.A. examination should see their advisor regarding specific prerequisite courses for the exam.

ACCOUNTING minor

15 total credit hours including:

ACCT 2113 Financial Accounting
 ACCT 2123 Managerial Accounting
 ACCT 3033 Intermediate Financial Accounting 1
 ACCT 3043 Intermediate Financial Accounting 2 **or**
 ACCT 3053 Taxation **or**
 ACCT 4023 Accounting Information Systems
 ACCT 3063 Cost Accounting

ART major (BA)

51 total credit hours including:

CORE COURSES:

ART 3363 Digital and Media Culture
 ART 3423 Topography
 COMM 2143 Intermediate Oral Communication
 ENGL 2103 Intermediate Writing
 GNST 2001 College Research Literacy
 SPAN 1014 Elementary Spanish 1
 SPAN 1024 Elementary Spanish 2
 THTR 2113 Creative Performance

MAJOR COURSES:

ART 2223 Drawing Foundation
 ART 2233 Design Foundation
 ART 2243 3D Design Foundation
 ART 3503 Ancient & Renaissance Art
 ART 4153 Modern Art History
 ART 4773 Senior Capstone

ELECTIVES (select 3 courses/9 hours):

ART 2043 Painting
 ART 3033 Performative Installation
 ART 3443 Layout and Production
 ART 3543 Design Thinking/Data Visualization
 ART 4033 Public Art and Community Practice
 ART 4083 Digital Media and Culture 2
 ART 4133 Design Thinking and Human Centered Design
 ART 4223 Advanced Drawing
 ART 2023 Photography 1
 ART 2043 Painting 1
 ART 2103 Handbuilding with Clay 1 **or**
 ART 2113 Throwing with Clay 1
 ART 2223 Drawing 1
 ART 2233 Design 1
 ART 2243 Sculpture 1
 ART 2313 Printmaking 1
 ART 3223 Drawing 2
 ART 3233 Design 2
 ART 3363 Digital Media & Culture 1
 ART 3503 Ancient Art
 ART 3513 Renaissance Art
 ART 4153 Modern Art
 ART 4773 Senior Project

Electives—18-21 credit hours selected from:

ART 1013 Art Appreciation
 ART 2103 Handbuilding w/Clay 1
 ART 2113 Throwing w/Clay 1
 ART 288- Selected Topics in Art
 ART 3023 Photography 2
 ART 3043 Painting 2
 ART 3103 Handbuilding w/Clay 2
 ART 3113 Throwing w/Clay 2
 ART 3123 Digital Imaging 1
 ART 3153 Hist of Graphic Design
 ART 3243 Sculpture 2
 ART 3313 Printmaking 2
 ART 3423 Typography
 ART 3433 Layout and Production
 ART 3533 Materials / Processes
 ART 3543 Design Thinking / Data Visual
 ART 4003 Figure Drawing
 ART 4023 Aesthetics
 ART 4043 Painting 3
 ART 4123 Digital Imaging 2
 ART 4203 Handbuilding w/Clay 3
 ART 4213 Throwing w/Clay 3
 ART 4223 Drawing 3
 ART 4243 Sculpture 3
 ART 4313 Printmaking 3
 ART 4763 Adv Art Studio
 ART 488- Selected Topics in Art
 ART 495- Cooperative Education
 ART 499- Independent Study

ART minor

18 total credit hours including:

ART 1013 Art Appreciation

UNDERGRADUATE EDUCATIONAL PROGRAM

ART 2223 Drawing 1

ART 3223 Drawing 2

Elective - 3 credit hours selected from:

ART 2883 Sel Tpcs w/historical content

ART 3503 Ancient Art

ART 3513 Renaissance Art

ART 4153 Modern Art

ART 4883 Sel Tpcs w/historical content

Electives - 6 credit hours selected from one of the following groupings:

ART 2023 Photography 1 **and**

ART 3023 Photography 2

ART 2043 Painting 1 **and**

ART 3043 Painting 2

ART 2103 Handbuilding w/Clay 1 **and**

ART 3103 Handbuilding w/Clay 2

ART 2113 Throwing w/Clay 1 **and**

ART 3113 Throwing w/Clay 2

ART 2243 Sculpture 1 **and**

ART 3243 Sculpture 2

ART 2313 Printmaking 1 **and**

ART 3313 Printmaking 2

BIOCHEMISTRY major (BS)

70-72 total credit hours including:

BIOL 1011 Gen Bio 1 Lab

BIOL 1013 Gen Bio 1

BIOL 3041 Genetics Prob Session

BIOL 3051 Genetics Lab

BIOL 3053 Genetics

BIOL/CHEM 4102 Biochem Lab

BIOL/CHEM 4103 Biochem

BIOL 4152 Cell & Molecular Biol Lab

BIOL 4153 Cell & Molecular Biol

CHEM 1010 Gen Chem 1 Problem Session

CHEM 1012 Gen Chem 1 Lab

CHEM 1013 Gen Chem 1

CHEM 1020 Gen Chem 2 Problem Session

CHEM 1022 Gen Chem 2 Lab

CHEM 1023 Gen Chem 2

CHEM 3001 Chem Sem

CHEM 3010 Org Chem 1 Problem Session

CHEM 3012 Org Chem 1 Lab

CHEM 3013 Org Chem 1

CHEM 3020 Org Chem 2 Problem Session

CHEM 3022 Org Chem 2 Lab

CHEM 3023 Org Chem 2

CHEM 3062 Analyt Chem 1 Lab

CHEM 3063 Analyt Chem 1

CHEM 4123 Bio-Organic Chem

CHEM 4202 Chem Thermodynamics

CHEM 4212 Chem Kinetics

MATH 2015 Calculus 1

MATH 2025 Calculus 2

PHSC 2011 Physics 1 Lab

PHSC 2013 Physics 1 **or**

PHSC 2021 Physics 2 Lab

PHSC 2023 Physics 2 **or**

PHSC 2114 Calc Based Phys 1

PHSC 2124 Calc Based Phys 2

BIOLOGY major (BA)

42-44 total credit hours including:

BIOL 1011 Gen Bio 1 Lab

BIOL 1013 Gen Bio 1

BIOL 1021 Gen Bio 2 Lab

BIOL 1023 Gen Bio 2

BIOL 2031 Human Anat Ident Lab

BIOL 2032 Human Anatomy

BIOL 2041 Microbiology Lab

BIOL 2042 Microbiology **or**

BIOL 3143 Microbiology for Sci Maj

BIOL 2051 Human Phys Lab

BIOL 2052 Human Phys **or**

BIOL 2063 Phys for Sci Maj

BIOL 3041 Genetics Prob Session

BIOL 3051 Genetics Lab

BIOL 3053 Genetics

BIOL 4051 Biology Colloquium

BIOL 4071 Bio Senior Sem

BIOL Electives (above 3000)-5 credit hours

CHEM 1010 Gen Chem 1 Problem Session

CHEM 1012 Gen Chem 1 Lab

CHEM 1013 Gen Chem 1
 CHEM 1020 Gen Chem 2 Problem Session
 CHEM 1022 Gen Chem 2 Lab
 CHEM 1023 Gen Chem 2
 MATH 2033 Prob & Stat 1

BIOLOGY major (BS)
54-89 total credit hours including:

BIOL 1011 Gen Bio 1 Lab
 BIOL 1013 Gen Bio 1
 BIOL 1021 Gen Bio 2 Lab
 BIOL 1023 Gen Bio 2
 BIOL 2031 Human Anat Ident Lab
 BIOL 2032 Human Anatomy
 BIOL 2041 Microbiology Lab
 BIOL 2042 Microbiology **or**
 BIOL 3143 Microbiology for Sci Maj
 BIOL 2051 Human Phys Lab
 BIOL 2052 Human Phys **or**
 BIOL 2063 Phys for Sci Maj
 BIOL 3041 Genetics Prob Session
 BIOL 3051 Genetics Lab
 BIOL 3053 Genetics
 BIOL 4051 Biology Colloquium
 BIOL 4071 Bio Senior Sem
 CHEM 1010 Gen Chem 1 Problem Session
 CHEM 1012 Gen Chem 1 Lab
 CHEM 1013 Gen Chem 1
 CHEM 1020 Gen Chem 2 Problem Session
 CHEM 1022 Gen Chem 2 Lab
 CHEM 1023 Gen Chem 2
 MATH 2033 Prob & Stat 1
 and a concentration in biology teacher, biomedical research, general biology, pre-chiropractic, pre-dentistry, pre-medical technology, pre-medicine, pre-occupational therapy, pre-optometry, pre-pharmacy, pre-physical therapy, pre-physician assistant, or pre-veterinary medicine. (Students are permitted to obtain only one area of concentration in their degree.)

Concentration in Biology Teacher
(50 credit hours)

BIOL 4953 Coop Educ: Biol
 BIOL Electives - 3 credit hours in course over 3000
 EDUC 2002 Intro to Educ thru Fld Exper 1
 EDUC 3003 Exceptional Child
 EDUC 3113 Found & Phil of Educ
 EDUC 3123 Instruc Planning
 EDUC 3133 Ed Psych: Learning & Eval
 EDUC 3152 Middle Sch Meth
 EDUC 3162 Technology in the Classroom
 EDUC 3363 Reaching & Tchg Diverse Learner
 EDUC 4002 Sec Educ Field Experience
 EDUC 4013 Art & Sci of Tchg
 EDUC 4023 Spec Meth Sec Tchg: (Area)
 EDUC 4032 Read Skills Sec Sch Content
 EDUC 4033 Prin of Sec Tchg
 EDUC 4055 Tchg Internship: Middle
 EDUC 4065 Tchg Internship: Sec

Concentration in Biomedical Research
(31 credit hours)

BIOL 3123 Immunology
 BIOL 4002 Human Embryology
 BIOL/CHEM 4102 Biochem Lab
 BIOL/CHEM 4103 Biochem
 BIOL 4152 Cell & Molecular Biol Lab
 BIOL 4153 Cell & Molecular Biol
 CHEM 3010 Org Chem 1 Problem Session
 CHEM 3012 Org Chem 1 Lab
 CHEM 3013 Org Chem 1
 MATH 1053 Trigonometry
 PHSC 2011 Physics 1 Lab
 PHSC 2013 Physics 1
 PHSC 2021 Physics 2 Lab
 PHSC 2023 Physics 2

Concentration in General Biology (26 credit hours)

BIOL 2053 Nutrition
 BIOL 4002 Human Embryology
 BIOL 4062 Biology Research
 BIOL 4152 Cell & Molecular Biol Lab
 BIOL 4153 Cell & Molecular Biol
 BIOL Electives (above 3000) - 3 credit hours
 MATH 1053 Trigonometry
 PHSC 2011 Physics 1 Lab
 PHSC 2013 Physics 1
 PHSC 2021 Physics 2 Lab
 PHSC 2023 Physics 2

Concentration in Pre-Chiropractic (41 credit hours)

BIOL 2053 Nutrition
 BIOL 3033 Adv Anatomy
 BIOL 3303 Exercise Physiology
 BIOL 3323 Kinesiology
 BIOL/CHEM 4102 Biochem Lab
 BIOL/CHEM 4103 Biochem
 BIOL 4123 Internship in Sports Med
 CHEM 3010 Org Chem 1 Problem Session
 CHEM 3012 Org Chem 1 Lab
 CHEM 3013 Org Chem 1
 CHEM 3020 Org Chem 2 Problem Session
 CHEM 3022 Org Chem 2 Lab
 CHEM 3023 Org Chem 2
 MATH 1053 Trigonometry
 PHSC 2011 Physics 1 Lab
 PHSC 2013 Physics 1
 PHSC 2021 Physics 2 Lab
 PHSC 2023 Physics 2

Concentration in Pre-Dentistry (38 credit hours)

BIOL 3054 Pathophysiology
 BIOL 3123 Immunology
 BIOL/CHEM 4102 Biochem Lab
 BIOL/CHEM 4103 Biochem
 BIOL 4152 Cell & Molecular Biol Lab
 BIOL 4153 Cell & Molecular Biol
 CHEM 3010 Org Chem 1 Problem Session
 CHEM 3012 Org Chem 1 Lab

UNDERGRADUATE EDUCATIONAL PROGRAM

CHEM 3013 Org Chem 1
CHEM 3020 Org Chem 2 Problem Session
CHEM 3022 Org Chem 2 Lab
CHEM 3023 Org Chem 2
MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab
PHSC 2013 Physics 1
PHSC 2021 Physics 2 Lab
PHSC 2023 Physics 2

Concentration in Pre-Medical Technology (17 credit hours)

BIOL 3054 Pathophysiology
BIOL 3123 Immunology
BIOL/CHEM 4102 Biochem Lab
BIOL/CHEM 4103 Biochem
CHEM 3010 Org Chem 1 Problem Session
CHEM 3012 Org Chem 1 Lab
CHEM 3013 Org Chem 1

Concentration in Pre-Medicine (40 credit hours)

BIOL 3054 Pathophysiology
BIOL 3123 Immunology
BIOL 4002 Human Embryology
BIOL/CHEM 4102 Biochem Lab
BIOL/CHEM 4103 Biochem
BIOL 4152 Cell & Molecular Biol Lab
BIOL 4153 Cell & Molecular Biol
CHEM 3010 Org Chem 1 Problem Session
CHEM 3012 Org Chem 1 Lab
CHEM 3013 Org Chem 1
CHEM 3020 Org Chem 2 Problem Session
CHEM 3022 Org Chem 2 Lab
CHEM 3023 Org Chem 2
MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab
PHSC 2013 Physics 1
PHSC 2021 Physics 2 Lab
PHSC 2023 Physics 2

Concentration in Pre-Occupational Therapy (30 credit hours)

BIOL 2022 Medical Terminology
BIOL 2053 Nutrition
BIOL 3033 Adv Anatomy
BIOL 3303 Exercise Physiology
BIOL 3323 Kinesiology
BIOL 4123 Internship in Sports Med
MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab
PHSC 2013 Physics 1
PSY Electives – 6 credit hours

Concentration in Pre-Optometry (21 credit hours)

BIOL/CHEM 4102 Biochem Lab
BIOL/CHEM 4103 Biochem
CHEM 3010 Org Chem 1 Problem Session
CHEM 3012 Org Chem 1 Lab
CHEM 3013 Org Chem 1

MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab
PHSC 2013 Physics 1
PHSC 2021 Physics 2 Lab
PHSC 2023 Physics 2

Concentration in Pre-Pharmacy (39 credit hours)

BIOL 3123 Immunology
BIOL/CHEM 4102 Biochem Lab
BIOL/CHEM 4103 Biochem
BIOL 4152 Cell & Molecular Biol Lab
BIOL 4153 Cell & Molecular Biol
CHEM 3010 Org Chem 1 Problem Session
CHEM 3012 Org Chem 1 Lab
CHEM 3013 Org Chem 1
CHEM 3020 Org Chem 2 Problem Session
CHEM 3022 Org Chem 2 Lab
CHEM 3023 Org Chem 2
CHEM 3062 Analyt Chem 1 Lab
CHEM 3063 Analyt Chem 1
CHEM 3221 Org Chem 2 Lab
MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab
PHSC 2013 Physics 1
PHSC 2021 Physics 2 Lab
PHSC 2023 Physics 2

Concentration in Pre-Physical Therapy (30 credit hours)

BIOL 2022 Medical Terminology
BIOL 2053 Nutrition
BIOL 3033 Adv Anatomy
BIOL 3303 Exercise Physiology
BIOL 3323 Kinesiology
BIOL 4123 Internship in Sports Med
BIOL/CHEM Electives –2 credit hours in courses over 3000
MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab
PHSC 2013 Physics 1
PHSC 2021 Physics 2 Lab
PHSC 2023 Physics 2

Concentration in Pre-Physician Assistant (33 credit hours)

BIOL 3054 Pathophysiology
BIOL 3123 Immunology
BIOL/CHEM 4102 Biochem Lab **and**
BIOL/CHEM 4103 Biochem **or**
CHEM 3020 Org Chem 2 Problem Session **and**
CHEM 3022 Org Chem 2 Lab **and**
CHEM 3023 Org Chem 2
BIOL 4152 Cell & Molecular Biol Lab **and**
BIOL 4153 Cell & Molecular Biol
CHEM 3010 Org Chem 1 Problem Session **and**
CHEM 3012 Org Chem 1 Lab **and**
CHEM 3013 Org Chem 1
MATH 1053 Trigonometry
PHSC 2011 Physics 1 Lab **and**
PHSC 2013 Physics 1
PHSC 2021 Physics 2 Lab **and**

PHSC 2023 Physics 2

**Concentration in Pre-Veterinary Medicine
(35 credit hours)**

BIOL 3054 Pathophysiology
 BIOL 3123 Immunology
 BIOL 4002 Human Embryology
 BIOL/CHEM 4102 Biochem Lab
 BIOL/CHEM 4103 Biochem
 CHEM 3010 Org Chem 1 Problem Session
 CHEM 3012 Org Chem 1 Lab
 CHEM 3013 Org Chem 1
 CHEM 3020 Org Chem 2 Problem Session
 CHEM 3022 Org Chem 2 Lab
 CHEM 3023 Org Chem 2
 MATH 1053 Trigonometry
 PHSC 2011 Physics 1 Lab
 PHSC 2013 Physics 1
 PHSC 2021 Physics 2 Lab
 PHSC 2023 Physics 2

BIOLOGY minor

19 total credit hours including:

BIOL 1011 Gen Bio 1 Lab
 BIOL 1013 Gen Bio 1
 BIOL 1021 Gen Bio 2 Lab
 BIOL 1023 Gen Bio 2
 BIOL 2041 Microbiology Lab
 BIOL 2042 Microbiology
 BIOL 3041 Genetics Prob Session
 BIOL 3051 Genetics Lab
 BIOL 3053 Genetics
 BIOL elective (above 3000)—3 credit hours

BIOMEDICAL SCIENCE major (BS)

62-63 total credit hours including:

BIOL 1011 Gen Bio 1 Lab
 BIOL 1013 Gen Bio 1
 BIOL 2031 Human Anat Ident Lab
 BIOL 2032 Human Anatomy
 BIOL 2051 Human Phys Lab
 BIOL 2052 Human Phys **or**
 BIOL 2063 Phys for Sci Maj
 BIOL 3041 Genetics Prob Session
 BIOL 3051 Genetics Lab
 BIOL 3053 Genetics
 BIOL 4152 Cellular & Molecular Bio Lab
 BIOL 4153 Cellular & Molecular Biology
 CHEM 1010 Gen Chem 1 Problem Session
 CHEM 1012 Gen Chem 1 Lab
 CHEM 1013 Gen Chem 1
 CHEM 1020 Gen Chem 2 Problem Session
 CHEM 1022 Gen Chem 2 Lab
 CHEM 1023 Gen Chem 2
 MATH 2033 Prob & Stat 1
 MATH 2015 Calculus 1
 MATH 2025 Calculus 2
 MATH 3033 Differential Equations
 MIS 2213 Programming 1
 MIS 3023 Database Design and SQL

PHSC 2114 Calc Based Physics 1

PHSC 2124 Calc Based Physics 2

BUSINESS minor

21 total credit hours including:

ACCT 2113 Financial Accounting
 ACCT 2123 Managerial Accounting
 BSAD 2013 Principles of Management
 BSAD 3013 Principles of Marketing
 BSAD 3053 Managerial Finance
 ECON 2023 Microeconomics
 MATH 2033 Prob & Stat 1

**BUSINESS AND STRATEGIC
INTELLIGENCE major (BS)**

Offered exclusively online

42 total credit hours including:

BDA 3103 Intro to Data Analytics
 BDA 3113 Business Intelligence
 BSI 3003 Intro to Intelligence Studies
 BSI 3103 Crit Thinking & Psych in Intelligence Analy
 BSI 3123 Law Enforce Intelligence/Counteracting Terror
 BSI 3143 Intelligence Collection
 BSI 4103 Law & Ethics in Intelligence
 BSI 4123 International Relations Theory
 BSI 4143 Open Source Intel (OSINT) & Soc Media Analy
 COMM 3013 Cross-Cultural Communication
 ECON 2013 Macroeconomics
 MATH 2033 Prob & Stats 1
 MIS 3023 Database Design and SQL
 PSN 3073 The Cold War

BUSINESS COMMUNICATION minor

21 total credit hours including:

BSAD 3013 Principles of Marketing **or**
 COMM 1033 Group Communication
 COMM 2033 Professional Presentations
 COMM 2123 Communication & Computer Technology
 COMM 3013 Crosscultural Communication
 COMM 3053 Organizational Communication
 ENGL/COMM 3093 Bus & Prof Writing

BUSINESS DATA ANALYTICS major (BS)

57 total credit hours including:

ACCT 2113 Financial Accounting **or**
 ACCT 2123 Managerial Accounting
 BDA 3103 Intro to Data Analytics
 BDA 3113 Business Intelligence
 BDA 3123 Data Analytics Programming
 BDA 4313 Predictive Analytics
 BDA 4703 Data Analytics Capstone
 BSAD 2013 Principles of Management
 BSAD 3013 Principles of Marketing
 BSAD 3053 Managerial Finance
 BSAD 3193 Business Ethics
 BSAD 3303 Business Communication & Prof Skills
 BSAD 3353 Emotional Intelligence in Business
 BSAD 4113 Business Internship
 MATH 2033 Probability & Statistics
 MIS 3023 Database Design & SQL
 MIS 4413 Systems Analysis and Design OR
 MIS 4423 Information Systems Project Mgmt

UNDERGRADUATE EDUCATIONAL PROGRAM

Electives 9 hours:

Upper division BDA or MIS course

MATH 2043 Probability & Statistics 2

MATH 3053 Statistical Modeling

BUSINESS DATA ANALYTICS minor **18 total credit hours including:**

BDA 3103 Intro to Data Analytics

BDA 3113 Business Intelligence

BDA 3123 Data Analytics Programming

BDA 4313 Predictive Analytics

MATH 2033 Probability & Statistics **or**

PSY 3063 Applied Statistics

MIS 3023 Database Design and SQL

CHEMISTRY major (BA) **44-46 total credit hours including:**

CHEM 1010 Gen Chem 1 Problem Session

CHEM 1012 Gen Chem 1 Lab

CHEM 1013 Gen Chem 1

CHEM 1020 Gen Chem 2 Problem Session

CHEM 1022 Gen Chem 2 Lab

CHEM 1023 Gen Chem 2

CHEM 3001 Chem Sem

CHEM 3010 Org Chem 1 Problem Session

CHEM 3012 Org Chem 1 Lab

CHEM 3013 Org Chem 1

CHEM 3020 Org Chem 2 Problem Session

CHEM 3022 Org Chem 2 Lab

CHEM 3023 Org Chem 2

CHEM 3062 Analyt Chem 1 Lab

CHEM 3063 Analyt Chem 1

CHEM 4202 Chem Thermodynamics

CHEM Electives (above 3000)–3 credit hours

MATH 2015 Calculus 1

PHSC 2011 Physics 1 Lab **and**

PHSC 2013/2015 Physics 1 **or**

PHSC 2021 Physics 2 Lab **and**

PHSC 2023/2025 Physics 2 **or**

PHSC 2114 Calc Based Physics 1

PHSC 2124 Calc Based Physics 2

CHEMISTRY major (BS) **58-88 credits total credit hours including:**

CHEM 1010 Gen Chem 1 Problem Session

CHEM 1012 Gen Chem 1 Lab

CHEM 1013 Gen Chem 1

CHEM 1020 Gen Chem 2 Problem Session

CHEM 1022 Gen Chem 2 Lab

CHEM 1023 Gen Chem 2

CHEM 3001 Chem Sem

CHEM 3010 Org Chem 1 Problem Session

CHEM 3012 Org Chem 1 Lab

CHEM 3013 Org Chem 1

CHEM 3033 Adv Inorganic Chem

CHEM 3062 Analyt Chem 1 Lab

CHEM 3063 Analyt Chem 1

CHEM 4202 Chem Thermodynamics

MATH 2015 Calculus 1

PHSC 2011 Physics 1 Lab **and**

PHSC 2013 Physics 1 **or**

PHSC 2021 Physics 2 Lab **and**

PHSC 2023 Physics 2 **or**

PHSC 2114 Calc Based Physics 1

PHSC 2124 Calc Based Physics 2

and a concentration in forensic science, industrial chemistry, pre-pharmacy, research emphasis, or teaching emphasis. (Students are permitted to obtain only one area of concentration in their degree.)

Concentration in Forensic Science **(58-60 credit hours)**

BIOL 1011 Gen Bio 1 Lab

BIOL 1013 Gen Bio 1

BIOL 1021 Gen Bio 2 Lab

BIOL 1023 Gen Bio 2

BIOL 2041 Microbiology Lab

BIOL 3143 Microbiology for Science Majors

BIOL/CHEM 4102 Biochem Lab

BIOL/CHEM 4103 Biochem

CHEM 4022 Analyt Chem 2 Lab

CHEM 4023 Analyt Chem 2

Concentration in Industrial Chemistry **(64-66 credit hours)**

BIOL/CHEM 4102 Biochem Lab

BIOL/CHEM 4103 Biochem

BSAD 2013 Prin of Management

BSAD 3013 Principles of Marketing

BSAD 3043 Mgt & Org Behavior

CHEM 3020 Org Chem 2 Problem Session

CHEM 3022 Org Chem 2 Lab

CHEM 3023 Org Chem 2

CHEM 3041 Environmental Chem Lab

CHEM 3043 Environmental Chem

CHEM 4062 Chem Research

ECON 2013 Microeconomics

Concentration in Pre-Pharmacy **(75-77 credit hours)**

BIOL 1011 Gen Bio 1 Lab

BIOL 1013 Gen Bio 1

BIOL 1021 Gen Bio 2 Lab

BIOL 1023 Gen Bio 2

BIOL 2031 Human Anat Ident Lab

BIOL 2032 Human Anatomy

BIOL 2041 Microbiology Lab

BIOL 3143 Microbiology for Science Majors

BIOL 2051 Human Phys Lab

BIOL 2063 Phys for Sci Majors

BIOL/CHEM 4102 Biochem Lab

BIOL/CHEM 4103 Biochem

CHEM 3020 Org Chem 2 Problem Session

CHEM 3022 Org Chem 2 Lab

CHEM 3023 Org Chem 2

CHEM 4212 Kinetics

MATH 2033 Prob & Stats 1

MATH 2025 Calculus 2

**Concentration in Research Emphasis
(68-70 credit hours)**

BIOL/CHEM 4102 Biochem Lab
 BIOL/CHEM 4103 Biochem
 CHEM 3020 Org Chem 2 Problem Session
 CHEM 3022 Org Chem 2 Lab
 CHEM 3023 Org Chem 2
 CHEM 4022 Analyt Chem 2 Lab
 CHEM 4023 Analyt Chem 2
 CHEM 4062 Chem Research
 CHEM 4062 Chem Research
 CHEM 4212 Chem Kinetics
 CHEM 4213 Quantum Chemistry
 MATH 2025 Calculus 2

**Concentration in Teaching Emphasis
(86-88 credits)**

CHEM 4213 Quantum Chemistry
 EDUC 2002 Intro to Educ thru Fld Exper 1
 EDUC 3003 Exceptional Child
 EDUC 3113 Foundations and Philosophy of Education
 EDUC 3123 Instructional Planning
 EDUC 3133 Ed Psych: Learning & Eval
 EDUC 3152 Middle School Methods
 EDUC 3162 Technology in the Classroom
 EDUC 3363 Teaching Diverse Learner
 EDUC 4002 Sec Educ Field Experience
 EDUC 4013 Art & Science of Teaching
 EDUC 4023 Spec Methods Sec Tchg: (Area)
 EDUC 4032 Read Skills Sec School Content
 EDUC 4033 Prin of Secondary Teaching
 EDUC 4055 Teaching Internship: Middle
 EDUC 4065 Teaching Internship: Secondary

**CHEMISTRY minor
26 total credit hours including:**

CHEM 1010 Gen Chem 1 Problem Session
 CHEM 1012 Gen Chem 1 Lab
 CHEM 1013 Gen Chem 1
 CHEM 1020 Gen Chem 2 Problem Session
 CHEM 1022 Gen Chem 2 Lab
 CHEM 1023 Gen Chem 2
 CHEM 3001 Chem Sem
 CHEM 3010 Org Chem 1 Problem Session
 CHEM 3012 Org Chem 1 Lab
 CHEM 3013 Org Chem 1
 CHEM 3020 Org Chem 2 Problem Session **and**
 CHEM 3022 Org Chem 2 Lab **and**
 CHEM 3023 Org Chem 2 **or**
 BIOL/CHEM 4102 Biochem Lab **and**
 BIOL/CHEM 4103 Biochemistry
 CHEM 3062 Analyt Chem 1 Lab
 CHEM 3063 Analyt Chem 1

**CHORAL MUSIC minor
18 total credit hours including:**

MUS–Piano (1–2 credit hours)
 MUS–Voice (1–2 credit hours)
 MUS–Chorale/Troubadours (8 credit hours)
 MUS 1043 Music Theory 1

MUS 2093 Heritage of West Music
 An entrance exam will be given in Music Theory. Students testing out of one or two semesters of Music Theory will be required additional coursework from the following list of courses (total of 3 or 6 credit hours):
 MUS–Men’s Ensemble
 MUS–Women’s Ensemble
 MUS–Piano
 MUS–Voice
 MUS–Chorale
 MUS–Troubadours
 MUS 1053 Music Theory 2
 MUS 3083 American Music

**COMMUNICATION major (BA)
47 total credit hours including:**

CORE COURSES:

ART 3363 Digital and Media Culture
 ART 3423 Typography
 COMM 2143 Intermediate Oral Communication
 ENGL 2103 Intermediate Writing
 GNST 2001 College Research Literacy
 SPAN 1014 Elementary Spanish 1
 SPAN 1024 Elementary Spanish 2
 THTR 2113 Creative Performance

MAJOR COURSES:

ART 3433 Layout and Production
 COMM 2033 Professional Presentations
 COMM 2113 Interpersonal & Small Group Team Building
 COMM 3183 Digital Marketing
 COMM 3203 Social Media for Promotion & Communication
 COMM 4013 Persuasion
 COMM 4603 Senior Seminar
 COMM 4952 Cooperative Education
 COMM 1003 Intro to Mass Comm
 COMM 1013 Oral Communication
 COMM 2033 Prof Presentations
 COMM/BSAD 2043 Prin & Pract Pub Rel **or**
 COMM 4013 Persuasion **or**
 COMM 4033 Crit Think & Argument
 COMM 4003 Theories of Comm
 COMM 4603 Comm Sr Seminar
 COMM 4953 Coop Educ: Comm
 Electives – 6 credit hours selected from:
 COMM 1023 Intro to Journalism
 COMM 1033 Group Communication
 COMM 2103 Interpersonal Comm
 Electives – 6 credit hours selected from:
 COMM 2123 Comm & Computer Tech
 COMM 3163 Rhetorical Thry & Crit
 SOC/PSY 4053 Meth of Research
 Electives – 6 credit hours selected from:
 COMM 3033 Feature Writing
 COMM 3053 Organizational Comm
 COMM 3103 Journ Pract: Beat Reporting
 COMM 3113 Journ Pract: Copy Edit/Layout
 COMM 3133 Journ Pract: Advertising
 COMM 3143 Journ Pract: Photo
 COMM 3153 Journ Pract: Newspaper Mgt

UNDERGRADUATE EDUCATIONAL PROGRAM

ENGL/COMM-3093 Bus & Prof Writ
Foreign Language—2 semesters, college level

COMMUNICATION minor

18 total credit hours including:

COMM 1003 Intro to Mass Communication
COMM 1013 Oral Communication
COMM 2033 Prof Presentations
COMM 4003 Theories of Comm
COMM Electives—6 credit hours

CRIMINAL JUSTICE major (BS)

42 total credit hours including:

CRJ 1003 Perspect on Subs Use/Abuse
CRJ 1013 Intro Crim Justice
CRJ/SOC 2023 Police Operations
CRJ/SOC 4103 Criminal Law
PSY/SOC/CRJ 3063 Applied Statistics
SOC/CRJ 2013 Comparative Crim Justice
SOC/CRJ 3033 Juvenile Delinquency
SOC/CRJ 3073 Criminology
SOC/CRJ 3093 Corrections
SOC/PSY/CRJ 4053 Meth of Research
SOC/CRJ 4063 Research & Writing Seminar
Electives—9 credit hours selected from:

BIOL/ANTH/CRJ 4031, 4032 Forensic Science/ Lab
CRJ 288- Selected Topics in CRJ
CRJ/SOC 3113 Criminal Invest
CRJ/SOC 3163 Crim Justice Organizations
CRJ/SOC 4153 Criminalistics
CRJ 488- Selected Topics in CRJ
CRJ 4953 Cooperative Education
CRJ 499- Independent Study
PSY 3053 Abnormal Psych
PSY 4883 Forensic Psychology
SOC/CRJ 2003 Amer Minorities
SOC 3003 Social Problems
SOC 3013 Soc of the Family
SOC 3023 Deviant Behavior
SOC/CRJ 3143 Gangs: Culture & Crime
SOC/CRJ 4023 Sociology of Law

CRIMINAL JUSTICE minor

18 total credit hours including:

CRJ 1013 Intro Crim Justice
CRJ/SOC 2023 Police Operations
CRJ/SOC 4103 Criminal Law
CRJ Electives – 6 credit hours
SOC/CRJ 3093 Corrections

EDUCATION, EARLY CHILDHOOD

UNIFIED major (BS)

Formal admission to this program is required.

See page 108 for detailed information.

74 total credit hours including:

EDUC 2002 Intro to Educ thru Fld Exper 1
EDUC 2083 Methods Using Child Lit **or**
ENGL/EDUC 2073 Lit for Child & Adol
EDUC 3003 The Exceptional Child
EDUC 3023 Tchg Reading Elem Sch

EDUC 3113 Found & Phil of Educ
EDUC 3133 Ed Psych: Learning & Eval
EDUC 3123 Instruc Planning
EDUC 3162 Technology in the Classroom
EDUC 3173 Primary Methods/Early Child Dev
EDUC 3222 Methods of Tchg Fine Arts
EDUC 3252 Tchg Soc Studies in Elem Cllsrm
EDUC 3273 Meth Tchg Integrated Lang Arts
EDUC 3322 Meth of Tchg PE & Health
EDUC 3343 Tchg Sci in Elem Cllsrm
EDUC 3363 Reaching & Tchg Diverse Learner
EDUC 3403 Found of EC/Family/Community
EDUC 3412 Early Child Field Exper: Infants/Toddlers
EDUC 3413 Curr, Instruct & Assess: Infants & Toddlers
EDUC 3423 Spec Ed Inclusive Strategies
EDUC 3442 Early Child Field Exper: Preschool
EDUC 3443 Curr, Instruct & Assess: Preschool
EDUC 3503 Fund of Math 1 for K-6 Tchrs
EDUC 3512 Fund of Math 2 for K-6 Tchrs
EDUC 4013 Art & Sci of Tchg
EDUC 4040 Tchg Internship: Elem **or**
EDUC 4035 Tchg Internship: Early Childhood **and**
EDUC 4045 Tchg Internship: Elementary

EDUCATION, ELEMENTARY major (BS)

Formal admission to this program is required.

See page 108 for detailed information.

58 total credit hours including:

EDUC 2002 Intro to Educ thru Fld Exper 1
EDUC 2083 Methods Using Child Lit **or**
ENGL/EDUC 2073 Lit for Child & Adol
EDUC 3003 Exceptional Child
EDUC 3023 Tchg Reading Elem Sch
EDUC 3113 Found & Phil of Educ
EDUC 3123 Instruc Planning
EDUC 3133 Ed Psych: Learning & Eval
EDUC 3162 Technology in the Classroom
EDUC 3173 Primary Meth/Early Child Dev
EDUC 3222 Methods of Tchg Fine Arts
EDUC 3252 Tchg Soc Studies in Elem Cllsrm
EDUC 3273 Meth of Tchg Integrated Lang Arts
EDUC 3322 Meth of Tchg PE & Health
EDUC 3343 Tchg Sci in Elem Cllsrm
EDUC 3363 Reaching & Tchg Diverse Learner
EDUC 3503 Fund of Math 1 for K-6 Tchrs
EDUC 3512 Fund of Math 2 for K-6 Tchrs
EDUC 4013 Art & Sci of Tchg
EDUC 4040 Tchg Internship: Elem **or**
EDUC 4045 Tchg Internship: Elem **and**
EDUC 4055 Tchg Internship: Middle

Elementary Education majors are encouraged to have a middle-level/junior high endorsement. Students receiving an endorsement from Newman University must have completed the 15 required semester hours of content courses in the endorsement area and must complete EDUC 3152 Middle School Methods.

EDUCATION, SECONDARY major (BS)

Formal admission to this program is required.

See page 108 for detailed information.

44 total credit hours including:

- EDUC 2002 Intro to Educ thru Fld Exper 1
- EDUC 3003 Exceptional Child
- EDUC 3113 Found & Phil of Educ
- EDUC 3123 Instruc Planning
- EDUC 3133 Ed Psych: Learning & Eval
- EDUC 3152 Middle Sch Meth
- EDUC 3162 Technology in the Classroom
- EDUC 3363 Reaching & Tchg Diverse Learner
- EDUC 4002 Sec Educ Field Experience
- EDUC 4013 Art & Sci of Tchg
- EDUC 4023 Spec Meth Sec Tchg: (Area)
- EDUC 4032 Read Skills Sec Sch Content
- EDUC 4033 Prin of Sec Tchg
- EDUC 4055 Tchg Internship: Middle
- EDUC 4065 Tchg Internship: Sec

Secondary education majors may acquire licensure to teach in Biology, English, History/Government and Mathematics. Students receiving an endorsement from Newman University must have a minimum of 6 semester hours of content courses in the endorsement area from Newman University.

Concentration in Biology

43-45 credit hours

- BIOL 1001 Human Biology, Health & Environment Lab
- BIOL 1003 Human Biology, Health & Environment
- BIOL 1011 General Biology 1 Lab
- BIOL 1013 General Biology 1
- BIOL 1021 General Biology 2 Lab
- BIOL 1023 General Biology 2
- BIOL 2031 Human Anatomy Identification Lab
- BIOL 2032 Human Anatomy
- BIOL 2041 Microbiology Lab
- BIOL 2042 Microbiology OR
- BIOL 2051 Human Physiology Lab
- BIOL 2052 Human Physiology OR
- BIOL Elective # 1 (above 3000)
- BIOL Elective #2 (above 3000)
- BIOL 3041 Genetics Problem Session
- BIOL 3051 Genetics Lab
- BIOL 3053 Genetics
- BIOL 4051 Biology Colloquium
- BIOL 4071 Biology Senior Seminar
- CHEM 1010 General Chemistry 1 Problem Session
- CHEM 1012 General Chemistry 1 Lab
- CHEM 1013 General Chemistry 1
- CHEM 1020 General Chemistry 2 Problem Session
- CHEM 1022 General Chemistry 2 Lab
- CHEM 1023 General Chemistry 2
- MATH 2033 Probability & Statistics 1 or other approved Math elective

Concentration in Chemistry

32-34 credit hours

- CHEM 1010 General Chemistry 1 Problem Session
- CHEM 1012 General Chemistry 1 Lab
- CHEM 1013 General Chemistry 1

- CHEM 1020 General Chemistry 2 Problem Session
- CHEM 1022 General Chemistry 2 Lab
- CHEM 1023 General Chemistry 2
- CHEM 3001 Chemistry Seminar
- CHEM 3010 Organic Chemistry 1 Problem Session
- CHEM 3012 Organic Chemistry 1 Lab
- CHEM 3013 Organic Chemistry 1
- CHEM 3033 Advanced Inorganic Chemistry
- CHEM 3062 Analytical Chemistry 1 Lab
- CHEM 3063 Analytical Chemistry 1
- PHYS 2011 Physics 1 Lab
- PHYS 2013 Physics 1 OR
- PHYS 2114 Calculus Based Physics 1
- PHYS 2021 Physics 2 Lab
- PHYS 2023 Physics 2 OR
- PHYS 2124 Calculus Based Physics 2

Concentration in English

45 credit hours

- COMM 4003 Theories of Communication
- EDUC 2073 Literature for Children and Adolescents
- ENGL 1003 College Writing 1
- ENGL 1013 College Writing 2
- ENGL 2003 Introduction to Literature and Criticism
- ENGL 3013 American Literature 1: Enlightenment/Realism
- ENGL 3023 Creative Writing
- ENGL 3033 American Literature 2: Modernism - Present
- ENGL 3043 Short Story OR
- ENGL 3053 Poetry
- ENGL 3063 World Literature 1: Ancient World - Renaissance
- ENGL 3073 History & Structures of Language
- ENGL 3163 World Literature 2: Enlightenment/Present
- ENGL 4013 British Literature 1: Medieval - Enlightenment
- ENGL 4053 British Literature 2: Romanticism - Present
- ENGL 4063 Shakespeare

Concentration in History/Government

45 credit hours

- ECON 2013 Macroeconomics
- HIST 1013 World Civilization 1
- HIST 1023 World Civilization 2
- HIST 1033 American History 1
- HIST 1043 American History 2
- HIST 3073 Kansas & Great Plains History
- HIST 4783 Senior Seminar
- HIST - American History Elective (above 3000)
- HIST - World History Elective (above 3000)
- HIST - European History Elective (above 3000)
- HIST - History Elective (above 3000)
- INSP 1203 Human Geography
- PSN 1003 American Government
- PSN 3063 World Government Systems
- SOC 1003 Principles of Sociology

Concentration in Mathematics

37 credit hours

- MATH 2015 Calculus 1
- MATH 2025 Calculus 2
- MATH 2033 Probability & Statistics 1
- MATH 3013 Calculus 3

UNDERGRADUATE EDUCATIONAL PROGRAM

MATH 3103 Discrete Mathematics
MATH 3003 Abstract Algebra
MATH 3023 Linear Algebra
MATH 3043 Probability & Statistics 2
MATH 3073 History of Mathematics
MATH 4023 Geometry
MIS 2213 Programming 1

Concentration in Physics

31-33 credit hours

CHEM 1010 General Chemistry 1 Problem Session
CHEM 1012 General Chemistry 1 Lab
CHEM 1013 General Chemistry 1
CHEM 1020 General Chemistry 2 Problem Session
CHEM 1022 General Chemistry 2 Lab
CHEM 1023 General Chemistry 2
CHEM 4202 Chemical Thermodynamics
CHEM 4213 Quantum Chemistry
MATH 2015 Calculus 1
PHYS 2011 Physics 1 Lab
PHYS 2013 Physics 1 OR
PHYS 2114 Calculus Based Physics I
PHYS 2021 Physics 2 Lab
PHYS 2023 Physics 2 OR
PHYS 2124 Calculus Based Physics 2
PHYS 3001 Earth & Space Science Lab
PHYS 3003 Earth & Space Science

ENGLISH major (BA)

48 total credit hours including:

CORE COURSES:

ART 3363 Digital and Media Culture
ART 3423 Topography
COMM 2143 Intermediate Oral Communication

ENGL 2103 Intermediate Writing

GNST 2001 College Research Literacy

SPAN 1014 Elementary Spanish 1*

SPAN 1024 Elementary Spanish 2*

THTR 2113 Creative Performance

*alternative language other than Spanish possible/
equivalent college credits

MAJOR COURSES:

ENGL 3003 Creative NonFiction

ENGL 3023 Creative Writing

ENGL 3053 Poetry

ENGL 3073 Elements of Language

ENGL 3083 Capstone: Writing with Community Partners

ENGL 3093 Business & Professional Writing

ELECTIVES (pick 2 courses/ 6 credit hours):

ENGL 3013 American Literature 1

ENGL 3033 American Literature 2

ENGL 3063 World Literature 1

ENGL 3163 World Literature 1

ENGL 4013 British Literature 1

ENGL 4053 British Literature 2

ENGL 4063 Shakespeare

ENGL 4701 English Senior Seminar

ENGL 488- Selected Topics in English

ENGL 2003 Intro to Lit & Crit

ENGL 3013 Amer Lit 1

ENGL 3023 Creative Writing **or**

ENGL 3083 Advanced Comp

ENGL 3033 Amer Lit 2

ENGL 3053 Poetry

ENGL 3063 World Lit 1

ENGL 3073 Hist & Struct of Lang

ENGL 4013 British Lit 1

ENGL 4053 British Lit 2

ENGL 4063 Shakespeare

ENGL 4701 English Sr Seminar

ENGL Electives—9 credit hours (must be 2000 or above)

Foreign Language—6-8 credit hours of any one foreign
language, college-level

ENGLISH minor

15 total credit hours including:

ENGL 2003 Intro to Lit & Crit

ENGL 3013 Amer Lit 1 **or**

ENGL 3033 Amer Lit 2

ENGL 3063 World Lit 1 **or**

ENGL 3163 World Lit 2

ENGL 4013 British Lit 1 **or**

ENGL 4053 British Lit 2

ENGL elective—3 credit hours

ENTREPRENEURSHIP minor

15 total credit hours including:

BSAD 2013 Principles of Management

BSAD 3013 Principles of Marketing

BSAD 4043 Marketing Strategy

BSAD 4063 Entrepreneurship

BSAD 4143 Venture Capital

Finance major (BBA)

60 total credit hours including

ACCT 2113 Financial Accounting

ACCT 2123 Managerial Accounting

ACCT Electives—3 credit hours above 3000

BDA 3103 Intro to Data Analytics

BSAD 2013 Principles of Management

BSAD 3013 Principles of Marketing

BSAD 3053 Managerial Finance

BSAD 3103 Legal Environment of Business

BSAD 3123 Organizational Behavior

BSAD 3193 Business Ethics

BSAD 3303 Business Comm & Professional Skills

BSAD 4073 Strategic Management

BSAD 4113 Business Internship

BSAD 4133 Real Estate Invest & Valuation

BSAD 4153 Intermediate Finance

BSAD 4163 Investments

ECON 2013 Macroeconomics

ECON 2023 Microeconomics

ECON 3013 Intern'l Economic Environ of Business

MATH 2033 Prob & Stat 1

A grade of "C" or better is required in all courses
for this major.

HEALTHCARE SCIENCE major (BS)

(Open to students with an Associate Degree in a health care field or in progress to earn an Associate Degree in a health care field.)

30-33 total credit hours including:

BIOL 3054 Pathophysiology
 HLSC 3103 Current Issues in Healthcare Environ
 HLSC 4705 Practicum in Healthcare Science
 PSY/SOC/CRJ 3063 Applied Statistics
 SOC/PSY/CRJ 4053 Methods of Research
 and a concentration in business, computed tomography, or psychology/sociology

Concentration in Business (15 credit hours)

BDA 3103 Intro to Data Analytics
 BSAD 3013 Principles of Marketing
 BSAD 3043 Management & Organizational Behavior
 BSAD 3113 Leadership
 Electives—6 credit hours selected from:
 BSAD 3103 Legal Environment of Business
 COMM 2033 Professional Presentations
 COMM 3053 Organizational Comm
 ENGL/COMM 3093 Business & Professional Writing

Concentration in Computed Tomography (12 credit hours)

BIOL 3404 Sectional Anatomy
 RADT 3402 Sectional Pathology & Abnormal Anat
 RADT 4402 CT Prin & Procedures
 RADT 4404 CT Physics & Instrumentation

Concentration in Psychology/Sociology (15 credit hours)

Electives—15 credit hours selected from:
 PSY 2003 Dev Psych
 PSY 3003 Psych of Learning
 PSY 3043 Psych of Personality
 PSY 3053 Abnormal Psych
 PSY 3073 Physiological Psych
 PSY 3083 Tests & Meas in Psych
 PSY/SOC 4013 Social Psych
 SOC/CRJ 2003 Amer Minorities
 SOC 3003 Social Problems
 SOC 3013 Soc of the Family
 SOC 3023 Deviant Behavior
 SOC/CRJ 3033 Juvenile Delinquency
 SOC 3053 Intro to Social Gerontology
 SOC/CRJ 3073 Criminology
 SOC/CRJ 3143 Gangs: Culture & Crime

HISTORY major (BA)

43-47 total credit hours including:

HIST 1013 World Civ 1
 HIST 1023 World Civ 2
 HIST 1033 Amer Hist 1
 HIST 1043 Amer Hist 2
 HIST 3283 The Historical Meth
 HIST 4783 Senior Seminar
 HIST 495- Coop Educ: Hist (1-3 credit hours)

HIST Electives (Non-Western, above 3000)—3 credit hours
 HIST Electives—15 credit hours (at least 12 credit hours must be above 3000)
 Foreign Language—6-8 credit hours in any one language

HISTORY major (BS)

46-50 total credit hours including:

HIST 1013 World Civ 1
 HIST 1023 World Civ 2
 HIST 1033 Amer Hist 1
 HIST 1043 Amer Hist 2
 HIST 3283 Historical Method **or**
 EDUC 4023 Spec Meth Sec Tchg
 HIST 4783 Senior Seminar
 HIST Electives (above 3000)—15 credit hours
 HIST 495 - Coop Educ: Hist (1-3 credit hours) **or**
 EDUC 4055 Tchg Internship: Middle **or**
 EDUC 4065 Tchg Internship: Sec
 MATH 2033 Prob & Stat 1 **or**
 PSY/SOC/CRJ 3063 Applied Stats **or**
 ECON 2013 Macroeconomics
 Electives—9 credit hours selected from any of the Social Sciences

HISTORY minor

18 total credit hours including:

HIST 1013 World Civ 1
 HIST 1023 World Civ 2
 HIST 1033 Amer Hist 1
 HIST 1043 Amer Hist 2
 HIST Electives (above 3000)—6 credit hours

INTERDISCIPLINARY STUDIES major (BA)

The interdisciplinary studies major is designed for students who have a substantial number of credit hours but have not yet earned a bachelor's degree. Students with bachelor's degrees will not be accepted for this major. The interdisciplinary studies major may not be included with another major for a double major and minors will not be granted for disciplines included in the interdisciplinary studies major.

33 total credit hours including:

Two 15 credit hour approved areas of emphasis.

Within each area, 6 credit hours must be upper division (courses number 3000 and above).

Courses used to satisfy general education requirements may not be counted to fulfill the requirements in the two areas of emphasis. Business credits must be limited to 21.

HUM 3103 Interdisciplinary Studies Seminar

Optional concentration in Strategic Communication (24 credit hours)

ART 3363 Digital Media & Culture 1
 ART 3423 Typography
 ART 3433 Layout and Production

UNDERGRADUATE EDUCATIONAL PROGRAM

ART 4763 Adv Art Studio- Design
BSAD 3013 Principles of Marketing
BSAD 3133 Integrated Marketing Communication
BSAD 4043 Marketing Strategy
COMM 3203 Social Media for Promo & Comm

INTERNATIONAL STUDIES major (BA)

47-49 total credit hours including

COMM 3013 Cross-Cultural Comm
ECON 2013 Macroeconomics
HIST 1013 World Civ 1
HIST 1023 World Civ 2
INSP 1203 Human Geography
INSP 4953 Coop Educ: INSP
PSN 3063 World Gov't Systems
Modern Foreign Language—14-16 credit hours in any one language

Electives—12 credit hours selected from:

ENGL 3063 World Lit 1 **or**
ENGL 3163 World Lit 2
HIST 3103 Ancient World
HIST 3243 Hist of East Asia, 1600–present
HIST 3473 Europe's Cold War & After
HIST/PSN 4033 Amer Foreign Relations
HIST 4213 Hist & Culture of Middle East
HIST 4433 Europe in its Global Context
HIST 4483 Hist of Russia & Soviet Union
HIST 4603 Genocide in Modern World
SPAN 3013 Spanish & Latin Amer Civ & Culture

INTERNATIONAL STUDIES minor

26-28 total credit hours including

ECON 2013 Macroeconomics
HIST 1013 World Civ 1
HIST 1023 World Civ 2
INSP 1203 Human Geography
Modern Foreign Language—8-10 credit hours in any one language

Electives—6 credit hours selected from:

ENGL 3063 World Lit 1 **or**
ENGL 3163 World Lit 2
HIST 3103 Ancient World
HIST 3243 Hist of East Asia, 1600–present
HIST 3473 Europe's Cold War & After
HIST/PSN 4033 Amer Foreign Relations
HIST 4213 Hist & Culture of Middle East
HIST 4433 Europe in its Global Context
HIST 4483 Hist of Russia & Soviet Union
HIST 4603 Genocide in Modern World
SPAN 3013 Spanish & Latin Amer Civ & Culture

JOURNALISM minor

15 total credit hours including:

COMM 1023 Intro to Journalism
COMM 2153 Adv News Reporting & Writ
COMM 3103 Journ Pract: Beat Reporting or
COMM 3113 Journ Pract: Copy Editing & Layout **or**
COMM 3133 Journ Pract: Advertising **or**
COMM 3143 Journ Pract: Photography **or**
COMM 3153 Journ Pract: Newspaper Mgt

COMM 4103 Journalism Hist, Law & Ethics
Journalism elective—3 credit hours

LIBERAL STUDIES major (BA)

39 total credit hours including:

1. 36 credit hours from 3 academic disciplines offered at Newman University (12 credit hours from each discipline). A minimum of 3 credit hours in each discipline must be Newman University credit.
2. HUM 4063 Interdisciplinary Project
3. Required classes from the General Education Curriculum may not be included in the twelve credit hours of a discipline for the degree.
4. Students may include no more than four one-hour classes within the 39 credit hours of the liberal studies major.
5. Minors will not be granted for disciplines included in the liberal studies major
6. The liberal studies major may not be included with another major for a double major

MANAGEMENT major (BBA)

60 total credit hours including:

ACCT 2113 Financial Accounting
ACCT 2123 Managerial Accounting
BDA 3103 Intro to Data Analytics
BSAD 2013 Principles of Management
BSAD 3013 Principles of Marketing
BSAD 3053 Managerial Finance
BSAD 3073 Operations Management
BSAD 3103 Legal Environ of Bus
BSAD 3113 Leadership
BSAD 3123 Organizational Behavior
BSAD 3193 Business Ethics
BSAD 3303 Business Communication & Professional Skills
BSAD 4053 Talent Management
BSAD 4063 Entrepreneurship
BSAD 4073 Strategic Management
BSAD 4113 Business Internship
ECON 2013 Macroeconomics
ECON 2023 Microeconomics
ECON 3013 International Economic Envir. of Bus
MATH 2033 Prob & Stat 1

A grade of "C" or better is required in all courses for this major.

MANAGEMENT INFORMATION SYSTEMS

major (BS)

60 total credit hours including:

- ACCT 2113 Financial Accounting **OR**
- ACCT 2123 Managerial Accounting
- BDA 3103 Intro to Data Analytics
- BDA 3113 Business Intelligence
- BSAD 2013 Principles of Management
- BSAD 3013 Principles of Marketing
- BSAD 3053 Managerial Finance
- BSAD 3193 Business Ethics
- BSAD 3303 Bus Communication & Prof Skills
- BSAD 3353 Emotional Intelligence in Business
- BSAD 4133 Business Internship
- MIS 2113 Intro to Management Info Systems
- MIS 2213 Programming 1
- MIS 3023 Database Design & SQL
- MIS 4033 Information Security
- MIS 4413 Systems Analysis & Design
- MIS 4423 Information Systems Project Mgmt
- MIS 4703 MIS Capstone Project

Information Systems Electives - choose 6 credits from the following:

- ACCT 4023 Accounting Information Systems
- BDA 3123 Data Analytics Programming
- BDA 4313 Predictive Analysis
- MIS 3053 ERP & Web Applications
- MIS 3323 Cloud Computing & Virtualization
- Other upper division MIS or BDA courses

A grade of "C" or better is required in all courses for this major.

MARKETING major (BBA)

60 total credit hours including

- ACCT 2113 Financial Accounting
- ACCT 2123 Managerial Accounting
- BDA 3103 Intro to Data Analytics
- BSAD 2013 Principles of Management
- BSAD 3013 Principles of Marketing
- BSAD 3053 Managerial Finance
- BSAD 3103 Legal Environ of Business
- BSAD 3123 Organizational Behavior
- BSAD 3133 Integrated Marketing Communication
- BSAD 3193 Business Ethics
- BSAD 3303 Business Comm & Professional Skills
- BSAD 4023 Consumer Behavior
- BSAD 4043 Marketing Strategy
- BSAD 4073 Strategic Management
- BSAD 4113 Business Internship
- BSAD 4123 Managing Customer Experience
- ECON 2013 Macroeconomics
- ECON 2023 Microeconomics
- ECON 3013 Intern'l Economic Environ of Business
- MATH 2033 Prob & Stat 1

A grade of "C" or better is required in all courses for this major.

MATHEMATICS (BS)

39 - 44 total credit hours including:

- MATH 2015 Calculus 1
- MATH 2025 Calculus 2
- MATH 2033 Prob & Stat 1
- MATH 2043 Prob & Stat 2
- MATH 3003 Abstract Algebra
- MATH 3013 Calculus 3
- MATH 3023 Linear Algebra
- MATH 3103 Discrete Math
- MATH 4101 Math Senior Seminar

Math electives (select 6 cr hrs from):

- MATH 3033 Differential Equations
- MATH 3053 Statistical Modeling
- *MATH 3073 History of Math
- *MATH 4023 Geometry
- MATH 4043 Advanced Calculus

Select 1 course:

- PHYS 2013 Physics 1 **and**
- PHYS 2011 Physics 1 lab **OR**
- MIS 2213 Programming 1

MIS 3023 Database Design & SQL

Select 1 course:

MATH 495- Cooperative Education: Math

(1-3 credits) **OR**

*EDUC 4065 Teaching Internship: Sec **OR**

MATH Elective 3 credit hours (3000 level or above)

***required for secondary education**

MATHEMATICS minor

19 total credit hours including:

- MATH 2015 Calculus 1
- MATH 2025 Calculus 2
- MATH 2033 Prob & Stat 1
- MATH Electives (3000 or above)–6 credit hours

NAVIGATOR LEADERSHIP CERTIFICATE

12 total credit hours

- NAV 1001 Navigator 1: Flight Planning
 - NAV 3001 Navigator 2: Vector Check
 - NAV 4001 Navigator 3: Successful Launch
 - BSAD 3113 Leadership
 - COMM 4133 Mindful Leadership
- and 3 credits from the following:
- BSAD 3353 Emotional Intelligence in Business
 - COMM 3053 Organizational Communication
 - EDUC 3113 Foundation and Philosophy of Education
 - HUM 3001 Service and Volunteerism
 - HUM 3021 Civic Responsibility
 - HUM 4031 Service for Life
 - NSG 4115 Professional Development
 - PSY 4013 Social Psychology
 - SPAN 3893 Field Experience Abroad
 - SWK 3043 Social Justice and Advocacy
 - THTR 2053 Directing 1

A grade of "C" or better is required in all courses for this major.

UNDERGRADUATE EDUCATIONAL PROGRAM

ADMISSION INTO THE NEWMAN UNIVERSITY BACHELOR OF SCIENCE IN NURSING PROGRAM

The following are necessary for consideration of acceptance into the Bachelor of Science in Nursing Program:

1. Admission to Newman University
2. Sixty (60) semester hours of specified college credits
3. Completed nursing application
4. Two letters of recommendation
5. Completed medical form
6. Interview with Admissions Committee
7. CPR certification.

NURSING major (BSN)

Traditional Program

The following courses must be completed prior to entering the Traditional Nursing Program:

40-41 hours including:

BIOL 2031 Human Anat Ident Lab or
BIOL 3032 Human Anat Dissect Lab
BIOL 2032 Human Anatomy
BIOL 2041 Microbiology Lab
BIOL 2042 Microbiology
BIOL 2051 Human Phys Lab
BIOL 2052 Human Phys
BIOL 2053 Nutrition
CHEM 1001 Intro to Chem Lab
CHEM 1003 Intro to Chem
COMM 1013 Oral Communication
ENGL 1003 College Writing 1
ENGL 1013 College Writing 2
MATH 1043 College Algebra
PHIL 1003 Intro to Philosophy or
PHIL 2143 Hist of Ancient Phil or
PHIL 2163 Hist of Modern Phil
PSY 1013 Gen Psychology
PSY 2003 Developmental Psych
PSY/SOC/CRJ 3063 Applied Statistics

62 total credit hours including:

BIOL 3054 Pathophysiology
NSG 3011 Basic Therapeutic Nsg Interventions
NSG 3015 Foundations of Nursing Care
NSG 3043 Nursing Assessment
NSG 3053 Foundations Clin Pract
NSG 3141 Research & Evidence Based Pract 1
NSG 3163 Pharmacotherapeutics in Nursing
NSG 3184 Mental Hlth Nsg Across Life Span
NSG 3188 Adult Nursing Care 1
NSG 4031 Advanced Principles of Aging
NSG 4034 Child and Family Nursing
NSG 4054 Community Nursing
NSG 4061 Research & Evidence Based Pract 2
NSG 4064 Maternal-Newborn Nursing
NSG 4115 Professional Development
NSG 4136 Adult Nursing Care 2
NSG 4153 Preceptorship – Extended Med Surgical

Experience

NSG 4192 Senior Seminar

For this major, a grade of "C" or better is required in **all** courses, including Skills, General Education, and Core courses.

OCCUPATIONAL THERAPY ASSISTANT (ASHS)

56 total credit hours including:

BIOL 2022 Medical Terminology
BIOL 2031 Human Anat ID Lab
BIOL 2032 Human Anatomy
BIOL 2051 Human Physiology Lab
BIOL 2052 Human Physiology
OTA 1002 Intro to Occup Therapy
OTA 1012 Biomechanics
OTA 1022 Occup & Activity Analysis
OTA 2002 Core Skills in Occup Therapy
OTA 2013 Clin Condit in Occup Therapy
OTA 2203 Thy & Pract Psychosoc Disabilities
OTA 2213 Thy & Pract Physical Disabilities
OTA 2223 Thy & Pract Develop Disabilities
OTA 2301 Physical Agent Modalities
OTA 2402 Mgmt Issues in Occup Therapy
OTA 2502 Fieldwork & Practice Issues
OTA 2704 Level 2 Fieldwork
OTA 2714 Level 2 Fieldwork
PSY 1013 General Psych
PSY 2003 Developmental Psych
PSY 3053 Abnormal Psych
SOC 1003 Prin of Sociology
ENGL 1013 College Writing 2

For this major, a grade of "C" or better is required in **all** courses, including General Education courses.

ORGANIZATIONAL LEADERSHIP major (BS)

Offered exclusively online.

30 total credit hours including:

BSAD 3013 Principles of Marketing
BSAD 3113 Leadership
BSAD 3123 Organizational Behavior
BSAD 3193 Business Ethics
BSAD 3353 Emotional Intelligence in Business
BSAD 4053 Talent Management
COMM 3013 Cross Cultural Communication
COMM 4013 Persuasion
ENGL/COMM 3093 Bus & Prof Writing
NSP 4103 HS: Mindful Leadership

A grade of "C" or better is required in **all** courses for this major.

PASTORAL MINISTRY major (BA)

(ONLY AVAILABLE TO STUDENTS IN CERTAIN OUTREACH PROGRAMS)

30/40 total credit hours including:

THEO 1003 Intro to Old Testament
 THEO 1013 Intro to New Testament
 THEO 2023 Theology of the Church
 THEO 3003 Christian Morality & Soc Iss
 THEO 3053 Sacramental Theol
 THEO 4003 Christology
 THEO 4023 Theol & Meth of Ministry
 THEO 4053 The Creeds & Faith
 THEO Electives–6 credit hours
 (These can be met by the following optional concentration
 in Spiritual Direction).

*Must include at least two courses (6 credit hours) from
 PHIL 4143, 4153, 4163, 4173.

**Optional Concentration in Spiritual Direction
 (16 credit hours)**

(Completion of the Spiritual Exercises of St. Ignatius
 is required for admission into the Spiritual Direction
 Concentration).

THEO 4001 Intro to Spirit Direct 1
 THEO 4002 Intro to Spirit Direct 2
 THEO 4101 Spiritual Classics 1
 THEO 4102 Spiritual Classics 2
 THEO 4203 Spirit Direct Pract 1
 THEO 4213 Spirit Direct Pract 2
 THEO 4302 Spirit Direct Pract 3
 THEO 4312 Spirit Direct Pract 4

**PASTORAL MINISTRY minor
 18 total credit hours including:**

THEO 1013 Intro to New Testament
 THEO 2023 Theol of the Church **or**
 THEO 3053 Sacramental Theol **or**
 THEO 4003 Christology
 THEO 3003 Christ Morality & Soc Iss
 THEO 4023 Theol & Meth of Ministry
 THEO Electives–6 credit hours

**PHILOSOPHY major (BA)
 37–39 total credit hours including:**

PHIL 1003 Intro to Philosophy **or**
 PHIL 1023 Logic
 PHIL 3033 Ethics
 PHIL 4701 Portfolio Preparation
 Electives–6 credit hours selected from:
 PHIL 2143 Hist of Ancient Phil
 PHIL 2153 Hist of Medieval Phil
 PHIL 2163 Hist of Modern Phil
 Electives–18 credit hours* selected from:
 PHIL 3023 Human Person
 PHIL 3043 Phil of Religion
 PHIL 3073 Social & Political Phil
 PHIL 4023 Aesthetics
 PHIL 4143 Seminar in Ancient Phil
 PHIL 4153 Seminar in Medieval Phil
 PHIL 4163 Seminar in Modern Phil
 PHIL 4173 Seminar in Contemp Phil
 PHIL 4883 Selected Topics in Phil

Foreign Language–6–8 credit hours of any one foreign
 language, college-level

UNDERGRADUATE EDUCATIONAL PROGRAM

PHILOSOPHY FOR THEOLOGICAL STUDIES major (BA)

While open to any student, this degree is designed to prepare Catholic seminarians for graduate work in theology.

54-58 total credit hours including:

30 hours in philosophy from the following for the major

6-8 hours of Latin

6-8 hours of Spanish

12 hours of Theology electives

PHIL 100S Intro to Philosophy: Foundations of Theology **OR**

PHIL 4143 Seminar in Ancient Philosophy

PHIL 1023 Logic

PHIL 214S Ancient Philosophy: Preparation for the Gospel

PHIL 215S Medieval Philosophy: The Development of Catholic Culture

PHIL 216S Modern Philosophy: Challenge and Response

PHIL 302S Phil of the Human Person

PHIL 303S Ethics

PHIL 307S Catholic Social & Political Philosophy

PHIL 323S Thomistic Metaphysics

PHIL 324S Thomistic Epistemology

PHIL 333S Thomistic Metaphysics 2: Natural Theology

PHIL 488S – Selected Topics in Philosophy

Foreign Language – 6-8 credit hours of Latin

Foreign Language – 6-8 credit hours of Spanish

Electives – 12 hours of Theology

PHILOSOPHY minor

18 total credit hours including:

PHIL 1003 Intro to Philosophy **or**

PHIL 2143 Hist of Ancient Phil **or**

PHIL 2163 Hist of Modern Phil

PHIL 1023 Logic

PHIL 3023 The Human Person

PHIL 3033 Ethics

PHIL 3043 Phil of Religion

PHIL elective–3 credit hours

POLITICAL SCIENCE minor

15 total credit hours including:

PSN 1003 Amer Govt

PSN Electives–12 credit hours

(6 credit hours must be courses over 3000)

PRE-ENGINEERING (AS)

39 total credit hours including:

CHEM 1010 Gen Chem 1 Problem Session

CHEM 1012 Gen Chem 1 Lab

CHEM 1013 Gen Chem 1

CHEM 1020 Gen Chem 2 Problem Session

CHEM 1022 Gen Chem 2 Lab

CHEM 1023 Gen Chem 2

MATH 2015 Calculus 1

MATH 2025 Calculus 2

MATH 3013 Calculus 3

MIS 3023 Database Design and SQL

MIS 4123 Programming 2

PHSC 2015 Calc Based Phys-1

PHSC 2025 Calc Based Phys-2

PRELAW minor

18 total credit hours including:

COMM 4013 Persuasion **or**

PHIL 1023 Logic

PHIL 3033 Ethics

Electives – 12 credit hours selected from at least three disciplines of the following:

BSAD 3043 Mgt & Org Behavior

BSAD 3103 Legal Environ of Bus

COMM 4033 Crit Thinking & Argumentation

ENGL 2003 Intro to Lit & Crit

ENGL 3083 Adv Composition

ENGL/COMM 3093 Bus & Prof Writing

HIST/PSN 3083 Hist of Polit Thght

PHIL 3023 The Human Person

PHIL 3073 Social & Polit Phil

PSN 1003 Amer Government

PSN 3063 World Govt Systems

PSY/SOC 4013 Social Psych

SOC/CRJ 2013 Comparative Crim Justice

SOC/CRJ 4023 Soc of Law

SOC 4043 Sociological Theory

Other Approved Electives

PSYCHOLOGY major (BS)

36 total credit hours including:

PSY 1013 Gen Psych

PSY/SOC/CRJ 3063 Applied Statistics **or**

MATH 2033 Prob & Stat 1

PSY 3083 Tests & Meas in Psych

PSY 4003 Hist of Psych

PSY 4063 Adv Psych Sem

SOC/PSY/CRJ 4053 Meth of Res

Electives – 9 credit hours selected from:

PSY 3033 Theories of Therapy

PSY 2003 Developmental Psych

PSY 3043 Psych of Personality

PSY 3053 Abnormal Psychology

PSY 4883 Selected Topics in Psychology

Electives – 9 credit hours selected from:

PSY/SOC 4113 Ethics for Soc Sci

PSY 3003 Psych of Learning

PSY 3073 Physiological Psych

PSY/SOC 4013 Social Psychology

PSY 4023 Cognitive Psychology

PSYCHOLOGY minor

18 total credit hours including:

PSY 1013 Gen Psych

PSY 4003 Hist of Psych

PSY elective–12 credit hours

RADIOLOGIC TECHNOLOGY (ASHS)

59 total credit hours including:

BIOL 2022 Med Terminology

BIOL 2031 Human Anatomy Lab

BIOL 2032 Human Anatomy
 BIOL 2051 Human Physiology Lab
 BIOL 2052 Human Physiology
 RADT 1103 Patient Care in Med Imaging
 RADT 1125 Radiologic Posit 1
 RADT 1703 Registry Review 1
 RADT 1225 Radiologic Posit 2
 RADT 1264 Radiographic Exposures
 RADT 1323 Radiologic Posit 3
 RADT 1402 Digital Radiography
 RADT 1432 Radiation Safety
 RADT 2022 Radiologic Pathology
 RADT 2033 Radiologic Imaging
 RADT 2072 Radiation Physics
 RADT 2082 Radiation Biology
 RADT 2111 Clinical 1
 RADT 2202 Clinical 2
 RADT 2302 Clinical 3
 RADT 2404 Clinical 4
 RADT 2503 Clinical 5
 RADT 2703 Registry Review 2

For this major, a grade of "C" or better is required in **all** courses, including General Education courses.

RESPIRATORY CARE (ASHS)

60 total credit hours including:

BIOL 2022 Medical Terminology
 BIOL 2041 Microbiology Lab
 BIOL 2042 Microbiology
 BIOL 2031 Human Anatomy ID Lab
 BIOL 2032 Human Anatomy
 BIOL 2051 Human Physiology Lab
 BIOL 2052 Human Physiology
 CHEM 1001 Intro to Chemistry Lab
 CHEM 1003 Intro to Chemistry
 NSG 3163 Pharmacotherapeutics in Nursing
 RC 1002 Intro to Respiratory Care
 RC 1012 Respiratory Care Procedures Lab
 RC 1014 Respiratory Care Procedures
 RC 1023 Intro to Clinical Practicum
 RC 2011 Ventilators & Applied Critical Care Lab
 RC 2015 Cardiopulmonary & Renal Physiology
 RC 2022 Intro Pediatric Respiratory Care
 RC 2024 Ventilators & Applied Critical Care
 RC 2025 Cardiopulmonary Disorders & Management
 RC 2032 Intro Neonatal Respiratory Care
 RC 2112 Respiratory Care in Alternate Sites
 RC 2125 Respiratory Care Practicum 1
 RC 2135 Respiratory Care Practicum 2

For this major, a grade of "C" or better is required in **all** courses, including General Education courses.

SOCIAL WORK major (BSW)

The following courses must be completed prior to entering the Bachelor of Social Work program:

17 credit hours including:

BIOL 1001 Human Bio, Hlth, Environ Lab

BIOL 1003 Human Bio, Hlth & Environment
 GNST 2001 College Research Literacy
 PSY 1013 Gen Psychology
 PSY 2003 Developmental Psych
 SOC 1003 Prin of Sociology
 SWK 1013 Intro to Social Work
46 total credit hours including:
 SWK 3033 Human Behavior & Soc Environ
 SWK 3043 Social Justice & Advocacy
 SWK 3063 Generalist Practice 1
 SWK 3233 Faith & Spirituality in SWK
 SWK 3243 Social Welfare Policy
 SWK 3263 Generalist Practice 2
 SWK 4034 Field Practicum 1
 SWK 4041 Integration Seminar 1: Identity
 SWK 4063 Social Work Research
 SWK 4234 Field Practicum 2
 SWK 4241 Integration Seminar 2: Industry
 SWK 4273 Social Work Sr Seminar
 SWK 288- or 488- Select Topics - Elective (3)
and concentration in Substance Abuse/Social Services with Diverse Populations (9)

*Transfer students must meet with a Social Work advisor to develop a plan of study documenting specific major requirements needed for BSW degree completion

Concentration in Substance Abuse (9 credit hours)

SWK 1003 Perspectives on Substance Use
 SWK 4103 Psychopharmacology & Biology of Addictions
 SWK 4123 Methods & Theories of Addiction Counseling

Concentration in Social Services With Diverse Populations (9 credit hours)

SWK 4303 Immigration & Refugee Policy and Practice
 SWK 4313 Diversity Issues with Special Populations
 SWK 4323 Diverse Families & Communities

No Minor or associate's degree in Social Work is available.

SOCIOLOGY major (BS)

33 total credit hours including:

PSY/SOC/CRJ 3063 Applied Statistics or
 MATH 2033 Prob & Stat 1
 SOC 1003 Prin Soc
 SOC 3003 Social Problems
 SOC 4043 Sociological Theory
 SOC/PSY/CRJ 4053 Meth of Res
 SOC 4063 Research & Writing Sem
 SOC Electives—15 credit hours
 (Students who do not have Criminal Justice as another major may use the following optional concentration in Criminal Justice.)

Optional concentration in Criminal Justice (15 credit hours)

CRJ/SOC 2023 Police Operations
 SOC/CRJ 2013 Comparative Crim Justice
 SOC/CRJ 3073 Criminology
 SOC/CRJ 3093 Corrections

COURSES OF INSTRUCTION

SOC/CRJ 4023 Sociology of Law

SOCIOLOGY minor

18 total credit hours including:

SOC 1003 Prin Soc
SOC 3003 Social Problems
SOC 4043 Sociological Theory **or**
SOC/PSY/CRJ 4053 Meth of Res
SOC Electives--9 credit hours

SONOGRAPHY, DIAGNOSTIC MEDICAL major (BS)

The following courses must be completed prior to or be in progress at the time of application to the Diagnostic Medical Sonography Program:

BIOL 2022 Medical Terminology
BIOL 2031 Human Anat ID Lab
BIOL 2032 Human Anatomy
BIOL 2051 Human Physiology Lab
BIOL 2052 Human Physiology
BIOL 3054 Pathophysiology
MATH 1043 College Algebra
PHSC 2011 Physics 1 Lab and
PHSC 2013 Physics 1
RADT 2072 Radiation Physics
PSY 1013 Gen Psychology
PSY/SOC/CRJ 3063 Applied Statistics
SOC 1003 Prin of Sociology

63 total credit hours including:

BIOL 3404 Sectional Anatomy
SONO 3112 Intro to Sonography & Patient Care
SONO 3121 Abdominal Imaging 1 Lab
SONO 3122 Abdominal Imaging 1
SONO 3141 Vascular Imaging 1 Lab
SONO 3142 Vascular Imaging 1
SONO 3162 Obstetrics & Gynecology 1
SONO 3164 Ultrasound Physics & Instrumentation
SONO 3421 Abdominal Imaging 2 Lab
SONO 3422 Abdominal Imaging 2
SONO 3441 Vascular Imaging 2 Lab
SONO 3442 Vascular Imaging 2
SONO 3461 Obstetrics & Gynecology 2 Lab
SONO 3462 Obstetrics & Gynecology 2
SONO 3603 Intro to Clinical Sonography
SONO 4012 Advanced Imaging
SONO 4016 Clinical Sonography 1
SONO 4026 Clinical Sonography 2
SONO 4036 Clinical Sonography 3
SONO 4041 Registry Review
SONO 4046 Clinical Sonography 4
SONO 4056 Clinical Sonography 5

For this major, a grade of "C" or better is required in **all** courses, including Skills, General Education, and Core courses.

SPANISH minor

18-22 total credit hours including:

SPAN 2014 Intern Spanish 1 **or**
SPAN 2115 Intern Spanish 1 Abroad
SPAN 2024 Intern Spanish 2 **or**
SPAN 2125 Intern Spanish 2 Abroad
SPAN 2043 Spanish Conversation 1 **or**
SPAN 2143 Spanish Conversation 1 Abroad
SPAN 2053 Spanish Readings
SPAN 3013 Spanish & Latin Amer Civ & Culture
SPAN 3881 Field Experience **or**
SPAN 3893 Spanish Field Experience Abroad

SPORTS COMMUNICATION major (BA)

45 total credit hours including:

ACCT 2113 Financial Accounting
BSAD 3013 Prin of Mktg
BSAD 3103 Legal Environ of Business
BSAD 3113 Leadership
BSAD 4953 Coop Educ: Bus Admin **or**
COMM 4953 Coop Educ: Comm
COMM 2033 Prof Presentations
COMM 3013 Cross-cultural Comm
COMM 3063 Special Proj in P R
COMM 4013 Persuasion
ECON 2023 Microeconomics
ENGL/COMM 3093 Bus & Prof Writing
PHED 3103 Org & Admin Sport, Exercise, Hlth
Electives--9 upper division credit hours
approved by advisor

SPORTS MEDICINE minor

20-21 total credit hours including:

BIOL 2022 Medical Terminology
BIOL 2031 Human Anat Ident Lab **or**
BIOL 3032 Human Anat Dissect Lab
BIOL 2032 Human Anatomy
BIOL 2051 Human Physiology Lab
BIOL 2052 Human Physiology
BIOL 2053 Nutrition
BIOL 3303 Exercise Physiology
BIOL 3323 Kinesiology
BIOL 4123 Internship in Sports Med

STATISTICS, APPLIED minor

15-17 total credit hours including:

IT 3043 Concepts of MIS
MATH 2015 Calculus 1 **or**
MATH 2023 Business Calculus
MATH 2033 Prob & Stat 1
MATH 2043 Prob & Stat 2
MATH 3053 Statistical Modeling

THEATRE major (BA)

48 total credit hours including:

THTR 1043 Intro to Theatre
 THTR 1053 Acting 1
 THTR 1063 Stagecraft
 THTR 2053 Directing 1
 THTR 3003 Theatre Practicum
 THTR 3653 Theatre History
 THTR/MUS 4093 Musical Theatre Workshop
 THTR 4793 Sr Capstone Project
and a concentration in General Theatre, Performance or Technical

General Theatre Concentration

-24 hours selected from:

ART 1013 Art Appreciation **or**
 MUS elective - 3 credit hours
 COMM/THTR 2003 Voice & Diction
 THTR 1103 Movement for Actor
 THTR 2103 Lighting & Sound for Theatre
 THTR 2133 Scenic Painting
 THTR 2153 Stage Properties
 THTR 3003 Theatre Practicum (2nd time)
 THTR 3043 Theatre Management
 THTR 3053 Acting 2
 THTR 3063 Acting for the Camera
 THTR 3153 Lighting Design & Tech
 THTR 3203 Dramatic Lit
 THTR 3503 Playwriting
 THTR 3523 Sound Design for Theatre
 THTR 3553 Directing 2
 THTR 3663 Hist of Costume
 THTR 3673 Costuming for Theatre
 THTR 4013 Make-up for Stage
 THTR 4053 Scenic Design
 THTR 4103 Acting 3
 THTR 4753 Prof Internship

Performance Concentration

(24 credit hours)

ART 1013 Art Appreciation **or**
 ENGL 2063 Intro to Film **or**
 ENGL 4063 Shakespeare
 COMM/THTR 2003 Voice & Diction
 THTR 1103 Movement for Actor
 THTR 3003 Theatre Practicum (2nd time) **or**
 THTR 4103 Acting 3 **or**
 THTR 4753 Prof Internship
 THTR 3053 Acting 2
 THTR 3203 Dramatic Lit **or**
 THTR 3553 Directing 2
 THTR 3503 Playwriting
 Elective - 3 credit hours selected from:
 THTR 2103 Lighting & Sound for Theatre
 THTR 2133 Scenic Painting
 THTR 2153 Stage Properties
 THTR 3043 Theatre Management
 THTR 3063 Acting for the Camera
 THTR 3153 Lighting Design & Tech

THTR 3673 Costuming for Theatre
 THTR 3523 Sound Design for Theatre
 THTR 4013 Make-up for Stage
 THTR 4053 Scenic Design

Technical Concentration

(24 credit hours)

THTR 2103 Lighting & Sound for Theatre
 THTR 2133 Scenic Painting
 THTR 2153 Stage Properties
 THTR 3663 Hist of Costume **or**
 THTR 3673 Costuming for Theatre
 THTR 4013 Make-up for Stage
 Electives - 6 credit hours selected from:
 ART 1013 Art Appreciation
 ENGL2063 Intro to Film
 THTR 3043 Theatre Management
 THTR 3153 Lighting Design & Tech
 THTR 3523 Sound Design for Theatre
 THTR 4053 Scenic Design
 THTR 4753 Prof Internship
 Elective - 3 credit hours selected from:
 COMM/THTR 2003 Voice & Diction
 ENGL 4063 Shakespeare
 THTR 1103 Movement for Actor
 THTR 3053 Acting 2
 THTR 3203 Dramatic Lit
 THTR 3503 Playwriting
 THTR 3553 Directing 2
 THTR 4103 Acting 3

THEATRE minor

18 total credit hours including:

COMM/THTR 2003 Voice & Diction **or**
 THTR 1103 Movement for Actor **or**
 THTR 2103 Lighting & Sound for Theatre **or**
 THTR 2133 Scenic Painting **or**
 THTR 2153 Stage Properties **or**
 THTR 3053 Acting 2
 THTR 1043 Intro to Theatre
 THTR 1053 Acting 1
 THTR 1063 Stagecraft
 THTR 2053 Directing 1 **or**
 THTR 3503 Playwriting **or**
 THTR 3653 Theatre History
 THTR 3003 Theatre Practicum **or**
 THTR 3043 Theatre Management

THEOLOGY major (BA)

39-41 total credit hours including:

THEO 1033 Exploring the Bible
 THEO 1043 Cath Doctrine & Sacraments
 THEO 2043 Catholic Imagination
 THEO 3013 Story of the Church
 THEO 3083 Virtues & Vices
 THEO 4063 A Faith To Die For
 THEO 4701 Portfolio Review
 THEO 4703 Senior Thesis
 Electives - 11 credit hours from Theology **or**:
 ANTH 2003 Comparative World Religions

NSP 4703 Quest For Meaning (beyond 1st NSP 4703)

PHIL 3043 Phil of Religion

Foreign Language - 6-8 credit hours from any one foreign language, college-level

THEOLOGY minor

18 total credit hours including:

Electives - 6 credit hours selected from:

THEO 1033 Exploring the Bible

THEO 1043 Cath Doctrine & Sacraments

THEO 2043 Catholic Imagination

Electives - 6 credit hours selected from:

THEO 3013 Story of the Church

THEO 3083 Virtues & Vices

THEO 4063 A Faith To Die For

THEO 4073 Cath Thinkers/Writers/Artists

Electives - 6 credit hours from Theology or:

ANTH 2003 Comparative World Religions

NSP 4703 Quest For Meaning (beyond 1st NSP 4703)

PHIL 3043 Phil of Religion

COURSE LISTING EXPLANATIONS

Listing of Disciplines with Abbreviations

ACCT	Accounting
ANTH	Anthropology
ART	Art
BDA	Business Data Analytics
BIOL	Biology
BSAD	Business Administration
BSI	Business and Strategic Intelligence
BDA	Business Data Analytics
CATH	Catholic Studies
CHEM	Chemistry
COMM	Communication
COUN	Counseling
CRJ	Criminal Justice
ECON	Economics
EDUC	Education
ENGL	English
FAR	Fine Arts
GNST	General Studies
HLSC	Health Science
HIST	History
HNRS	Honors Program
HUM	Humanities
INSP	International Study Program
MATH	Mathematics
MIS	Management Information Systems
MUS	Music
NSP	Newman Studies Program
NAN	Nurse Anesthesia
NAV	Navigator
NSG	Nursing
OTA	Occupational Therapy Assistant
LEGL	Paralegal
PHIL	Philosophy
PHED	Physical Education
PHSC	Physical Science
PSN	Political Science
PSY	Psychology
RADT	Radiologic Technology
RC	Respiratory Care
SWK	Social Work
SOC	Sociology
SONO	Sonography, Diagnostic Medical
SPAN	Spanish
THTR	Theatre
THEO	Theology

Courses numbered in the 1000s and 2000s are LOWER DIVISION courses; those numbered in the 3000s and 4000s are UPPER DIVISION courses. Freshmen and sophomores may enroll in upper division courses if they have the necessary prerequisites. **Undergraduate students are required to complete 40 upper division credit hours to meet graduation requirements.**

The LAST DIGIT of the undergraduate course number indicates the NUMBER OF SEMESTER CREDIT HOURS a course carries (e.g. ACCT 1013 is a 3-hour course). Where a “-” is used instead of the last digit, the hours of the course can vary according to the arrangement listed in the schedules.

INDEPENDENT STUDY COURSES are identified for undergraduate credit with number 499-, except in the Physical Science Department where they are identified by the number 289-, and are limited to 3 credit hours except for an Honors Project which may be 4 credit hours. The course title is identified in the approved proposal and the course may be repeated for credit with change of topic.

COOPERATIVE EDUCATION COURSES are identified with the number 495-. They may not exceed 3 credit hours. The course title identifies the department in which credit is received and the course may be repeated for credit with change of topic or cooperative agency.

SELECTED TOPIC COURSES are identified with number 288- for lower division and 488- for upper division. These courses are listed in the schedule as offered with the particular selected topic identified in the course title and may be repeated for credit with change of topic.

WORKSHOPS/SEMINARS are identified by the number 299- for lower division credit, 399- for upper division credit. The title identifies the course content and these courses may be repeated for credit with change of topic.

The NUMBER OF SEMESTER CREDIT HOURS for a course is indicated in parentheses following the undergraduate course title.

PREREQUISITES, if any, for enrolling in a course are stated in the course description. **CONSENT** indicates required approval by a division chairperson, program director, or school director unless stated otherwise.

A course available for registration in more than one department is printed with full description in the primary department. It is listed in the others with a **CROSS REFERENCE**. Students have the option to register for the course in the department with the cross reference if they so specify.

A COURSE FAILING TO GAIN A SUFFICIENT NUMBER OF STUDENTS MAY BE CANCELLED AND WITHDRAWN FROM THE SCHEDULE OF OFFERINGS FOR ANY SEMESTER OR SESSION.



ACCOUNTING (ACCT)

A rapidly changing world necessitates frequent changes in occupations and careers. The future appears promising and stable for those qualified in accounting, management, finance, and office operations. This is true in business, professional, social, educational, religious, health-related fields and personal business venture areas.

It is important for the student majoring in accounting to acquire the necessary technical knowledge and business skills related to a particular field of interest. It also is very important to obtain an education involving the successful completion of courses in the various liberal arts areas of the university curriculum.

Accounting majors are placed in both public and private accounting as well as in governmental accounting positions. Some accounting majors will desire and qualify to sit for the C.P.A. examination and will become certified public accountants upon successful completion of the rigorous requirements set by the Board of Accountancy of the State of Kansas.

2113 Financial Accounting (3)

This course is an account-oriented study of the accounting cycle. It includes an introduction to the income statement, balance sheet, worksheet, and basic accounting cycle and control. Financial accounting will be emphasized. *Prerequisites: MATH 1043.*

2123 Managerial Accounting (3)

This course is a study of the uses of accounting data for management decision making. Included will be a study of how accounting is used in the planning and control of business operations.

288- Selected Topics in Accounting

May be repeated for credit with change of topic.

299- Workshop/Seminar in Accounting

May be repeated for credit with change of topic.

3033 Intermediate Financial Accounting 1 (3)

A theory-oriented study on an intermediate level of the technical and conceptual aspects of financial accounting. Reference will be made to the pronouncements of the AICPA and the FASB. *Prerequisite: ACCT 2113.*

3043 Intermediate Financial Accounting 2 (3)

Continuation of ACCT 3033. *Prerequisite: ACCT 2113.*

3053 Taxation 1 (3)

A study of the federal income tax laws as they relate to the individual. Also included will be a study of Kansas income tax laws. The use of tax research materials will be explored and elementary tax research will be done.

Prerequisite: ACCT 2113 and 2123.

3063 Cost Accounting (3)

A study of accounting for manufacturing operations. Areas to be studied will be the processing, analysis and interpretation of cost data. Included is the study of job order, process, standard, and variable cost accounting. *Prerequisite: ACCT 2123.*

3073 Taxation 2 (3)

A study of the federal income tax laws as they relate to partnership and corporate entities. The use of tax research materials will be explored and elementary tax research will be done. *Prerequisite: ACCT 2113, 2123 and 3053.*

ANTHROPOLOGY (ANTH)

399- Workshop/Seminar in Accounting

May be repeated for credit with change of topic.

4023 Accounting Information Systems (3)

This course is designed to provide students with an overview of the organizational systems contributing to the collection, processing, and reporting of financial accounting information. Considerable emphasis will be given to transaction cycles, internal accounting controls, and system documentation techniques. *Prerequisite: ACCT 2113, and ACCT 3033 (may be taken concurrently) or consent.*

4033 Auditing Principles (3)

A study of the auditor's attest function. Areas to be covered will be current auditing standards and procedures as approved by the AICPA. Included will be the discussion of the auditor's independence, legal liability, codes of ethical conduct and the auditor's report. *Prerequisite: ACCT 3043 and ACCT 4023 (may be taken concurrently) or consent.*

4043 Advanced Accounting Problems (3)

A study of accounting theory and related problems applicable to partnerships, consolidated financial statements, fiduciaries, and foreign exchange and public accounts. *Prerequisite: ACCT 3043 or consent.*

488- Selected Topics in Accounting

May be repeated for credit with change of topic.

499- Independent Study in Accounting

ANTHROPOLOGY (ANTH)

Anthropology is the study of the origins, historical and cultural development, variety, distribution, customs, integration into the environment and social relationships of humankind.

1003 Introduction to Anthropology (3)

An introduction to the nature and scope of anthropology including the major subdivisions: archaeology, physical anthropology and cultural anthropology.

1013 Cultural Anthropology (3)

A cross-cultural survey of communication, kinship, personality, patterns of subsistence, formation of groups, social control, religion and cultural change. Ethnographic studies are used to demonstrate the broad range of cultural adaptations which address the challenges of human survival.

2003 Comparative World Religions (3)

An introduction to the historical and cultural development and principal beliefs, practices and institutions of contemporary belief systems including Hinduism, Judaism, Buddhism, Christianity and Islam, as well as the spirituality of pre-literate cultures.

288- Selected Topics in Anthropology

May be repeated for credit with change of topic.

299- Workshop/Seminar in Anthropology

May be repeated for credit with change of topic.

399- Workshop/Seminar in Anthropology

May be repeated for credit with change of topic.

4031 Forensic Science Lab (1)

See BIOL 4031.

4032 Forensic Science (2)

See BIOL 4032.

488- Selected Topics in Anthropology

May be repeated for credit with change of topic.

499-Independent Study in Anthropology**ART (ART)**

Using a studio approach to course study in the visual arts, art majors gain the requisite conceptual and technical skills that encompass the basis of the visual language. With the academic home for the visual arts located within the Liberal Arts curriculum, art majors at Newman take advantage of the entire Liberal Arts faculty in their study of art. Through this broad grounding, the student is trained to give artistic expression to the complexity of human experience and to utilize their unique perspective to comment upon and contribute to betterment of their communities.

Training in technique, exposure to historical perspectives, principles of design, and grounding in diverse media enables Newman visual arts students to develop the heightened sense of aesthetic awareness needed in today's art and design professions.

Emphasis is placed on nurturing the individual voice as it finds its way within the techniques of the specific artistic discipline.

1013 Art Appreciation (3)

An introduction to design elements and principles of organization with emphasis on analysis of individual works of art, criticism, style and form. Some studio applications will be incorporated.

1033 Drawing for Non-Art Majors (3)

Introduction to black and white drawing, visual perception, principles of composition and expressive qualities for non-art majors. A variety of media and drawing techniques will be explored.

1053 Painting for Non-Art Majors (3)

Introduction to the fundamentals of painting including techniques, composition, light and color theory for non-art majors. Various approaches to painting throughout history will be explored. A specific medium will be used.

1103 Visual Communication Software (3)

This course focuses on skill development integral to the success and lifelong learning of students. It is a practical introduction to industry standard visual communication software applications, taught using the flipped classroom model. Students develop the ability to study using online videos and use class time to practice what they have learned, ask questions and collaborate. The course focuses on technical skills to transport files between devices, import and export files between apps, and create documents that can be uploaded efficiently to an online teaching environment, clients, instructors, etc. It also covers how copyright law affects the use of textual and visual information, how to avoid misappropriation of information, and to use information professionally and ethically. (FALL/SPRING)

2023 Photography 1 (3)

Introductory course in basic photographic processes in black and white photography: development of negatives, printing and presentation. The technical, art and communicative aspects of photography are emphasized.

2043 Painting 1 (3)

Introduction to the fundamentals of painting including techniques, composition, light and color theory. Various approaches to painting throughout history will be explored. A specific medium will be used.

2103 Handbuilding with Clay 1 (3)

Beginning level handbuilding. Acquaints students with various methods of forming clay and includes projects using pinching, coils, and slabs construction. Will also introduce glazing and firing of work in the department's kilns. No previous experience in art is necessary.

2113 Throwing with Clay 1 (3)

Beginning level throwing. Introduction for wheel thrown ceramics. Students will learn basic techniques and forming methods to produce a variety of projects that will include vases, mugs, bowls, and lidded jars. Glaze application and firing will also be covered. No previous experience in art is necessary.

2223 Drawing 1 (3) Drawing Foundations (3)

Introduction to black and white drawing, visual perception, principles of composition and expressive qualities. A variety of media and drawing techniques will be explored.

2233 Design 1 (3) Design Foundations (3)

This course offers foundational skills relevant to the discipline of graphic design. Students develop and expand their vocabularies in visual communication and explore basic design elements and principles for solving visual communication problems. Students generate iterative ideas, learn to analyze and discuss their own work as well as that of others, become familiar with the implications of design, and develop a rigorous creative process. (FALL)

2243 Sculpture 1 (3) 3D Design Foundations (3)

This course offers foundational skills relevant to 3D forms. Students develop and expand their vocabulary of design and space with a variety of materials in media. Prerequisite: ART 2223 and ART 2233. (SPRING)

2313 Printmaking 1 (3)

An introduction to the basic methods and fundamental techniques of printmaking including Collagraph, Wood cut, Linoleum cut relief techniques and Metal/Plexi dry point. Technical application, drawing and composition will be emphasized in the development of all artwork. Designed to give a broad experience with printing media.

288- Selected Topics in Art

May be repeated for credit with change of topic.

299- Workshop/Seminar in Art

May be repeated for credit with change of topic.

3023 Photography 2 (3)

Emphasis is placed on developing professional standards of photographic technique and image quality along with developing self-expressions. Topics include advanced dark room techniques, chemistry and toning. *Prerequisite: ART 2023 or consent.*

3033 Performative Installation (3)

Installation and Performance Art are based on the integration of space and time and the relationship/dialogue between artists and audience. Students in this course create environments that immerse the viewer in a sensory/intellectual/emotional experience, through a variety of subjects and media. Students will undertake research, a rigorous sketchbook, and participate in critiques, and gallery openings, in addition to the production of their own completed performative and/or installation work(s). Can be repeated for credit.

3043 Painting 2 (3)

Further exploration of techniques, media and composition with emphasis on a personalized approach to self-expression. *Prerequisite: ART 2043 or consent.*

3103 Handbuilding with Clay 2 (3)

Intermediate level handbuilding. This course is for those students who have already completed Handbuilding with Clay 1 or have experience elsewhere. It furthers a student's development in traditional methods of forming clay as well as plaster mold making. Students will assist in the testing and making of glazes and firing kilns. *Prerequisite: ART 2103 or consent.*

3113 Throwing with Clay 2 (3)

Intermediate level throwing. This course is a further investigation into the clay forming methods using a potter's wheel. Projects to be completed will include footed bowls, casseroles, and teapots. Glaze formulation and kiln technology will also be explored. *Prerequisite: ART 2113 or consent.*

3123 Digital Imaging 1 (3)

Introduction to basic photographic image manipulations with the use of computer technology. Introduction to scanners, input devices and image editing.

3153 History of Graphic Design (3)

A study of the evolution of graphic design from the invention of writing to the digital revolution.

3223 Drawing 2 (3)

Students will explore approaches to drawing using mixed media and color while continuing to explore the properties of strong drawing techniques. *Prerequisite: ART 2223.*

3233 Design 2 (3)

This foundational graphic design course focuses on color theory and provides extended study of graphic design principles. Students apply their cumulative knowledge to more complex and comprehensive communication solutions. They explore methods for creating compositions and patterns in black/white and color. Experimentation, research, conceptual thinking, and process are emphasized in designing for print and screen media. *Prerequisite: ART 2233. (SPRING)*

3243 Sculpture 2 (3)

This course is designed to expand the student's understanding of three-dimensional form, space and structure. Continued exploration of new techniques and materials while perfecting existing skills. *Prerequisite: ART 2243.*

3313 Printmaking 2 (3)

Introduces Monotype and Lithography printing technology including positive, negative wiping, brush techniques, offsets, Xerox Transfer and texture application. Continued exploration of simultaneous multicolor viscosity printing. *Prerequisite: ART2313.*

3363 Digital Media and Culture 1 (3)

(Formerly ART 2403 Introduction to Computer Graphics)

This studio class introduces students to digital media, computer literacy, and computational thinking as they relate to art and design. The computer is an artistic medium that enables different and unique forms of communication and expression, including time-based animation and interaction design. Students learn to code within the context of the visual arts and are introduced to a variety of electronic art forms as well as contemporary artists and designers.

Prerequisite: ART 3233. (FALL)

3423 Typography (3)

Typography is the art of organizing letters in space and time. Students gain a familiarity with typographic terms and technologies, an understanding of classical and contemporary typographic forms, and ability to construct typographic compositions and systems built on concepts acquired in Design 1 and 2-Design Foundations. An appreciation of typography as an expressive medium to convey aesthetic, emotional and intellectual meaning is developed. The ability to think critically is strengthened. Digital typesetting and page layout software applications are introduced.

Prerequisites: ART 2233 or consent and 3233. (FALL)

3433 Layout and Production (3)

Building on the fundamentals of typographic form and function introduced in ART3423 Typography, this course extends and applies basic vocabulary and understanding to more complex problems that deal with typographic hierarchy, context, and gestalt principles. Students create publications that address identity, audience, content development, and emerging formats. Through a focused series, students explore how image and typography behave across media. The course is designed to help students meet the ever-present challenge of evolving tools and techniques. *Prerequisite: ART 3423. (SPRING)*

3463 Digital Media and Culture 2 (3)

In this course students will delve more deeply into digital media, computer literacy, and computational thinking. Students continue their exploration of the computer as an artistic medium. They may choose to learn more about generative art, animation, interaction design, and electronics. *Prerequisite: ART 3363. (SPRING)*

3503 Ancient Art (3) Ancient and Renaissance Art (3)

An introduction to the history and appreciation of the earliest art from Ancient, Medieval and Renaissance and non-European art. The course will include a study of the artistic style, function and intellectual development of the historical periods.

3513 Renaissance Art (3)

A historical survey of Renaissance art including painting, sculpture, and architecture from the 13th to the 16th centuries.

3533 Materials and Processes (3)

In this mission-driven course students design and build solutions to problems in the real world that have the potential to transform society. The semester long project challenges their design thinking, critical thinking and problem solving skills. The design process is human-centered, requires research, and uses a rapid prototyping, iterative problem solving approach used in industry. This course activates experiential learning and empowers the student's mind to make new connections, synthesize new meanings, and create novel solutions to difficult problems.

Prerequisite: ART 3433 (FALL)

3543 Design Thinking and Data Visualization (3)

This advanced studio class uses Design Thinking methods to delve more deeply into computational thinking and computer literacy as they relate to data visualization. In addition to archetypical diagrams such as pie, bar, plot, line diagrams, complex data can be expressed through graph-based visuals, layered comparisons, three-dimensional representations, animated graphics, and interaction design. Various methodologies will be explored for visualizing information that is unbiased yet based in storytelling. May be repeated for up to 6 credits. *Prerequisite: ART 3363. (SPRING)*

3603 Design Thinking and the Human-Centered Design (3)

In this course, students explore the process of developing digital products that serve users' needs. The user experience shapes the way in which people interact with all products. This course will focus on web/mobile-based products. Students use Design Thinking methods to prototype innovative products including design concepts that mediate relationships between people and products, environments, and services. Students learn about navigational structure, usability principles, personas, and wireframes. This course allows students to develop strategies for effective human-computer mediated interaction. *Prerequisite: ART 3363. (FALL)*

399- Workshop/Seminar in Art

May be repeated for credit with change of topic.

4003 Figure Drawing (3)

Students will explore problems of shape, scale and proportion through figurative observation and interpretation using the human figure. May be repeated for credit.

Prerequisite: ART 3223, Art majors only or consent.

4023 Aesthetics (3)

See PHIL 4023.

4033 Public Art and Community Practice (3)

This course will look at the history and approaches of artists who use the real world as their expressive and medium. By engaging with these artists and the community students develop an understanding of public art. By responding to their findings students become change agents. In this class we will develop and work on projects to help us understand the role of social narrative and the methods of art practice that extend into communities. Topics include (but are not limited to) art and commodity, the business of art, the politics of audience, art as object or action, art as labor, and art as social justice.

4043 Painting 3 (3)

Emphasizes personal development and creativity while exploring formal aspects of individual themes. Continued exploration of methods, materials and research. *Prerequisite: ART 3043.*

4083 Digital Media and Culture 2 (3)

In this course students will delve more deeply into digital media, computer literacy, and computational thinking. Students continue their exploration of the computer as an artistic medium. They may choose to learn more about generative art, animation, interaction design, and electronics. *Prerequisite: ART 3363 or consent. (SPRING)*

4123 Digital Imaging 2 (3)

This course is designed for intermediate level digital photography and will expand the student's understanding of composition, image manipulation and editing, content and subject matter using digital cameras, scanners and current industry standard software. May be repeated for credit.

Prerequisite: ART 3123.

4133 Design Thinking and the Human-Centered Design (3)

In this course, students explore the process of developing digital products that serve users' needs. The user experience shapes the way in which people interact with all products. This course will focus on web/mobile-based products. Students use Design Thinking methods to prototype innovative products including design concepts that mediate relationships between people and products, environments, and services. Students learn about navigational structure, usability principles, personas, and wireframes. This course allows students to develop strategies for effective human-computer mediated interaction. *Prerequisite: ART 3363 or consent. (FALL)*

ART (ART)

4153 Modern Art (3)

Historical overview of the development of art movements, artists and pertinent issues in art beginning in the late 19th century to the present.

4203 Handbuilding with Clay 3 (3)

Advanced level handbuilding. This course is intended to help students work independently and creatively. An emphasis will be placed on individual initiative in developing a list of projects and their completion. May be repeated for credit. *Prerequisite: ART 3103 or consent.*

4213 Throwing with Clay 3 (3)

Advanced level throwing. This course is intended to help students work independently and creatively. An emphasis will be placed on individual initiative in developing a list of projects and their completion. May be repeated for credit. *Prerequisite: ART3113 or consent.*

4223 Drawing 3 (3) Advanced Drawing (3)

Designed to explore a range of media and color, improve skill level and technique. Includes history of drawing and development of ideas and concepts. Explores personal expression, creative interpretation and concentration on the development of a body of work. *Prerequisite: ART 2223. May be repeated for up to 6 credits.*

4243 Sculpture 3 (3)

Advanced sculpture studio provides students an opportunity to experiment with non-traditional materials and to explore new process techniques and creative genres. *Prerequisite: ART 3243.*

4313 Printmaking 3 (3)

Emphasizes personal development and creativity while exploring formal aspects of individual themes. Students will experiment with non-traditional materials and explore new process techniques. *Prerequisite: ART 4423.*

4763 Advanced Art Studio (3)

This capstone course is a rigorous, self-directed senior thesis project that allows students to apply the knowledge and experience acquired throughout their education at Newman. It is an independent project that encapsulates the learning objectives of the student's selected medium, and requires the development of a body of work in consultation with faculty and peers. As a parallel track, students continue to hone their portfolios and learn job-seeking protocols. *Prerequisite: Consent. (FALL)*

4773 Senior Project (3) Senior Capstone (3)

Research and integration of two or more issues particular to the student's area of study. A creative project will be developed from the student's research. *Prerequisite: Senior standing.* The capstone course prepares the student to enter the workforce/graduate school with opportunities in leadership, internships, and interdisciplinary scholarship. It is a rigorous, self directed senior thesis project that allows students to apply the knowledge and experience acquired throughout their education at Newman. It is an independent project that encapsulates the learning objectives of the students selected medium, and requires the development of a body of mentored faculty and peers. As a parallel track, students may work at an internship related to their major, which provides the opportunity to integrate theory and practice. Additionally students will attend workshops and complete projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative education coordinator. *Prerequisite: Senior Standing.*

488- Selected Topics in Art

May be repeated for credit with change of topic. Topics of interest may include past or present issues in the arts.

495- Cooperative Education: Art (1–3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in Art**BIOLOGY (BIOL)**

The Department of Biology aims to provide information of the fundamental biological concepts and techniques to enable students to understand, interpret, and appreciate the world of life.

Programs in biology are offered to provide adequate preparation for programs in medicine, dentistry, and allied health fields. Both Bachelor of Arts and Bachelor of Science Degrees are offered with a major in biology to provide greater flexibility in choice of electives and to enable the students to acquire a sound background for careers in the biological disciplines or specialty they propose to follow in graduate school.

The Sports Medicine minor at Newman University is intended for students who are interested in academic disciplines including physical education, pre-physical therapy, coaching, pre-chiropractic, nutrition, nursing, pre-medicine, pre-occupational therapy, pre-athletic training and entry-level graduate education. This program will provide interested students with the academic background and the opportunity to develop knowledge and skills in sports medicine. Students will get hands-on experience through internship and out-of-the-classroom opportunities such as serving as an assistant trainer for our athletic teams or working at physical therapy rehabilitation centers. This minor is designed to meet the growing interest in a program of study that integrates exercise and health sciences with the practical aspects of human performances. By completing this program students have an opportunity to acquire important knowledge as they learn about anatomy, human movement, nutrition, and sports injuries. In essence, this program is designed to provide a foundation for those students wishing to complete an advanced degree or for those students who may be interested in applying to a professional school.

Before enrolling in a course which has a prerequisite course listed, the student must have earned a grade of “C” or better in the prerequisite course. For classes having a corresponding laboratory, both the lecture and the laboratory courses must be taken concurrently unless one of the courses has already been successfully completed with a grade of “C” or better.

1001 Human Biology, Health and Environment Lab (1)

Promotes active student involvement in the development of scientific enquiry and provides an understanding of laboratory techniques designed to study life processes of microorganisms, plants, animals and vertebrate dissection. For the non-major. (FALL/SPRING/SUMMER)

1003 Human Biology, Health and Environment (3)

The study of basic biological principles and their application in understanding human anatomy, physiology and personal health. The course provides understanding of ecological principles and environmental problems from the perspective of ethics, human values, and moral obligations. For the non-major. (FALL/SPRING/SUMMER)

1011 General Biology 1 Lab (1)

Scientific method based approach to investigating cellular components, metabolism, cell division, photosynthesis and vertebrate dissection. Lab 2 hours. (FALL)

1013 General Biology 1 (3)

The study of cellular components, energy relationships, metabolisms and regulation of cellular functions. Principles of genetics, gene expressions, mutation, and evolution are studied including ecology and animal behavior. (*FALL*)

1021 General Biology 2 Lab (1)

Laboratory techniques designed to study life processes and structure of plants and animals including invertebrate and vertebrate dissections. Lab 2 hours. (*SPRING*)

1023 General Biology 2 (3)

Study of morphology, physiology, and phylogeny of plants and animals including an in-depth understanding of biological diversity and classification. (*SPRING*)

2022 Medical Terminology (2)

This course will undertake a study of the word parts, prefixes and suffixes which constitute scientific and medical words. Medical/scientific abbreviations, anatomical positioning terms and sign language will be included. Some knowledge of Classical Greek and/or Latin is helpful but not essential. This is an online course. Computer and Internet access are required. Meets once only, the first week of class. (*FALL/SPRING/SUMMER*)

2031 Human Anatomy Identification Lab (1)

Lab is a regional approach to the identification of human anatomy structures using cadavers, skeletons and models. This lab does NOT include dissection. Recommended for nursing, radiologic technology and respiratory care students. Lab may be taken concurrently with BIOL 2032 or after successfully completing BIOL 2032. Lab 2 hours. (*FALL/SPRING/SUMMER*)

2032 Human Anatomy (2)

This course enables students to develop a working knowledge of the terminology used in discussing anatomical concepts and relationships in allied health and medical applications. This will include the cells, tissues and organs associated with the eleven body systems: integumentary, skeletal, muscular, digestive, respiratory, cardiovascular, lymphatic, urinary, endocrine, nervous and reproductive. A regional approach to the structures of these systems will correspond to material presented in lab course. Cadaver lab (BIOL 2031 OR BIOL 2032) is required. Lab may be taken concurrently with BIOL 2032 or after successfully completing BIOL 2032. Lecture 2 hours. Prerequisite: high school biology or consent. (*FALL/SPRING/SUMMER*)

2041 Microbiology Lab (1)

A hands-on approach to understanding the basic microbiological lecture concepts. Experiments and techniques include microscopic analysis, smears, staining, unknown identification and other experiments involving the interaction of microorganisms and human environment. Students should enroll in both the lecture and lab courses during the same semester since they complement each other. (*FALL/SPRING*)

2042 Microbiology (2)

Study of microorganisms, their structure and function, and their relation to health and disease. Prerequisite: College chemistry and biology are recommended (*SPRING*).

2051 Human Physiology Lab (1)

Cellular, metabolic, and systems-level physiological processes essential to human life will be studied, and connections to important disease states will be emphasized. Lab may be taken concurrently with BIOL 2052 or after successfully completing BIOL 2052. Lab 2 hours. (*FALL/SPRING/SUMMER*)

2052 Human Physiology (2)

Cellular, metabolic, and systems-level physiological processes essential to human life will be studied, and connections to important disease states will be emphasized. Prerequisite: BIOL 2032 or consent. (*FALL/SPRING/SUMMER*)

2053 Nutrition (3)

A course relating to the digestion, absorption, and utilization of dietary nutrients to the maintenance of human health and quality of life through all stages of growth and development. (*FALL*).

2063 Physiology for Science Majors (3)

Concepts in human physiology will be explored with a wide scope and in detail. In addition to core topics such as the cardiovascular, respiratory, and reproductive systems, students will gain an understanding of more complex functions such as electrophysiological control of excitable cells, intracellular signaling pathways, and transport mechanisms. The effects of disease on representative physiological processes will be discussed for relevance. Intended for students interested in pursuing careers in medicine, dentistry, physical therapy, physician's assistant, biomedical research, or veterinary medicine. Concurrent enrollment in BIOL 2051 is strongly recommended. Prerequisite: BIOL 2032 and 2031/3032, either previously or concurrently. (*SPRING*).

288- Selected Topics in Biology

May be repeated for credit with change of topic.

299- Workshop/Seminar in Biology

May be repeated for credit with change of topic.

3001 Primatology Lab (1)

This course is an arranged lab at the Sedgwick County Zoo comparing the behavior of different genera of Primates and culminating in an individual research project. Internet access required. (*SPRING*)

3002 Primatology (2)

An introduction to the biology and behavior of the Order Primate with an emphasis on the evolutionary relationships of various genera and species within the Order. Internet access required. (*SPRING*)

3032 Human Anatomy Dissection Lab (2)

Lab is a regional approach to the identification of human anatomy structures using cadavers, skeletons and models. This lab DOES include cadaver dissection of muscular, neural, vascular, thoracic and abdominal structures. Lab instruction sessions prepare students for weekly dissections. Recommended for pre-occupational therapy, pre-physical therapy, and pre-physician assistant and pre-med students. *Prerequisite: BIOL 2032 or consent.*

3033 Advanced Anatomy (3)

An in-depth study of human gross anatomy using a regional approach. Musculoskeletal, neural and vascular structures will be emphasized. This is an online course. Computer and Internet access are required. This course is designed for pre-med, pre-physical therapy and pre-occupational therapy students. *Prerequisite: BIOL2032. Concurrent enrollment in BIOL 3032 is recommended. (SPRING)*

3041 Genetics Problem Session (1)

Problems from the genetics lecture are worked and reviewed in class. *Must be taken concurrently with BIOL 3053.*

3051 Genetics Lab (1)

Application of Mendelian inheritance and molecular genetics to further enhance understanding of lecture concepts. Experimental techniques include DNA fingerprinting, electrophoresis, PCR, bacterial transformation and web-based bioinformatics. Students should enroll in both the lecture and lab course concurrently. (FALL/SPRING).

3053 Genetics (3)

A study of the basic principles of genetics and heredity and their application to organisms in the various kingdoms. This study includes both classical and molecular genetics. *Prerequisite: BIOL 1011 and 1013 and 4 credit hours chemistry. Must be taken concurrently with BIOL 3041 (FALL/SPRING).*

3054 Pathophysiology (4)

A thorough molecular, cellular and systemic study of disease states in humans will allow students to associate clinical signs and symptoms with their pathophysiological causes. *Prerequisites: BIOL 2031/3032, BIOL 2032, BIOL 2051 and BIOL 2052 or 2063. (FALL/SPRING/SUMMER.)*

3123 Immunology (3)

Study of the structure and function of the immune system at the molecular, cellular, and organismic level, including immunological conditions associated with disease, transplantation, and cancer. *Prerequisite: BIOL 1011 and 1013 and 4 credit hours chemistry. (SPRING)*

3133 Neuroscience (3)

A study of the major structures/functions of the central nervous system. Topics include central control and integration of sensorimotor systems, special senses and visceral systems as well as higher order functions such as language and memory. *Prerequisite: BIOL 2032.*

3143 Microbiology for Science Majors (3)

This course includes an in-depth study of microbial structure and function, and their relationship to human health and the environment. Emphasis will be placed on microbial human pathogens. This 3 credit hour lecture course will have greater depth and scope than BIOL 2042 Microbiology. This is the recommended course for students interested in pursuing careers in medicine, dentistry, physical therapy, physician's assistant, biomedical research, or veterinary medicine but it is open to any student who has satisfied the prerequisites. *Prerequisites: BIOL 1013 and BIOL 1023. (FALL)*

3303 Exercise Physiology (3)

Introduction to the issues related to exercise behaviors emphasizing intervention strategies. Covers information related to competencies related to effective exercise leadership as well as adherence methods and techniques for exercise participants. *Prerequisites: BIOL 2031/3032, 2032, 2051, 2052 (FALL).*

3323 Kinesiology (3)

Focuses on understanding how structure of the human body determines its formation, how movement is produced, and the relationship to injury and how exercise can maintain, rehabilitate and improve body structure. *Prerequisites: BIOL 2031/3032, 2032, 2051, 2052 (SPRING).*

3404 Sectional Anatomy (4)

This course is designed to familiarize the student with three-dimensional anatomy. Beginning with a review of gross anatomy of the entire body it focuses on the detailed study of normal human anatomy as it is visualized from specific sectional planes. *Prerequisite: Consent. (SPRING)*

399- Workshop/Seminar in Biology

May be repeated for credit with change of topic.

4002 Human Embryology (2)

Study of human embryology including growth, differentiation, and development of a single cell into a multicellular integrated organism. Emphasis in lecture is given on examining human embryology through animal models. (FALL-EVEN YEAR)

4021 Environmental Biology Lab (1)

Field trips to study many biomes and life zones are required for collection, identification and preservation of plants and animals. Lab 2 hours. (FALL)

4022 Environmental Biology (2)

The study of interactions between plants and animals to their abiotic environment and an awareness of environmental pollution and degradation of resources from the perspectives of ethics, human values, and moral obligation. (FALL)

4031 Forensic Science Lab (1)

This course will employ osteological identification and estimation of age, race, sex and trauma of human skeletal remains. Other forensic investigative techniques may also be practiced including archaeological excavation. Presentations by guest speakers and field trips may be required. Prerequisite: BIOL 2032 and 2031/3032 or consent. (SPRING – ODD YEAR)

4032 Forensic Science (2)

This course is a survey of forensic sciences with an emphasis on the study of applied anthropological methodologies of osteology, archaeology and taphonomy (the processes that affect an organism after death) in criminal investigations. Prerequisite: BIOL 2032 and 2031/3032 or consent. (SPRING – ODD YEAR)

4051 Biology Colloquium (1)

Biology graduates should be able to find, read, understand, and analyze peer reviewed research articles, a required skill for many professional schools. This course will include lectures, discussions, guest presentations and practice on how to find, read, understand, and analyze peer reviewed research articles. Biology Colloquium is required for all biology majors. Colloquium may only be taken for credit for one semester. Students will learn how to effectively search for articles from available databanks and read abstracts to determine if articles are relevant. They will also learn how to read and understand data and to critically analyze results and conclusions. Prerequisite: Junior/Senior standing (FALL/SPRING)

4062 Biology Research (2)

(Formerly BIOL 4063 Biology Research) The purpose of this course is to complete an experimental investigative biology project. A problem is selected and investigated by the junior or senior biology major under the direction of a faculty member in the area. Results must be presented on Scholars Day at the completion of the research project. This course may be repeated for credit. Prerequisite: Junior/Senior standing. Co-requisite or prerequisite: BIOL 4051. (FALL/SPRING)

4071 Biology Senior Seminar (1)

A course which requires reading, critical review, presentation and discussion of classical and current literature in biology and its areas of specialization. Prerequisite: Junior/Senior major or consent (FALL/SPRING).

4102 Biochemistry Lab (2)

Basic biochemistry experiments performed including protein chromatography, western blot, and electrophoresis. A problem session will also be a part of the lab to enhance understanding of biochemical concepts discussed in lectures. Students should enroll in the lecture and lab courses during the same semester. (FALL/SPRING)

BUSINESS ADMINISTRATION (BSAD)

4103 Biochemistry (3)

Introduction to the basic areas of biochemistry including: lipids, proteins, nucleic acids and carbohydrates and their role in the cell; enzymes, metabolism and energy production and regulatory mechanisms in living systems. Lecture 3 hours; lab 3 hours.

Prerequisite: CHEM 3012 and CHEM 3013. (FALL/SPRING)

4123 Internship in Sports Medicine (3)

Supervised experience in various areas of sports medicine. Open to sports medicine minors only.

Prerequisites: BIOL 3303, 3323 (FALL/SPRING).

4152 Cellular and Molecular Biology Lab (2)

A laboratory course designed to introduce students to current techniques in cellular and molecular biology. Experiments performed will include techniques in recombinant DNA technology (gene cloning), PCR, gel electrophoresis, DNA sequencing, protein expression, and functional genomics. Students will also learn how to culture and genetically transform mammalian cells.

Prerequisites: BIOL 3051 and 3053 or Instructor Consent. (SPRING)

4153 Cellular and Molecular Biology (3)

This course is an advanced study of cellular and molecular biology. Topics include cell structure and function, cell signaling, regulation of gene expression, organization of prokaryotic and eukaryotic genomes, control of the cell-cycle (including apoptosis and cancer) and membrane structure/function. Special emphasis will be placed on understanding techniques used in the study of cellular and molecular biology. *Prerequisites: BIOL 3051 and 3053 or Instructor Consent. (SPRING)*

488- Selected Topics in Biology

May be repeated for credit with change of topic: behavioral biology, endocrinology, hematology, and biofeedback.

495- Cooperative Education: Biology (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in Biology

BUSINESS ADMINISTRATION (BSAD)

A rapidly changing world necessitates frequent change in occupations. The future appears promising and stable for those qualified in accounting and management. This is true in business, professional, social, educational, religious, health-related fields, and personal venture areas.

It is important that the student majoring in business acquire the necessary technical knowledge and skills related to the particular field of interest. It also is very important to obtain an education involving the successful completion of courses in the liberal arts area.

Business majors pursue successful employment in a variety of areas such as banking, management, credits, marketing, insurance, real estate, government, and manufacturing.

2013 Principles of Management (3)

Analysis of management theories and principles as related to the issues of planning, staffing, leading, controlling, and their use in any for-profit or non-profit organization.

2043 Principles and Practices of Public Relations (3)

See COMM 2043. Special attention will be given to public relations as a business activity.

288- Selected Topics in Business

May be repeated for credit with change of topic.

299- Workshop/Seminar in Business Administration

May be repeated for credit with change of topic.

3013 Principles of Marketing (3)

A course designed to introduce the product policies, price, place and promotion elements of the marketing mix within the framework of modern theory. The course also demonstrates the importance of achieving customer satisfaction.

3043 Management and Organizational Behavior (3)

This course introduces the study of effective planning, leading, organizing, and controlling to manage diverse organizations in a dynamic environment. Emphasis is on understanding the behavioral and administrative theories and concepts needed to succeed in contemporary organizations.

3053 Managerial Finance (3)

Corporate organization, types of securities, obtaining short and long term capital are among concepts studied. Includes financial planning and control, forecasting, and budgeting.

Prerequisite: ACCT 2113, ACCT 2123, MATH 2033 or consent.

3073 Operations Management (3)

An overview of the concepts and techniques used in making managerial decisions related to the production or operations function of an organization. Topics include facility location and layout, forecasting, operations scheduling, quality control, inventory planning and control, work design and measurement. *Prerequisite: MATH 2033 and BSAD 2013.*

3103 Legal Environment of Business (3)

An introduction to law presenting an overview of legal principles and how they relate to personal and business decisions. *Prerequisite: Sophomore standing.*

3113 Leadership (3)

This course reviews theories of leadership, develops skills related to leadership, and explores personal styles of leadership. Students pursue an understanding of the role of the leader in organizations and in society.

3123 Organizational Behavior (3)

Develops understanding of psychological and social dimensions of organizational life that affect individual and group behavior. Discusses such management issues as leadership, motivation, stress, discipline, individual self-awareness and teamwork in the context of organizational and personal agendas. *Prerequisite: BSAD 2013.*

3133 Integrated Marketing Communications (3)

This course focuses on a holistic approach to the marketing effort by coordinating and integrating all marketing activities with a goal of maximizing the efficiency and effectiveness through the creation of a message that is appropriate for the target audience and remains consistent across all media. *Prerequisite: BSAD 3013.*

3193 Business Ethics (3)

A timely course designed to ground the student in fundamental theories of ethics in the Judeo-Christian tradition while investigating the perceived conflicting principles of business and ethics. This course compares and contrasts the objective of a profit-making entity with the moral and ethical demands of the individual and society.

3303 Business Communication and Professional Skills (3)

This course prepares students for a career in business and creates an advantage for them by introducing them to the critical and subtle skills required to succeed in the business environment. Topics covered will include business communication, career planning, interpersonal relationships, presentation skills, time management, leadership and teamwork, meeting facilitation, workplace etiquette and more.

3353 Emotional Intelligence in Business (3)

An introduction to the research-based concepts and best practices of emotional intelligence in the business environment. Students will learn the top five characteristics of emotionally balanced individuals, the benefits of having high emotional intelligence, and EQ concepts as they relate to moral truths. Students will be asked to apply EQ understanding through a personal and business construct.

399- Workshop/Seminar in Business Administration

May be repeated for credit with change of topic.

4023 Consumer Behavior (3)

This course focuses on the role of the consumer in the marketing process. Students will analyze the psychological, sociological, and cultural aspects of human behavior affecting consumers' buying patterns. The process for new product reception by the consumer as well as the stages of the consumer purchasing process are also analyzed. *Prerequisite: BSAD 3013.*

4043 Marketing Strategy (3)

A study of the interrelationship between marketing and corporate policies and decision-making. The course also incorporates techniques of strategic market analysis and the development and implementation of marketing plans. *Prerequisite: BSAD 3013 and junior standing*

4053 Talent Management (3)

This course covers topics related to the management of an organization's personnel talent, including employment, placement, and personnel planning; training and development; compensation and benefits; health, safety, and security; and employee and labor relations. Emphasis will be placed on the motivation, attraction, and retention of personnel assets.

4063 Entrepreneurship (3)

This course is designed to help those who are interested in starting their own business or intend to be involved in intrapreneurship in an existing business. Topics covered will include evaluating the potential of the business and risks, developing a business plan and tactics for implementation of the plan. *Prerequisites: BSAD 2013, BSAD 3013 and BSAD 3123 or Consent.*

4073 Strategic Management (3)

Uses case method to explore critical elements in decision making related to management objectives. Involves student actively in exploration of decision opportunities and constraints faced by general managers in public and private sectors. Must be taken at Newman University. *Prerequisite: Senior standing, BSAD 2013, 3013, 3053, ECON 2013, and ECON 2023 or consent.*

4103 Commercial Transactions and Business Associations (3)

Areas of business law studied are Partnerships, Corporations, Property Concepts and Bailment, Sales, Secured Transactions, and Commercial Paper. Designed primarily for accounting majors intending to sit for the CPA exam. *Prerequisite: BSAD 3103.*

4113 Business Internship (3)

Students will receive a supervised experience in performing duties in an actual business environment with emphasis on observing the management decision-making process involved in the conversion of resources into sales of goods and/or services. May be repeated for credit.

4123 Managing the Customer Experience (3)

This course focuses on constructing and administering the customer experience and the customer's relationship with the firm.

4133 Real Estate Investment and Valuation (3)

This course is designed to provide students with practical, real-world training and experience in the financial analysis of real estate investments. The content covers the development of a pro forma in Excel, modeling tax implications, utilizing debt financing, the use of alternative financing options, the use of investor equity, and how to assemble loan packages, approach investors, use sensitivity analysis to understand lender and investor concerns. Students are also taught methods by which to restructure existing projects to satisfy stakeholder concerns.

4143 Venture Capital (3)

This course provides students a thorough understanding of venture capital, business angels and private capital markets. Topics include capital formations, types of investors, valuation of new ventures, financing the growth of the firm, staged financing, and exit strategies. Additional topics will include crowd sourcing and microfinancing for very small businesses.

Prerequisites: BSAD 3053 and BSAD 4063.

4153 Intermediate Finance (3)

This course strengthens and extends the student's knowledge of financial theory and practice. Topics covered include the theory of value, risk and return, capital investment decisions, and financing decisions. Other topics include the mechanics and the regulatory environment of corporate takeovers, leveraged buyouts, and various form of managerial compensation. *Prerequisite: BSAD 3053.*

4163 Investments (3)

This a first course in investments designed to develop a successful investment program. Topics include a discussion of economic and industry specific issues, a survey of securities, security analysis and evaluation, securities markets, and securities laws. *Prerequisite: BSAD 3053.*

488- Selected Topics in Business

May be repeated for credit with change of topic.

489- Independent Study in Business

BUSINESS AND STRATEGIC INTELLIGENCE (BSI) OFFERED EXCLUSIVELY ONLINE

The Bachelor of Science degree with a major in Business and Strategic Intelligence (BSI) is a rigorous, multifaceted academic program that hones students' global problem-solving skills to achieve an advanced level of analytical proficiency. The program leverages software and services to transform data into the actionable intelligence that informs an organization's strategic and tactical business decisions.

3003 Introduction to Intelligence Studies (3)

This course introduces students to the intelligence discipline, providing understanding of how intelligence systems function; fit within policymaking systems of free societies; and receive management and control. The course provides theoretical overview, to include psychology, methods, tools/techniques, basic writing and briefing skills, and data management strategies used for various types of intelligence used throughout the private and public sectors.

3103 Critical Thinking and Psychology in Intelligence Analysis (3)

This course is designed to provide students the opportunity to explore emerging intelligence community techniques for application to intelligence problems, to include historical case studies. Focusing on a variety of techniques from diverse disciplines, the syllabus will provide the student new and potentially useful methods for intelligence analysis as well as familiarization with cognitive challenges analysts encounter in processing, exploiting and disseminating intelligence products.

3123 Law Enforcement Intelligence/Countering Terror (3)

Introduction to law enforcement intelligence definitions, agencies, and methodologies of analysis – to include missions and roles of the crime analyst at local, state, and federal level. The course will also provide an understanding of roots, development, and impact of contemporary worldwide terrorism, emphasizing historical events within the U.S.

3143 Intelligence Collection (3)

This course provides a multidisciplinary overview of Imager Intelligence, Signals Intelligence, Human Intelligence, and Measurement/Signature Intelligence – to include history, capabilities, and limitations of each method. The course also familiarizes students with the collection management process and sub-processes such as Priority Intelligence Requirements, Requests for Information, and the actions involved in prioritizing/allocating pertinent collection platforms.

4103 Law and Ethics in Intelligence (3)

This course will explore the governing laws, rules, and regulations plus ethics associated with intelligence collection, operations, and reporting – with a focus on the United States Constitution and legislations enacted to protect the rights described therein, to include potential liability risk and differing interagency perspectives.

4123 International Relations Theory (3)

This course provides a comprehensive overview of the context in which the development of US grand strategy occurs. The course introduces three traditions of International Relations (IR) to provide a foundation for considering the current opportunities and challenges to US policy in the emerging strategic environment. These course concepts are then applied to historical case studies, enabling students to devise interpretations and responses to International Security issues systematically.

4143 Open Source Intelligence (OSINT) and Social Media Analysis (3)

This course introduces students to collection and analysis techniques used for exploiting social media and open-source material. Students will be exposed to critical theory regarding social media through basic techniques in collection and analysis. A threaded discussion of psycho-socio aspects in intelligence analysis of social media is integrated in course material, as is consistent application of critical thinking skills to open-source reports.

BUSINESS DATA ANALYTICS (BDA)**3103 Intro to Data Analytics (3)**

An introduction to the principles and best practices of discovering meaning in data. Includes fundamentals of data preparation, manipulation, exploration, analysis, and visualization. Students develop proficiency manipulating and visualizing data with industry-standard software packages including Excel and Tableau. Includes fundamentals of developing interactive data dashboards. Requires a computer with a current version of Microsoft Office.

3113 Business Intelligence (3)

Students will develop higher level skills in the preparation and design of data visualizations, including reports and interactive digital dashboards in Tableau Desktop as well as Excel, PowerPoint, and MS Word. Requires a computer with a current version of Microsoft Office.

3123 Data Analytics Programming (3)

An introduction to data analysis utilizing industry-leading data analysis language(s) such as R and/or Python. Students will develop a repertoire of programming techniques to conduct data analysis with greater efficiency and power, even as they increase their familiarity with the data analytics process. Requires a computer with a current version of Microsoft Office.

4211 Sports Analytics Lab Experience (1)

A project based experience assisting collegiate teams in developing, enhancing, and fully utilizing their sports analytics systems.

4313 Predictive Analytics (3)

Students will deepen their understanding of data analysis processes and methods, with a particular focus on descriptive analytics and predictive analytics methods. In the process, students will advance their proficiency with industry-leading analytics software, grow increasingly comfortable with analytics programming (in R and/or Python), and refine their presentation and reporting skills. Requires a computer with a current version of Microsoft Office.

4703 Data Analytics Capstone (3)

A senior project and/or thesis planned and developed under the guidance of the course instructor. Prerequisite: Senior standing or advisor and instructor approval.

CATHOLIC STUDIES (CATH)

1004 Greco-Roman Classics (4)

The heritage of ancient Greece and Rome is foundational to the Catholic intellectual tradition. In this course we will read the following works concerning the Greco-Roman world: Homer, *Odyssey*; Sophocles, *Oedipus Rex*; Vergil, *Fourth Eclogue* and *Aeneid*; William Shakespeare, *Julius Caesar*; Lucretius, *The Nature of the Universe*; Plutarch, *Makers of Rome*; Cicero, *On Duty* and *On Friendship*; Henryk Sienkiewicz, *Quo Vadis*; and St. Augustine, *Confessions*. In addition to regularly scheduled class sessions, this class meets for an extra hour each week, either to memorize poetry, go stargazing, practice calligraphy, or serve at the Lord's Diner along with other opportunities for encountering the Good, the True, and the Beautiful.

2004 Medieval Classics (4)

Among the works read this semester will be: *The Rule of St. Benedict*; Einhard, *Two Lives of Charlemagne*; *Song of Roland*; Geoffrey of Villehardouin, *Memoirs of the Crusades*; William Shakespeare, *Othello*; *Sir Gawain and the Green Knight*; St. Francis of Assisi, *Little Flowers*; G. K. Chesterton, *St. Thomas Aquinas: The Dumb Ox*; St. Catherine of Sienna, *Dialogues*; Julian of Norwich, *Showings*; Chaucer, *The Canterbury Tales*; and Dante Alighieri, *Inferno*. In addition to regularly scheduled class sessions, this class meets for an extra hour each week, either to memorize poetry, go stargazing, practice calligraphy, or serve at the Lord's Diner along with other opportunities for encountering the Good, the True, and the Beautiful.

4003 Renaissance and Early Modern Classics (3)

Among the works read this semester will be: Boccaccio, *The Decameron*; William Shakespeare, *Henry IV*, Part I and II; Miguel de Cervantes, *Don Quixote, Part I*; John Milton, *Paradise Lost*; St. Teresa of Avila, *Interior Castle*; Blaise Pascal, *Pensees*; Walter Scott, *Ivanhoe*; Edmund Burke, *Reflections on the French Revolution*; Christopher Dawson, *Christianity and European Culture*. In addition to regularly scheduled class sessions, this class meets for an extra hour each week, either to memorize poetry, go stargazing, practice calligraphy, or serve at the Lord's Diner along with other opportunities for encountering the Good, the True, and the Beautiful.

4013 Contemporary Catholic Classics (3)

Among the works read this semester will be: John Henry Newman, *The Idea of a University* and selections from his *Parochial and Plain Sermons*; Gerard Manley Hopkins, *The Wreck of the Deutschland*; T. S. Elliot, *The Wasteland*; William Shakespeare, *King Lear*; Paul Claudel, *The Tidings Brought to Mary*; George Bernanos, *The Diary of a Country Priest*; Evelyn Waugh, *Brideshead Revisited*; G. K. Chesterton, *The Everlasting Man*; Graham Greene, *Monsignor Quixote*; Dorothy Day, *The Long Loneliness*; Flannery O'Connor, *A Good Man Is Hard To Find*; J. F. Powers, *Collected Stories*; Alice Thomas Ellis, *The Sin Eater*; and Muriel Spark, *The Mandelbaum Gate*. In addition to regularly scheduled class sessions, this class meets for an extra hour each week, either to memorize poetry, go stargazing, practice calligraphy, or serve at the Lord's Diner along with other opportunities for encountering the Good, the True, and the Beautiful.

CHEMISTRY (CHEM)

A study of chemistry allows individuals to obtain a sound background in preparation for advanced study, meet qualifications of professional chemists, acquaint themselves with the chemical aspects of the environment and civilization, deepen knowledge in chemistry as a scientific discipline, and prepare for professional careers in medicine, dentistry, pharmacy, medical technology, engineering and other fields.

Before enrolling in a course which has a prerequisite course listed, the student must have earned a grade of "C" or better in the prerequisite course. For courses having a corresponding laboratory, both the lecture and the laboratory courses must be taken concurrently unless one of the courses has already been successfully completed with a grade of "C" or better.

- 1001 Introduction to Chemistry Lab (1)**
Lab emphasizes basic laboratory techniques, measurement, observation and analysis of data.
(FALL, SPRING, SUMMER)
- 1003 Introduction to Chemistry (3)**
An introduction to general, organic and biochemistry for those with no previous background in chemistry. This course is appropriate for those seeking to meet their general education requirement in physical science. *Prerequisite: MATH 1043 or concurrent enrollment. (FALL, SPRING, SUMMER)*
- 1010 General Chemistry 1 Problem Session (0)**
Problems from the lecture are worked and reviewed in class. *Must be taken concurrently with CHEM 1013 (FALL/SUMMER)*
- 1012 General Chemistry 1 Lab (2)**
Lab emphasizes basic laboratory techniques, measurement, observation and analysis of data. Class meets three hours per week for lab work and 1 hour for group discussion. (FALL)
- 1013 General Chemistry 1 (3)**
A first course for the chemistry major. This course is also appropriate for the biology major. Students seeking only to meet a general education requirement should enroll in CHEM 1001/1003. Topics include atomic structure and the periodic law, bonding, thermochemistry, states of matter and stoichiometry. *Prerequisites: One year of high school chemistry (with a grade of B or better) or CHEM 1001/1003 and completion of MATH 1043 (or a math ACT score of 23 or greater or placing into MATH 1053 on the NU math placement exam). (FALL)*
- 1020 General Chemistry 2 Problem Session (0)**
Problems from the lecture are worked and reviewed in class. Must be taken concurrently with CHEM 1023. (SPRING)
- 1022 General Chemistry 2 Lab (2)**
Laboratory topics complement the topics covered in CHEM 1023, and include kinetic and thermodynamic studies, inorganic synthesis, and an introduction to instrumental analysis. Class meets three hours per week for lab work and 1 hour for group discussion. (SPRING)
- 1023 General Chemistry 2 (3)**
A continuation of CHEM 1013. Topics include kinetics, acids and bases, equilibria, thermodynamics, electrochemistry and descriptive inorganic chemistry. *Prerequisite: 1010 and 1012 and 1013. (SPRING)*
- 299- Workshop/Seminar in Chemistry**
May be repeated for credit with change of topic.
- 3001 Chemistry Seminar (1)**
Students will study the organization of the chemical literature, career opportunities in chemistry, resume writing and job search strategies. Each student will present a seminar on a topic in chemistry. *Prerequisites: CHEM 3020 and 3022 and 3023, and junior standing (FALL).*
- 3010 Organic Chemistry 1 Problem Session (0)**
Problems from the lecture are worked and reviewed in class. Must be taken concurrently with CHEM 3013. (FALL/SUMMER)
- 3012 Organic Chemistry 1 Lab (2)**
Lab emphasizes basic purification techniques (both macro- and microscale), basic spectroscopy, and effective written communication of experimental findings. Class meets three hours per week for lab work and 1 hour for group discussion. (FALL)

3013 Organic Chemistry 1 (3)

A study of the structure and chemistry of the major organic functional groups, with a special emphasis on stereochemistry and reaction mechanisms. This is not a terminal course in organic chemistry. *Prerequisite: CHEM 1020 and 1022 and 1023. (FALL)*

3020 Organic Chemistry 2 Problem Session (0)

Problems from the two lecture are worked and reviewed in class. Must be taken concurrently with CHEM 3023. *(SPRING)*

3022 Organic Chemistry 2 Lab (2)

Topics include study of reaction mechanisms, inert atmosphere techniques, organic synthesis, and use of the chemical literature. Students will have increased input for experimental design. Class meets three hours per week for lab work and 1 hour for group discussion. *(SPRING)*

3023 Organic Chemistry 2 (3)

This course deals with organic chemistry, sorted by criteria other than functional groups. Topics include molecular orbital theory, functional group transformations, physical organic chemistry, reaction mechanisms, spectroscopy, synthesis and an introduction to biochemistry. *Prerequisite: CHEM 3010 and 3012 and 3013. (SPRING)*

3033 Advanced Inorganic Chemistry (3)

In this course the chemical and physical properties of inorganic compounds are investigated. Ligand field and molecular orbital bonding theories will be applied to inorganic species. *Prerequisites: CHEM 3020 and 3022 and 3023. (FALL-ODD YEAR).*

3041 Environmental Chemistry Lab (1)

Laboratory topics complement the topics covered in Environmental Chemistry. CHEM 3043. Lab emphasizes basic laboratory techniques, measurement, observation and analysis of data. Topics include sampling methods, sample preparation, qualitative analysis, quantitative analysis, and evaluation of scientific conclusions. Lab meets for 2 hours per week. *(SPRING-EVEN YEAR)*

3043 Environmental Chemistry (3)

An introductory survey course in which students study the chemical reactions of air, water, and soil in the environment. The effect of humans on the environment will be evaluated from scientific, social, political, economic, and ethical points of view. Topics include atmospheric chemistry, air and water pollution, climate change, toxicology of chemicals, and waste disposal. *(SPRING-EVEN YEAR)*

3062 Analytical Chemistry 1 Lab: Quantitative Analysis (2)

Fundamental analytical technique is the underlying theme of this laboratory-based course. Experimental areas include titrimetric, gravimetric, electrochemical, spectrochemical, and chromatographic methodologies. The ability to effectively communicate laboratory information, data, and conclusions in oral and written forms is also emphasized. Class meets six hours per week. *(FALL)*

3063 Analytical Chemistry 1: Quantitative Analysis (3)

This course involves the rigorous study of theory and laboratory techniques used in wet chemical analysis with considerable emphasis placed on chemical equilibria. In addition, the instrumentation and methodology of spectroscopy and electroanalytical techniques (potentiometry, voltammetry, coulometry, and conductance) will be discussed. *Prerequisites: CHEM 1023. (FALL)*

399- Workshop/Seminar in Chemistry

May be repeated for credit with change of topic.

4013 Advanced Organic Chemistry (3)

A lecture course that covers state-of-the-art and/or recent advances in organic chemistry. Topics include a quantitative treatment of molecular orbital theory, multidimensional NMR, stereoselective synthetic methodology, and total synthesis of natural products.
Prerequisites: CHEM 3020 and 3022 and 3023. (SPRING-ODD YEAR)

4022 Analytical Chemistry 2 Lab: Instrumental Analysis (2)

This laboratory-based course emphasizes the fundamental understanding, routine use, and calibration of a variety of chemical instrumentation including various forms of spectroscopy, chromatography, detection of radioactive materials, and mass spectrometry. *(SPRING-ODD YEAR)*

4023 Analytical Chemistry 2: Instrumental Analysis (3)

This course explores the physicochemical basis and operation of instrumentation used in qualitative and quantitative analysis. Sampling considerations, data processing and analysis, and instrumental configuration will be discussed for atomic and molecular spectroscopies (UV-Vis, FTIR, and fluorescence), chromatography, electrophoresis, and mass spectrometry. *(SPRING-ODD YEAR)*

406- Chemistry Research

Chemistry research allows students to work on an independent research project under the guidance of a faculty research mentor. The student will formulate questions, conduct a literature review, develop experiments, collect and analyze data and submit his/her findings in a formal report. The student is also expected to present his/her results in CHEM 3001 Chemistry Seminar or another approved venue. The projects are normally completed in one semester, although this course may be repeated for credit.

4071 Chemistry Internship (1)

Students will gain first-hand, practical experience by working in the department's chemistry laboratories and stockroom. The course will emphasize chemical hygiene, waste disposal, and inventory management. Students will work two hours per week. This course may be repeated for credit. *(FALL, SPRING, SUMMER)*

4102 Biochemistry Lab (2)

See BIOL 4102.

4103 Biochemistry (3)

See BIOL 4103.

4123 Bio-Organic Chemistry (3)

A study of the metabolism and laboratory syntheses of the major classes of biologically important molecules. Topics will include proteins and amino acids, carbohydrates, lipids and nucleic acids.
Prerequisite: CHEM 3020 and 3022 and 3023. Biochemistry is not a prerequisite (SPRING).

4202 Chemical Thermodynamics (2)

An introduction to physical chemistry that emphasizes the experimental and theoretical aspects of chemical thermodynamics. These principles are applied to a variety of physical and chemical phenomena including real and ideal gas and solution phenomena, reaction equilibria, and phase equilibria. *Prerequisites: PHSC 2021 and 2023 or PHSC 2025 and MATH 2025. (FALL)*

4212 Chemical Kinetics (2)

An introduction to physical chemistry that emphasizes the experimental and theoretical aspects of chemical reaction kinetics, including transition-state theories, classical techniques, and statistical mechanical estimation of rate constants. These principles will be applied to a variety of physical and chemical phenomena including reactions in the gas phase, liquid phase, and on surfaces. They are discussed with examples drawn from atmospheric, combustion, industrial, catalytic, and biological chemistry. *Prerequisites: PHSC 2021 and 2023 or PHSC 2025 and MATH 2025. (FALL)*

4213 Quantum Chemistry (3)

An introduction to physical chemistry that emphasizes the experimental and theoretical aspects of quantum chemistry. These principles will be applied to a variety of physical and chemical phenomena including bonding theories and spectroscopy. *Prerequisites: PHSC 2021 and 2023 or PHSC 2025 and MATH 2025. (SPRING-EVEN)*

4221 Advanced Chemistry Lab (1)

Topics include laboratory explorations of thermodynamics, kinetics, and atomic and molecular spectroscopy. An emphasis will be placed on experimental design, development of an investigative approach, and communication of laboratory results. Must be taken concurrently with CHEM 4213. *Prerequisites: CHEM 4202 and 4212. (SPRING-EVEN)*

488- Selected Topics in Chemistry

May be repeated for credit with change of topic.

495- Cooperative Education: Chemistry (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in Chemistry

COMMUNICATION (COMM)

Newman University offers a curriculum that focuses on key areas of study within communication including journalism, mass media, and interpersonal, organizational and public communication.

The communication major is designed to prepare students for a variety of entry level positions in writing, publicity, sales, public relations, journalism and corporate communication. The major also prepares students for graduate study in communication areas and is an excellent major for the pre-law candidate.

1003 Introduction to Mass Communication (3)

This course offers a broad look at the mass communication field and is designed to introduce the student to theories, systems, history, functions, effects, ethics, responsibilities, trends, media freedom and regulation. Focus on specific mass media industries includes: books, newspapers, magazines, film, radio, television, cable, video gaming, public relations, advertising and the Internet. Additionally, the student will be introduced to a variety of professional occupations in the mass media industry. *(SPRING-EVEN YEAR)*

1013 Oral Communication (3)

This course will provide a basic study of the elements contributing to effective oral communication, including such areas as interpersonal, small group and public communication. *(FALL/SPRING)*.

1023 Introduction to Journalism (3)

Introductory course in the journalistic disciplines of news gathering, fact finding, interviewing, and writing for publication using Associated Press style. The student will gain an understanding of press law, ethics and a critical view of his or her work *(FALL)*.

1033 Group Communication (3)

This course will provide a practical study of communication principles and interactions which occur in small group and interview settings. Focus will be on theory, analysis, application and group communication skill development. *(SPRING-ODD YEAR)*

2003 Voice and Diction (3)

This course is the study of voice production and vocal interpretation of written materials. The student will receive individualized instruction on voice, including projection, pitch, pace, tone and diction, oral interpretation and the presentation of manuscript materials that could include scripts for television, film, stage, or commercials. *(SPRING-ODD YEAR)*

2033 Professional Presentations (3)

The study and practice of professional presentations in an ever-changing marketplace. The student will learn to identify and utilize the most effective type of oral presentation in a variety of professional settings: including sales presentations, campaign speeches, broadcast news and a variety of presentations appropriate in the workplace. Attention to research, analysis, visual aids and delivery. Course includes historical and critical study of leading American speakers, their speeches and philosophies. *Prerequisite: COMM 1013 (SPRING)*.

2043 Principles and Practices of Public Relations (3)

An overview of public relations as it relates to American society, including theory, management dynamics, and ethics and career options in the public relations field. Students will gain practical experience working on public relations projects. *Prerequisite: COMM 1023 or instructor consent (FALL-ODD YEAR)*.

2063 Introduction to Film (3)

See ENGL 2063.

2103 Interpersonal Communication (3)

This course will explore the issues which influence one-on-one communication in both personal and professional settings. Sample topics include communication strategies for relationship initiation, maintenance and dissolution; conflict resolution; listening skill development; nonverbal communication and supportive versus defensive communication. Students will also study the effects of gender, cultural and societal influences on the communication process.

Prerequisite: COMM 1013 (FALL).

2113 Interpersonal and Small Group Team Building (3)

This course will focus on developing positive interpersonal communication skills and business relationships among colleagues, subordinates, and superiors, including a focus on active-listening and conflict resolution. Students will prepare for collaborative situations including working with colleagues and clients by learning how to guide and empower others through building trust and commitment in respectful and authentic interactions.

2123 Communication and Computer Technology (3)

This course will explore concepts in computer-mediated communication (CMC) and help students develop related skills. Ethical, practical and theoretical concepts surrounding social media and other new media technologies will be covered. Students will develop an understanding of how CMC and new media are shaping areas from business to politics to interpersonal relationships. Students will also get hands-on experience developing an online presence and in using CMC to effectively market themselves. *Prerequisite: IT-1013 (SPRING-EVEN YEAR).*

2143 Intermediate Oral Communication (3)

This course builds upon introductory public speaking training and emphasizes real-world speaking situations and the necessity of adapting to a wide range of audiences and speaking situations. Students will have extensive speaking performance opportunities and will receive feedback from faculty and students. *Prerequisite: COMM 1013.*

2153 Advanced News Reporting and Writing (3)

This course offers a more advanced approach to reporting and writing and is conducted in a newsroom setting. Students learn techniques for interviewing sources, approaches to feature writing, and strategies for accessing public records. Assignments are centered on intensive weekly writing and reporting exercises, with the goal of producing stories publishable in *The Vantage*. *(SPRING – EVEN YEAR)*

288- Selected Topics in Communication

May be repeated for credit with change of topic.

299- Workshop/Seminar in Communication

May be repeated for credit with change of topic.

3013 Cross-cultural Communication (3)

This course is an examination of the similarities and differences in communication forms and patterns across diverse global cultures, with an emphasis on nonverbal elements including customs, attitudes toward change and technology, time, workplace procedure and other norms, religion, art, and daily life issues. Barriers to understanding are analyzed, as are developing trends in U.S. demographics and working with persons from varying backgrounds.

Prerequisites: ENGL 1013 and COMM 1013 or COMM 1033. (SPRING)

3033 Feature Writing (3)

Students will be guided through the study and practice of interviewing, researching and writing feature stories, such as human interest and personality profiles, suitable for newspaper or magazine publication. Students will learn how to research free-lance markets, submit queries to editors and prepare manuscripts for publication.

Prerequisite: COMM 1023 (SPRING-ODD YEAR).

3053 Organizational Communication (3)

A course designed to introduce students to the influences of human communication on organizational effectiveness. Sample topics include: communication and organizational culture, communication and leadership, internal/external organizational communication systems, and information flow in organizational settings. *Prerequisite: COMM 1013 (SPRING-EVEN YEAR).*

3063 Special Projects in Public Relations (3)

This course offers a detailed study and technical application of planning, producing, managing, implementing and evaluating a variety of public relations and promotional activities as they relate to selected events, situations, and organizational needs.

3093 Business and Professional Writing (3)

See ENGL 3093.

3103 Journalism Practicum: Beat Reporting (3)

Students are assigned beats and write stories independently reported on those beats for publication in *The Vantage*. Students determine what is newsworthy in consultation with *Vantage* editors and the practicum instructor. The instructor will intensively review drafts of stories with the student in advance of *The Vantage's* deadline, so stories can be rewritten and reported as needed. *Prerequisite: COMM 1023 or consent.*

3113 Journalism Practicum: Copy Editing and Layout (3)

Students are assigned copy editing and layout roles with *The Vantage* and are trained in editing and proofreading skills, as well as the arts of headline writing and page layout. Includes basic training in QuarkXPress. *Prerequisite: COMM 1023 or consent.*

3133 Journalism Practicum: Advertising (3)

Advanced study and work experience in advertising, most often on the campus newspaper. *Prerequisite: COMM 1023 and 3103 or consent (FALL/SPRING).*

3143 Journalism Practicum: Photography (3)

Students are taught basic photography skills and how to employ those skills in a journalistic setting. Students take regular assignments from *Vantage* editors and produce photographs for publication in *The Vantage*. Includes basic training in Adobe Photoshop. *Prerequisite: COMM 1023 or consent.*

3153 Journalism Practicum: Newspaper Management (3)

Students are hired in management roles at *The Vantage*. Students learn advanced newspaper management skills, including story planning, layout planning, managing a budget, strategic planning, and communicating with readers. *Prerequisite: Instructor consent.*

3163 Rhetorical Theory and Criticism (3)

This course is an introduction to the methods used for the analysis and critique of various rhetorical elements. It is designed to help students become more discerning consumers of public and mass-mediated messages. Examples are drawn from print advertisements, radio and television messages, newspaper features and public speeches. *(FALL-ODD YEAR).*

3183 Digital Marketing (3)

This course will focus on how to navigate the digital landscape by presenting the guiding principles and concepts of brand strategy with the focus on electronic communication channels and messaging. Students will learn how to use hands on tools, including search engine optimization, search engine marketing, social media, email marketing, and display ads as well as how to optimize metrics. *Prerequisite: BSAD 3133 or BSAD 4043.*

3203 Social Media for Promotion and Communication (3)

This course is designed to explore how to best utilize social media in strategic ways. Students will explore how to use social media (including such networking sites as Twitter, Facebook, LinkedIn, and YouTube among others) to connect with audiences in new ways, to bring attention to their products and services, and to help create and craft branding.

399- Workshop/Seminar in Communication

May be repeated for credit with change of topic.

4003 Theories of Communication (3)

This course reviews the major theoretical contributions to the field of communication studies. Attention is paid to diverse philosophical and theoretic influences in the development of communication theory (*FALL-EVEN YEAR*).

4013 Persuasion (3)

The study of persuasion as it occurs in today's society, especially in the political, religious, and advertising realms. Emphasis is on understanding the behavior and attitude changes that occur as a result of social influence through communication. *Prerequisite: COMM 1013 or COMM 1033 (SPRING-ODD YEAR)*. This course is a study of persuasive theories and strategies utilized in a variety of human context with an emphasis on applying principles of persuasion to alter attitudes or behavior. Persuasive campaigns will be developed to address organizational and civic challenges with the goal of positive transformation. Students will analyze persuasive messages for effectiveness and develop skills for offering feedback and the process of iterative message development.

4033 Critical Thinking and Argumentation (3)

The study of critical thinking and human information processing. Students will learn to recognize and avoid the common fallacies committed in everyday discussion, the news media, advertising, law, politics, and science. They shall become acquainted with various logical, rhetorical, and linguistic moves which are used in argument. As a result, students should acquire a more realistic (less naive) view of the world, society and political systems. As students learn their way around rational discussion and argument, they will become more confident and effective critics of others' positions and a better defender of their own position as well as becoming more aware of their own views and habits. *Prerequisite: COMM 1013 (FALL-EVEN YEAR)*.

4103 Journalism History, Law and Ethics (3)

This capstone course for journalism minors covers the history of journalism in America, with an emphasis on the legal and constitutional history of the First Amendment, libel laws and "sunshine" laws. Students gain an understanding of what constitutes actionable libel and how to avoid it, as well as privacy and copyright laws in the context of both traditional and new media platforms. Additionally, they gain an understanding of ethical problems facing journalists and how to resolve them.

4133 Mindful Leadership (3)

The course introduces students to the concept of creating organizations whose cultures can be characterized as responsible, just, and compassionate.

4603 Communication Senior Seminar (3)

This course requires students to research, develop and present an analysis, interpretation, and evaluation of a communication artifact. The project will demonstrate a synthesis of the major course work and will be presented to the communication faculty. *Prerequisite: Senior standing (FALL)*.

488- Selected Topics in Communication

May be repeated for credit with change of topic: organizational communication, intercultural communication, introduction to radio and television, etc.

495 -Cooperative Education: Communication (1–3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit up to six hours with change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator (FALL/SPRING/SUMMER).*

499- Independent Study in Communication**CRIMINAL JUSTICE (CRJ)**

Criminal Justice is the scientific discipline which seeks to understand and explain the basic processes and structures related to the criminal justice system. The discipline combines both theoretical and applied perspectives to help students both understand and use their knowledge. Knowledge of the criminal justice system provides excellent preparation for professional careers in criminal justice and related fields or for further studies at the graduate level.

1003 Perspectives on Substance Use and Abuse (3)

This course provides students with an introduction and understanding of how various drugs impact your body and brain, the history of why some drugs are illegal and some are not, and how our society responds to people who use drugs. Students will also learn to think logically and critically about why we respond to drug offenders the way we do, dispel common misconceptions about drugs and drug addiction, and foster informed, rational conclusions about how we should respond to people who use drugs.

1013 Introduction to Criminal Justice (3)

This course will provide students with an introduction and overview of the system (police, courts, and corrections) of criminal justice operated in the United States today. It will provide an exploration of the historical development, current operations, and future trends of criminal justice.

2003 American Minorities (3)

See SOC 2003.

2013 Comparative Criminal Justice (3)

See SOC 2013.

2023 Police Operations (3)

This course provides an overview of the function of police and the operation of police departments in contemporary society. Topics will include police culture, police discretion and ethics, police training and education, police in a multicultural setting and police administration. *(SPRING-EVEN YEAR).*

288- Selected Topics in Criminal Justice

May be repeated for credit with change of topic.

299- Workshop/Seminar in Criminal Justice

May be repeated for credit with change of topic.

3033 Juvenile Delinquency (3)

See SOC 3033.

3063 Applied Statistics (3)

See PSY 3063.

3073 Criminology (3)

See SOC 3073.

3093 Corrections (3)

See SOC 3093.

3113 Criminal Investigation (3)

An examination of the fundamentals of criminal investigation, including theory of investigation, conduct at crime scenes, collection and preservation of evidence, interviewing and interrogation and techniques of surveillance. Throughout the course, emphasis will be placed on the methods appropriate to each. (*SPRING-EVEN YEAR*).

3143 Gangs: Culture and Crime (3)

See SOC 3143.

3163 Criminal Justice Organizations (3)

Provides a comparative survey of philosophy, problems, procedures, and functions in the administration of agency organizations. This includes strategies for the administration of operations and personnel.

399- Workshop/Seminar in Criminal Justice

May be repeated for credit with change of topic.

4023 Sociology of Law (3)

See SOC 4023.

4031 Forensic Science Lab (1)

See BIOL 4031

4032 Forensic Science (2)

See BIOL 4032.

4053 Methods of Research (3)

See SOC 4053.

4063 Research and Writing Seminar (3)

See SOC 4063

4103 Criminal Law (3)

This course covers the development and content of the laws that define crime and includes a review of the criminal procedures used in the criminal justice system.

4153 Criminalistics (3)

This course provides an overview of forensics investigation of crime, including specific techniques used for identification and analysis of individuals, items of evidence, and crime scenes.

488- Selected Topics in Criminal Justice

May be repeated for credit with change of topic.

495- Cooperative Education: Criminal Justice (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the Cooperative Education coordinator. May be repeated for credit with change of agency or topic. Prerequisite: at least junior standing and consent of faculty coordinator and Cooperative Education coordinator.

499- Independent Study in Criminal Justice

ECONOMICS (ECON)

Economics is a social science studying the process of how to provide for the material well-being of society. These courses offer an indispensable view of “the ordinary business of life” and should be of interest to all students since everyone is affected by economic matters.

2013 Macroeconomics (3)

An introduction to the determinants of employment, inflation, and economic growth. Included is an analysis of international trade.

2023 Microeconomics (3)

Emphasis on the behavior of the individual in the economy and the interrelations among markets.

288- Selected Topics in Economics

May be repeated for credit with change of topic.

299- Workshop/Seminar in Economics

May be repeated for credit with change of topic.

3003 Intermediate Economics (3)

An extension of the principles course, with a focus in sound managerial decision making. An emphasis on mathematical optimization, techniques in real world applications will be at the forefront of the course. Key topics will include production and cost analysis, market structure and its implications for firm behavior, game theory, and quantitative demand analysis.
Prerequisite: ECON 2013, ECON 2023, MATH 2023.

3013 International Economic Environment of Business (3)

This course deals with the international economic environment of business, focusing in particular on three types of international economic issues facing US business; international trade, international finance and foreign investment. *Prerequisite: ECON 2013 or equivalent.*

3073 Money and Banking (3)

Study of the structure and operation of the money and banking system, the theory and history of money, credit and commercial banking, international financial relationships, and the Federal Reserve System. *Prerequisite: ECON 2013, ECON 2023.*

399- Workshop/Seminar in Economics

May be repeated for credit with change of topic.

488- Selected Topics in Economics

May be repeated for credit with change of topic.

499- Independent Study in Economics

EDUCATION (EDUC)

School of Education programs at both the undergraduate and graduate levels are built upon a broad theme or Conceptual Framework based upon the concept of the caring, reflective practitioner as integral to the possibility of transformational conditions within self, schools and society, local and global. Consequently, the mission of the School of Education is...to inspire and encourage students to become caring, reflective practitioners who are intellectually and spiritually motivated to transform self, schools, and society.

The Conceptual Framework has philosophical roots in the historic educational and social justice-oriented mission of the university's founding/sponsoring religious order, the Adorers of the Blood of Christ (ASC). The framework also builds upon the liberal arts and social justice-oriented mission and philosophy of Newman University as a Catholic institution of higher learning. Current and evolving educational/pedagogical ideas, concepts, practices, and related research have been—and continue to be—used in providing substance to the framework as a living document.

In fulfilling the mission of educating caring, reflective practitioners, the School of Education expects graduates of both the undergraduate and graduate programs, to be educators who are knowledgeable, caring, reflective, visionary, collaborative and ethical. Our graduates will be:

Knowledgeable educators who engage in critical thinking, possess basic quantitative skills and communicate effectively. Graduates will also be acquainted with the major concepts and structures of their disciplines, with how individuals learn, with instructional and assessment strategies that ensure continual development of learners, and with the integration across content areas and technology to enrich curriculum and enhance instructional practices.

Caring educators who are concerned about the whole person, in self and in others; who demonstrate responsibility to the community and society; who respect the dignity of every person by creating instructional opportunities that are equitable for all learners; who listen carefully and seek to understand and do what is just; and who make ethical decisions.

Reflective educators who are perceptive, curious, discerning and who use good judgment; who evaluate the effects of their choices; who understand the historical, philosophical and social foundations of education that guide educational practices; who exhibit life-long learning.

Visionary educators who collaborate with others to transform; who use data, research and best instructional practices to achieve a virtuous learning community; and who use assessment strategies to ensure the continual development of all learners.

Collaborative educators who value collegial relationships as well as the knowledge and insights acquired from them; who respectfully listen to others; who seek to join others in fostering active inquiry and supportive interaction in the classroom; who work to transform and to improve schools through instructional strategies focusing upon improved learning for all students.

Ethical educators who embody goodness, integrity, truth, justice and compassion as well as employ a moral and ethical framework in decision making; and whose decisions are crafted in the pursuit of the common good, which includes advancing the causes of peace and justice.

These six themes—knowledgeable, caring, reflective, visionary, collaborative and ethical—are integrated into the preparation of students to meet the Professional Education Standards established by the Kansas State Department of Education. Both undergraduate and graduate programs are responsive to the mission of the School of Education and its relationship to the university's mission. The liberal arts core, as well as professional and pedagogical studies, including field experiences, are designed to graduate individuals who possess the aforementioned knowledge and skills, as well as the dispositions to act in accordance with these themes.

Admission to Teacher Education Program (TEP)

Students must apply for and be formally accepted into the teacher education program. Acceptance is required for enrollment in upper level education courses. Admission is a very deliberate and reflective process. The application process, begun in the sophomore year or during the first semester for licensure-only students, includes the following steps to be used as criteria for consideration:

Completion of the application form and checklist and submission of these documents to the School of Education.

Submission of a typewritten autobiography of no more than 750-1000 words, which includes an introduction, an explanation of career choice, experiences working with children, and a list of pertinent interests and accomplishments. The applicant should also include a statement regarding personal connection with the School of Education's conceptual framework, which is based upon the concept of the caring, reflective practitioner as integral to the possibility of transformational conditions within self, schools and society, local and global.

Consultation with the advisor to develop a tentative plan of study.

Receipt of three satisfactory letters of recommendation including, for traditional students, one outside the School of Education, and for middle/secondary, a content advisor. Transfer students or licensure-only students may request a recommendation from faculty members from a previous college or university or a current colleague or supervisor in a professional education setting. For secondary education majors, one recommendation must be from the student's designated content advisor.

Sixty or more total college hours

Demonstrate competence in the basic skills necessary for success in the program by passing one or a combination of the admission tests to enter the program. Admission test options include the ACT, requires scores of 19 or higher; or the Praxis Core Academic Skills for Educators (CASE) test with scores of Reading not less than 156, Writing not less than 162, and Math not less than 142. Students who did not take the ACT Writing Test are required to have a (CASE) Writing score of not less than 162 if the ACT is used for admission. Candidates who hold a bachelor's degree with at least a 3.0 cumulative GPA are exempt from admission testing. Advisors may petition the Teacher Education Council for an alternative demonstration of competence in the basic skills on behalf of an advisee.

Grade of "C" or better in College Writing 1 and 2, Speech, College Algebra or Math for Liberal Arts or a higher level math course, and General Psychology.

Cumulative GPA of 2.70 or higher

Satisfactory interview with a subcommittee of the School of Education. Students are advised that based upon all data, including the interview, the School of Education reserves the right to make recommendations to improve the quality of a candidate's performance and standing with regard to admission to the program.

Final approval for admission to the Teacher Education Program is determined by members of the School of Education unit. Students should understand that the completion of the above requirements does not in and of itself qualify them for admission to the Teacher Education Program. Students shall be admitted to the Teacher Education Program only if the above requirements are met and if, in the judgment of the majority of the faculty of the unit, the student has the personal qualifications necessary to be a successful teacher.

Admission to Teacher Internship Program (TIP)

One full semester prior to the anticipated last semester, application should be made for internship. The student must complete an application form and submit it to the coordinator of teacher internships. A School of Education faculty subcommittee (Admission and Progression) will formally consider all intern applicants, based upon the following criteria:

Achieving and maintaining a cumulative GPA of 2.70.

Meeting health standards required by K.S.A. 72-5213: Certification of Health for School Personnel.

Completion of required professional education courses with a 3.0 GPA and no grade lower than "C". Secondary education majors must also have a GPA of at least 2.5 in their content area with no grade lower than a "C" in any content course.

EDUCATION (EDUC)

Submit a reflection paper which includes an introduction, an explanation of choice, reflections on teaching, learning, and the growth that has occurred toward becoming an educator dedicated to personal, educational, and society transformations. Students who are dedicated to being caring, reflective and collaborative practitioners should elaborate on their roles and responsibilities as builders of a learning community. The impact of such a learning community upon personal and professional development, ethical decision-making, and the larger community should be included.

Submit two TIP recommendation forms from appropriate faculty members.

Completion of at least 111 total undergraduate credit hours prior to internship.

Conference with and recommendation of the advisor.

Students shall be admitted to the internship only if the above requirements are met, and if, in the judgment of the majority of the unit faculty members, the student has the personal qualifications necessary to be a successful teacher. Following approval for admission to the internship by the School of Education, the candidate must maintain and complete all program requirements to actually be placed in the internship.

Application forms and materials may be obtained from the education advisor or the School of Education Office. Students who do not fulfill the qualifications for admission to the Teacher Education Program or for the internship are extended the right of a due process hearing before the Admission and Progression Subcommittee of the School of Education. Following this, if necessary, an appeal may be made to the Office of the Vice-President for Academic Affairs.

Successful completion of the appropriate state licensure examinations is a requirement for teacher candidates applying for Kansas licensure. These include the appropriate Principles of Learning and Teaching (PLT) and the appropriate content assessment (Praxis II). The student is responsible for the cost of these tests.

Students completing the internship from Newman University may request follow-up assistance from university personnel during their first year of teaching. Administrators may also request assistance for first year teachers from Newman. The assistance will be by phone, e-mail, or mail for all students and may include on-site assistance for those graduates who teach within a 50-mile radius of a program site.

Sites for Field Experiences

The School of Education is committed to preparing teachers and administrators who have the capacity to work with ALL children. Students will be expected to have experiences with various forms of diversity, including but not limited to the following: socio-economic, cultural/ethnic, exceptionalities and public/private settings.

Licensure-Only Program

Students who have completed a bachelor's degree at an accredited institution and who are seeking teacher licensure are eligible to apply for admission to the Teacher Education Program. Students pursuing this option must provide evidence of fulfilling state requirements for the licensure area, fulfill School of Education requirements, take the identified education and content coursework at Newman University, be admitted into the teacher education and internship, and successfully complete all requirements. In exceptional cases where the student has had a full-time teaching contract in an accredited school, the internship may be modified.

Transfer of Professional Courses from Institutions

Professional methods courses are linked directly to our conceptual framework and the aforementioned outcomes. Students are therefore expected to take upper level (beyond 2000 level) methods courses with Newman faculty. In rare cases, if the student can demonstrate through written documentation alignment with the themes included within our framework, an upper level methods course from a four year institution that is KSDE and CAEP accredited may be considered for transfer into the Newman program. Clear connections to the following themes must be evident: education as transformation, the school as a learning community; collaboration with others, ethical decision making, caring relationships, continuous professional improvement through reflective inquiry, and sound teaching grounded in research and effective practices with a focus upon enhancing the learning for ALL students. This requirement is in place for numerous reasons including, for example, the need for our methods faculty to know the teaching expertise of students prior to the internship experience, and for those students to acquire the knowledge, skills, and dispositions related to our conceptual framework. Students are strongly encouraged to examine the School of Education's Advising Handbook as well as consult with faculty regarding the transfer of courses from community colleges.

Under no circumstances will the School of Education accept the transfer of lower level college courses for upper level professional and specialty/content courses.

Longevity of Courses

The School of Education reserves the right to deny transfer credit for courses more than six years old. Requests for appeals to this policy will be submitted to the Admission and Progression Committee of the School of Education for a formal response.

Title II Report

In compliance with Title II, the School of Education is pleased to provide the following chart that describes the performance of our students in the 2013-2014 academic year:

Type of Assessment	Area of Concentration	Newman Pass Rate
Professional Knowledge (PLT)	All program completers	100%
Academic Content Areas	All program completers	93%

For additional information regarding Title II, see www.title2.org or www.ksde.org. The complete institutional report is also available from the office of the Director of the School of Education.

2002 Introduction to Education Through Field Experience (2)

The prospective teacher will be introduced to the daily realities and responsibilities of learning and teaching in a range of classroom settings with diverse student populations and a variety of age levels.

2073 Literature for Children and Adolescents (3)

See ENGL 2073.

2083 Methods for Using Children's Literature in the Elementary Classroom (3)

This course will explore the use of children's literature in an integrated approach to learning in the elementary classroom. The focus will include a study of genre and literary elements to enhance methodology.

2101 Basic Tutor Certification: Subject (1)

Prepares students to serve as peer tutors in the subject area(s) of their expertise, with emphasis on general tutoring strategies and practices. Repeatable for credit with different subject area focus. *Prerequisite: Instructor consent.*

288- Selected Topics in Education

May be repeated for credit with change of topic.

299- Workshop/Seminar in Education

May be repeated for credit with change of topic.

3003 The Exceptional Child (3)

Survey of special education as it relates to terminology, understanding, characteristics and implementation of mainstreaming and the inclusion of exceptional children into the regular classroom. May be completed prior to acceptance in the Teacher Education Program.

3013 Teaching in the Catholic School (3)

This course is designed to prepare the elementary or secondary teacher to teach in a Catholic school setting. Students will study the history and philosophy of Catholic education, the role of the teacher and the parent in the Catholic school, legal issues, values infusion into the classroom curriculum and content and methodology for teaching religion in the Catholic schools.

Prerequisite: Consent of division director or Admission to the Teacher Education Program and EDUC 3123.

3023 Teaching Reading in the Elementary School (3)

A study of current theories and methods for teaching reading in the elementary classroom. Emphasis is placed on providing the student with opportunities to observe and to prepare and present supervised reading lessons in an actual elementary school classroom.

Prerequisite: Admission to the TEP and completion of EDUC 3123.

3101 Intermediate Tutor Certification: Subject (1)

Develops peer tutors' skills in the subject area(s) of their expertise, with emphasis on subject-specific approaches and content. Repeatable for credit with different subject area focus.

Prerequisites: EDUC 2101 and instructor consent.

3113 Foundation and Philosophy of Education (3)

This course is designed to explore the complex paradoxes that make up the reality of formal and informal education. It is interdisciplinary in nature, and explores how the creative spirit—both individual and communal—seeks meaning and motivation in the historical, political, philosophical, and sociological forces that impact teachers, teaching, and schooling in the United States.

3123 Instructional Planning (3)

This course is intended to provide a foundation for effective teaching by presenting elements of student motivation, teaching strategies, interpersonal relations and educational media. Students will work intensively with lesson and unit planning, constructing behavioral objectives, cooperative learning and variety and creativity in teaching.

Prerequisite: Admission to TEP and concurrent enrollment in EDUC 3162.

3133 Educational Psychology: Learning and Evaluation (3)

A study of the principles and educational applications of psycho-social and cognitive development, learning theory and evaluative practices. Emphasis on topics relevant to current educational trends and theories, construction of classroom tests and selection, administration and use of standardized tests. *Prerequisite: Admission to the TEP.*

3152 Middle School Methods (2)

A study of the unique nature of the middle level student and the curricular, methodological and organizational orientation necessary to teach successfully at this level.

Prerequisite: Admission to TEP and completion of EDUC 3123.

3162 Technology in the Classroom (2)

This course is designed to explore the use of technology in the classroom. Students will use a variety of classroom appropriate hardware and software to develop and use technology for the skills and contents they plan to teach. *Prerequisite: Admission to TEP and concurrent enrollment in EDUC 3123.*

3173 Primary Methods/Early Childhood Development (3)

This course will address the pedagogy of teaching preschool through third grade. The focus will be on developmentally appropriate curriculum, planning and management. *Prerequisite: Admission to TEP.*

3222 Methods of Teaching the Fine Arts in the Elementary Classroom (2)

This course prepares future elementary school teachers to appreciate, understand and use materials and techniques appropriate for developing elementary and early childhood student's interest and ability in the areas of art, music, drama and movement. *Prerequisites: Admission to the TEP and completion of EDUC 3123.*

3252 Teaching Social Studies in the Elementary Classroom (2)

A study of methods, materials and activities for teaching content and skills in the social science curriculum appropriate in an elementary school program. Emphasis is placed on providing the student with opportunities to observe and to prepare and present supervised lessons in an actual elementary school classroom. *Prerequisite: EDUC 3123 and Admission to the TEP.*

3273 Methods of Teaching Integrated Language Arts (3)

Examination of methods and curricula for teaching reading and language arts in the elementary school as integrated content. Emphasis on the basic components of reading, listening, writing and speaking as they relate and interrelate with each other. *Prerequisite: Admission to the TEP and completion of EDUC 3123.*

3322 Methods of Teaching Physical Education and Health (2)

This course will prepare future elementary teachers with the knowledge and techniques necessary to integrate physical education and health-related games and activities appropriate to elementary education classrooms. *Prerequisite: EDUC 3123 and Admission to the TEP.*

3343 Teaching Science in the Elementary Classroom (3)

A study of the curricula, methodology, materials and resources available for teaching science in the elementary classroom. Emphasis is placed on providing the student with opportunities to observe and to prepare and present supervised lessons in an actual elementary school classroom. *Prerequisite: EDUC 3123 and Admission to the TEP.*

3363 Reaching and Teaching the Diverse Learner (3)

From a social sciences angle, this course is designed to provide students with an understanding of multiple perspectives in a global society. Students will be provided with disciplined inquiry and critical experiences to be more responsive to the human condition. An emphasis will be placed on the transformation of the students and their attitudes toward diversity, encouraging them to move beyond a tacit acceptance of differences to the recognition of diversity's power and value and search within to examine their own diversity story. Students will examine and challenge their own personal biases, leading them into a deeper understanding of cultural sensitivity and inspiring them to work toward social justice. A companion focus will be on developing multiple modality, culturally aware curriculum experiences by differentiating instruction to create a transformative multicultural learning environment. Students will analyze the issues related to differentiation and apply the methodologies in coursework designed to assist teachers in creating a learning environment that addresses the diversity typical of today's classrooms.

3403 Foundations of Early Childhood/Family/Community (3)

This course provides an overview and an introduction to working with young children (Birth-grade 3), their families and the community through schools, programs and agencies. Emphasis will be placed on learning about environments that promote physically, psychologically safe and healthy learning spaces for general education and exceptional students. Professional Early Childhood standards and characteristics of best practice that are family focused and culturally sensitive will be examined.

3412 Early Childhood Field Experience: Infants/Toddlers (2)

This course is designed to provide Early Childhood majors with an observation and interactive experience. Candidates are placed in an Early Childhood setting for infants and toddlers through age 2. The focus will be on observing development and guidance of individuals and groups. *Concurrent enrollment in EDUC 3413.*

3413 Curriculum, Instruction, & Assessment: Infants & Toddlers (3)

This course provides knowledge, skills and dispositions for candidates in formal and informal assessments, the development of strategies for curriculum that meets unique needs, interests and capabilities of young children and emphasizes collaboration with families, agencies and other professionals. This covers topics such as special education law, intervention strategies and adaptation of Early Childhood curricula for those with special needs (birth through age 2). *Concurrent enrollment in EDUC 3412.*

3423 Special Education Inclusive Strategies (3)

A methods course designed to cover instructional approaches and procedures that offer developmentally appropriate, effective and inclusive early childhood education and intervention for preschool and kindergarten age children. Emphasis will be on interdisciplinary planning and implementation.

3442 Early Childhood Field Experience: Preschool (2)

This course is designed to provide Early Childhood majors with an observation and interactive experience. Candidates are placed in an Early Childhood setting for children ages 3-5 years. The focus will be on observing development and guidance of individuals and groups and reflection on planning and instructional techniques. *Concurrent enrollment in EDUC 3443.*

3443 Curriculum, Instruction, and Assessment: Preschool (3)

This course provides knowledge, skills and dispositions for candidates in formal and informal assessments, the development of strategies for curriculum that meets unique needs, interests and capabilities of young children and emphasizes collaboration with families, agencies and other professionals. This covers topics such as special education law, intervention strategies and adaptation of Early Childhood curricula for those with special needs (ages 3-5 years). *Concurrent enrollment in EDUC 3442*

**3503 Fundamentals of Mathematics 1 for K-6 Teachers:
Number and Operations (3)**

This course provides prospective teachers with an introduction to K-6 math standards and curriculum. In addition, prospective teachers will strengthen their understanding of mathematical content while learning research-informed teaching practices that support student learning of Number and Operations in elementary school. Emphasis is placed on providing the student with opportunities to prepare and present supervised lessons in an actual elementary school classroom. *Co-requisite: EDUC3512.*

3512 Fundamentals of Mathematics 2 for K-6 Teachers: Algebraic Thinking, Geometry, Measurement, and Data (2)

This course is the second of two courses designed to prepare prospective teachers for teaching elementary-level mathematics. Prospective teachers will strengthen their understanding of mathematical content while learning research-informed teaching practices that support student learning of Algebraic Thinking, Geometry, Measurement, and Data in elementary school. Emphasis is placed on providing the student with opportunities to prepare and present supervised lessons in an actual elementary school classroom. *Co-requisite: EDUC 3503.*

399- Workshop/Seminar in Education

May be repeated for credit with change of topic.

4002 Secondary Education Field Experience (2)

This course provides a sequential and incremental 25 hour practicum experience. Observation and microteaching in a secondary classroom are required, as well as evidence of teaching reading skills in a secondary school content area. *Concurrent enrollment in EDUC 4033 is required.*

4013 The Art and Science of Teaching (3)

This course is intended to be a capstone course that surveys and applies the scientific and philosophical foundations of teaching allowing the individual to effectively function as a teacher. Emphasis is placed on classroom management, communication skills, motivation techniques, education foundations and the emergence of a personal philosophy of education.

Prerequisite: Concurrent enrollment in EDUC 4040, 4045, 4055 or 4065.

4023 Specific Methods of Teaching: (Area) (3)

This course provides instruction in specialized methods and resources for each secondary content area. Students, regardless of content, will be introduced to a variety of direct and indirect methods including but not limited to the following: effective questioning, effective lectures, collaboration pairs, collaborative learning groups, game and academic competitions, writing across the content areas, simulations, inquiry or discover-based lessons, and graphic organizers. Students will also review KSDE Standards and Indicators as well as local curricula for content areas. At the conclusion of the class, a reflection seminar involving all secondary education students across disciplines will be held in which students will formally reflect upon their teaching experience in this course.

4032 Reading Skills in Secondary School Content (2)

The purpose of this course is to provide the secondary level content area teachers with the necessary proficiencies and specific strategies enabling them to aid their students in reading and learning from content area textbooks and related materials. *Prerequisite: Concurrent enrollment in EDUC 4033.*

4033 Principles of Secondary Teaching (3)

This course is part of a sequential phase of professional education and is designed to teach historical and contemporary status of secondary education and the purposes of education in a multicultural society. Methods of effective instruction, planning and organization, formal and informal assessment strategies, effective interactions with parents and developing critical thinking skills in secondary students will be the primary points of focus. *Concurrent enrollment in EDUC 4002 is required.*

4035 Teaching Internship: Early Childhood (5)

Eight weeks of observation, participation and directed teaching under the supervision of a cooperating teacher and university faculty in an Early Childhood Setting. Admission to the internship is by approval from the Admissions and Progression Committee for Teacher Education.

Prerequisite: Admission to the TIP.

4040 Teaching Internship: Elementary (10)

Sixteen weeks of observation, participation and directed teaching in an accredited elementary school under the supervision of a cooperating teacher and university faculty. Admission to the internship is by approval from the Admission and Progression Committee for Teacher Education.

Prerequisite: Admission to the TIP.

4045 Teaching Internship: Elementary (5)

Eight weeks of observation, participation and directed teaching in an accredited elementary school under the supervision of a cooperating teacher and college faculty. Admission to the internship is by approval from the Admission and Progression Committee for Teacher Education. (May be repeated for credit if necessary to fulfill degree requirements.) *Prerequisite: Admission to TIP.*

4055 Teaching Internship: Middle Level (5)

Eight weeks of observation, participation and directed teaching in an accredited middle school under the supervision of a cooperating teacher and college faculty. Admission to the internship is by approval from the Admission and Progression Committee for Teacher Education.

Prerequisite: Admission to TIP.

ENGLISH (ENGL)

4065 Teaching Internship: Secondary (5)

Eight weeks of observation, participation and directed teaching in an accredited secondary school under the supervision of a cooperating teacher and college faculty. Admission to the internship is by approval from the Admission and Progression Committee for Teacher Education. (May be repeated for credit if necessary to fulfill degree requirements.) *Prerequisite: Admission to TIP.*

4101 Master Tutor Certification: Subject (1)

Enhances experienced peer tutors' skills in the subject area(s) of their expertise, with emphasis on challenging tutoring situations. Repeatable for credit with different subject area focus. *Prerequisites: EDUC 3101 and instructor consent.*

488- Selected Topics in Education

May be repeated for credit with change of topic.

495- Cooperative Education: Education (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and appropriate Cooperative Education coordinator. May be repeated for credit. *Prerequisite: Admission to the Teacher Education Program or junior standing.*

499- Independent Study in Education

ENGLISH (ENGL)

The field of English encompasses the study of literature, composition, creative writing, and the English language itself. Newman's curriculum is designed to prepare students to write well and read deeply so that they may communicate effectively, act nobly, and enrich the world through language and universal ideas.

0053 Fundamentals of Writing (3)

A course designed to practice college-level writing skills. This course does not meet the general education requirement for College Writing or meet a requirement for the English major or the English minor.

1003 College Writing 1: Introduction to College Writing (3)

Introduction to college-level critical reading and writing processes, including invention, revision, and editing. As students explore and practice strategies for a range of writing experiences, they will work closely with instructors. They will also receive substantial feedback to make purposeful revisions that lead to appropriate examples of written inquiry. *Prerequisite: ENGL 0053 or placement exam.*

1013 College Writing 2: Introduction to College Writing and Research (3)

Builds on ENGL 1003 and includes extensive, sustained research writing. Provides experiences with methods and genres of researched writing. Students will initiate research projects, gather information from a range of appropriate sources, and demonstrate they can summarize, synthesize, document, and argue effectively using that information. *Prerequisite: ENGL 1003.*

2003 Introduction to Literature and Criticism (3)

An introduction to the novel, short story, poetry and drama genres of literature with emphasis on analysis and critical approaches leading to appreciation and enrichment. *Prerequisite: ENGL 1013.*

2063 Introduction to Film (3)

In addition to fostering a greater appreciation for film as art and a communication medium, this course stresses movie history and an understanding of basic cinematic techniques such as editing, lighting, sound and lens selection. In-class viewings familiarize students with the work of innovative directors such as Eisenstein, Ford, Wells, Resnais, Coppola, Griffith and Truffaut. *Prerequisite: ENGL 1013.*

2073 Literature for Children and Adolescents (3)

Introduction to children's literature including the study of authors and illustrators, criteria for selection and evaluation according to the needs, abilities and interests of children from pre-school through middle school. Special attention will be given to literature of different cultural and ethnic groups. *Prerequisite: ENGL 1013.*

2103 Intermediate Writing (3)

This course builds on skills developed in College Writing 1 and 2 and gives students practice in refining their skills for multiple genres and audiences, both disciplinary and professional. Through the process of revision and under the guidance of instructors who offer substantial feedback, students will make purposeful revisions that lead to skillful examples of written inquiry. Style and oral communication are emphasized. *Prerequisite: ENGL 1013.*

288- Selected Topics in English

May be repeated for credit with change of topic.

299- Workshop/Seminar in English

May be repeated for credit with change of topic.

3001 Literary Publications (1)

A course which culminates in the publication of a literary magazine. Students participate at all levels of the process from selections to final layout and editing. *Prerequisites: ENGL 1013, 2003 and computer literacy; PageMaker recommended.*

3003 Creative NonFiction (3)

Students will write literary nonfiction based on actual events, characters, and places. The course will help students to discover engaging subjects and experiences to write about, as well as practice techniques associated with vivid literary nonfiction (dialogue, description, sensory writing, scene, voice, figurative language, apt word choice, and well sculpted sentences).

3013 American Literature 1: Enlightenment – Realism (3)

A study of significant American writers in their milieu from the beginning of American literature to the 20th Century. Special attention is given to the contributions made by women and minority writers to the emergence of a distinctively American literature. Includes such writers as Franklin, Cooper, Thoreau, Bradstreet, Wheatley, Ashbridge, Equiano, Emerson, Hawthorne, Melville, Whitman, Dickinson, James, and Twain. *Prerequisite: ENGL 1013.*

3023 Creative Writing (3)

Students will be guided toward an understanding of their own hearts, which is to say, their drive, their humanness, their desire to communicate what may be essentially incommunicable. They will write, rewrite, and share in the tradition of symbol and pattern making. To this end, they will immerse themselves in the word of worlds. *Prerequisite: ENGL 1013.*

3033 American Literature 2: Modernism – Present (3)

A continuation of ENGL 3013, with special attention given to the contributions of women and minority writers to the development of a culturally diverse, distinctively American literature. Includes such authors as Crane, Faulkner, Fitzgerald, Hemingway, Eliot, O'Connor, Morrison, Dove, Silko, Song, Albee, and Wilson. *Prerequisite: ENGL 1013.*

3043 Short Story (3)

The history and development of the short story noting plot, character, tone, theme, imagery, and point of view as they operate in a variety of short fictional works from a variety of cultures. *Prerequisite: ENGL 1013 and 2003.*

3053 Poetry (3)

A study of poetry from diverse cultural context and historical periods. Students will learn forms and techniques and practice them in their own writing. *Prerequisite: ENGL 1013 and 2003.*

3063 World Literature 1: Ancient World – Renaissance (3)

A survey of the Western and Non-Western world's great literature and traditions from ancient times through the Renaissance, including such works as Gilgamesh, the Odyssey, Sappho's lyrics, the Analects, the Bhagavad-Gita, the Aeneid, the Old and New Testaments, the Koran, the Inferno, the Popul Vuh and Don Quixote.

3073 History and Structures of Language (3) Elements of Language (3)

Students will examine the building blocks of language, from the micro level of the morpheme through larger structures of the word, phrase, clause, and sentence as a way to understand how language functions as a system into more deeply develop flexible command of a variety of oral and written styles. *Prerequisite: ENGL 1013.*

3083 Advanced Composition (3)

Writing with Community Partners (3)

An intensive course for the advanced student in non-fiction writing that focuses on diction, clarity, referencing, conciseness and style of expository writing. *Prerequisite: ENGL 1013, 2003 and junior standing.* This course involves community service, sustained fieldwork, research, writing, and design. Students will practice writing as a tool for public awareness and expression as well as community building between higher education and local communities.

3093 Business and Professional Writing (3)

This course will reinforce skills learned in the two required college writing classes, while heightening writing skills as utilized in individual professions or disciplines. It focuses on the writing and editing of documents, reports, inter- and intra-group communication, appropriate writing conventions and research techniques. Whenever possible, class exercises and assignments will derive from the discipline, major, profession, field or work environment of the students. Special emphasis will be placed on expressing ideas with accuracy, clarity and purpose. *Prerequisites: ENGL 1013 and 2003 and COMM 1013 or COMM 1033.*

3103 Literature in Business (3)

This course explores the intrinsic relationship between business concepts and classic works of literature. The works of Chaucer, Shakespeare, T.S. Eliot, Sinclair Lewis, and other writers will be studied, with an emphasis on how business management, economics, ethics and social responsibility are reflected in literature from ancient times to the present. The course also examines the works of writers who are/were primarily employed as business people but also create fiction. *Prerequisite: ENGL 1013 and 2003.*

3163 World Literature 2: Enlightenment – Present (3)

A survey of the Western and Non-Western world's great literature and traditions from the Enlightenment through the Present, including works by authors such as Basho, Voltaire, Goethe, Baudelaire, Dostoevsky, Proust, Kafka, Akhmatova, Rushdie, Mahfouz, Gordimer, Soyinka, Mistral, Marquez and Walcott.

3203 Dramatic Literature (3)

See *THTR 3203*.

399- Workshop/Seminar in English

May be repeated for credit with change of topic.

4013 British Literature 1: Medieval – Enlightenment (3)

A survey of English poetry and prose, from the medieval through the Enlightenment periods. Course includes readings such as Beowulf, Sir Gawain and the Green Knight, Canterbury Tales, Everyman, The Book of Margery Kempe, sonnets by Wyatt and Sidney, Dr. Faustus, selected poems by John Donne, Paradise Lost, and The Rape of the Lock, Gulliver's Travels, and selections from Johnson. *Prerequisite: ENGL 1013.*

4023 Aesthetics (3)

See *PHIL 4023*.

4053 British Literature 2: Romanticism – Present (3)

A survey of English literature, beginning with Romantics, moving through the Victorian era and concluding with significant works of contemporary British writers. Course includes readings of such writers as Blake, Wordsworth, Wollstonecraft, Keats, Charlotte Bronte, Tennyson, Dickens, Hardy, Yeats, Woolf and Joyce. *Prerequisite: ENGL 1013.*

4063 Shakespeare (3)

An intensive study of selected works of Shakespeare including tragedies, comedies and history plays together with some consideration of major Shakespeare critics and scholars.

Prerequisite: ENGL 1003, 1013, 2003 and junior standing

4701 English Senior Seminar (1)

This capstone class for the English major provides the opportunity for students to evaluate the program and their performance in it. To this end, students will attend semester meetings with the English faculty. Based on notes from these meetings, they will write a reflective paper on their program of study. In addition, they will select representative projects created for each of the required English courses and discuss each, in writing, in terms of how the paper or project contributed to the student's development in the discipline. Students will bind these papers and projects (or project descriptions) along with the analysis of each and present the manuscript to their faculty advisor at the time they apply for graduation.

488- Selected Topics in English

May be repeated for credit with change of topic.

495- Cooperative Education: English (1–3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: At least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in English

FINE ARTS (FAR)

288- Selected Topics in Fine Arts

May be repeated for credit with change of topic.

299- Workshop/Seminar in Fine Arts

May be repeated for credit with change of topic.

3063 Arts of the Renaissance (3)

Interdepartmental course presenting an aesthetic analysis of three arts of the Renaissance.

The course emphasizes style in three arts such as music, drama, dance, art, architecture or poetry.

399- Workshop/Seminar in Fine Arts

May be repeated for credit with change of topic.

488- Selected Topics in Fine Arts

May be repeated for credit with change of topic.

499- Independent Study in Fine Arts

GENERAL STUDIES (GNST)

These practical resource courses are designed to encourage personal growth through innovative teaching and creative approaches to learning and decision-making.

0001 Essentials of Arithmetic (1)

This course is offered for students who need a structured review of essential math skills of fractions, decimals, ratios, percents, and order of operations. The objective of this course is to prepare students to continue with the next course, Essentials of Pre-Algebra. It will be graded on a Pass/Fail basis and will not count for graduation. *Prerequisite: Math Placement Exam.*

0011 Essentials of Pre-Algebra (1)

This course begins with a quick review of fractions and decimals. The course continues with a structured study of exponents, signed numbers, perimeter and area, and introductory algebra techniques involving the distributive property, evaluating algebraic expressions and solving basic linear equations. The objective of this course is to prepare students to take the math placement retest exam in order to enter Basic Algebra. It will be graded on a Pass/Fail basis only and will not count for graduation. *Prerequisite: Math Placement Exam.*

0023 Essentials of Reading and Writing (3)

Provides a foundation for college-level reading and writing with emphasis on building vocabulary and reading comprehension, developing a process for composing focused paragraphs and thesis-driven essays, and enhancing skills for self-editing. Does not count for graduation.

Prerequisite: Writing Placement Exam.

1001 Traditions and Transitions (1)

This course is designed for traditional freshmen during their first year at Newman University. The objective of the course is to assist students in the transition of adjustment to university life. It provides ways for students to learn of the traditions and history of Newman University and begins the process of scholarly inquiry and discussion. Students will gather critical information about majors and careers through a variety of resources. The class offers opportunities to grow the spirit of service by engaging in service projects and assists students in recognizing and obtaining personal and academic goals.

1002 Achieving College Success (2)

This course is designed to increase students' success in college by assisting them in obtaining the skills necessary to reach their educational and personal goals. Topics include time management, test-taking, and study and communication skills as well as an examination of the meaning of a liberal arts education.

1043 Advanced English for Academic Purposes (EAP)**Reading and Writing (3)**

This course helps non-native speakers of English prepare for college success by refining English language skills in reading and writing, with special attention to the use of these skills in the American academic setting. *Prerequisite: TOEFL and/or English Language Placement Test.*

1053 Advanced English for Academic Purposes (EAP)**Listening and Speaking (3)**

This course helps non-native speakers of English prepare for college success by refining English language skills in listening, speaking, and pronunciation, with special attention to the use of these skills in the American academic setting. *Prerequisite: TOEFL and/or English Language Placement Test.*

2001 College Research Literacy (1)

This course provides an introduction to research literacy that will provide a strong foundation for all students. Students will focus on the ability to critically assess and use information, learning to access, evaluate, and use printed and electronic resources found in libraries and on the internet. Students will be introduced to techniques that will enable them to develop research strategies, to evaluate and use information resources in an appropriate manner, and to properly cite sources.

288- Selected Topics in General Studies

May be repeated for credit with change of topic.

299- Workshop/Seminar in General Studies

May be repeated for credit with change of topic.

399- Workshop/Seminar in General Studies

May be repeated for credit with change of topic.

488- Selected Topics in General Studies

May be repeated for credit with change of topic.

HEALTH SCIENCE (HLSC)

Before enrolling in a course which has a prerequisite course listed, the student must have earned a grade of “C” or better in the prerequisite course.

3103 Current Issues in the Healthcare Environment (3)

This course is designed to provide students with an understanding of current issues impacting today’s health care environments. These include legal, ethical, consumerism, regulatory compliance, safety initiatives, managed care, and technological/informatics growth. (*FALL*).

399- Workshop/Seminar in Health Science

May be repeated for credit with change of topic.

4705 Practicum in Healthcare Science (5)

This course provides advanced clinical experience within the student’s area of expertise. The student will complete a project as one requirement for the practicum utilizing the selected area of concentration. *Prerequisite: HLSC 3103 and completion of the area of concentration.*

488- Selected Topics in Health Science

May be repeated for credit with change of topic.

499- Independent Study in Health Science

HISTORY (HIST)

History, the humanistic interpretative study of past human society, has as its purpose providing students with a course of study designed to assist them in integrating the past of human society with the present in the hope of influencing a more favorable future. History is seen as a synthesizing core preparing for numerous career options such as law, civil service, museum work, ministry, communications, teaching, research work for corporations and organizations.

1003 Reacting to the Past (3)

Examination of history through extended role-playing games. Students will engage great texts or great issues in history through deep immersion in specific historical moments. Course will utilize games from or modeled on the Reacting to the Past series. Games vary depending on semester.

1013 World Civilization 1 (3)

A survey of world civilizations from the earliest hominids to 1600 focusing on the development of political, social, cultural, religious, economic, and military life in a global and comparative context (*FALL/SPRING*).

1023 World Civilization 2 (3)

A survey of world civilizations from 1600 to the present focusing on the development of political, social, cultural, religious, economic, and military life in a global and comparative context. (*FALL/SPRING*).

1033 American History 1 (3)

A study of American civilization from its origin through the Civil War approached from an intellectual, artistic, political, economic, and social standpoint within a world setting. (*FALL*).

1043 American History 2 (3)

A study of American civilization from the Civil War to the present approached from an intellectual, artistic, political, economic, and social standpoint within a world setting. (*SPRING*).

288- Selected Topics in History

May be repeated for credit with change of topic.

299- Workshop/Seminar in History

May be repeated for credit with change of topic.

3023 Colonial and Revolutionary America (3)

Advanced study of the origins of America, the motivations for both the exploration and the settlement of the British North American colonies, and the reasons behind the ultimate break with Britain. The class will focus extensively on the interplay of ethnic groups (i.e. Native American, African, English, Scot-Irish, etc.), the social, economic, religious, political, and military history of the various colonies, the colonial growth away from Great Britain, the Revolution and the setting up of the new method of government.

3033 Civil War and Reconstruction (3)

Advanced study of the causes, course, and consequences of the American Civil War (1861–1865). The course begins with the opening of the question of slavery in the territories at the conclusion of the Mexican War (1848), covers the military, political, and social aspects of the war, and ends with the conclusion of Reconstruction in 1877.

3043 Turn of the Century America (3)

Advanced study of the United States from the end of the Civil War until America's entry into World War I (1865–1917). Topics will include the age of industrialization and the rise of labor unions, immigration and urbanization, the Progressivism of Theodore Roosevelt and Woodrow Wilson, and America's resistance to entering World War I.

3053 World Wars and Depression (3)

Advanced study of American history from the beginning of World War I (1914) until the end of World War II (1945). In many ways World War II was just a continuation of World War I. This class will study the motives behind America's entry into the First World War, President Wilson's efforts to a lasting peace, the failures of Versailles, and the ultimate necessity to fight a second world war. In the midst of these wars the class will examine the prosperity and problems of the 1920s, the economic crash of 1929, and the Great Depression.

3073 Kansas and Great Plains History (3)

The social, economic, and political history of the Great Plains from before European exploration until present times. Topics will include the Native American societies on the plains before European exploration and the effect of white settlement upon them, lifestyles of the early plains settlers, Kansas' role in bringing about the Civil War, farm and cattle society on the plains following the war, the Populist movement and the boom and bust farm economy of the late 19th and early 20th centuries, the dust bowl, and the war-time and post-war economic diversification of the region.

3083 History of Political Thought (3)

The development of political thought from Plato to the present.

3103 Ancient World: Heroes and Legends (3)

Heroes and Legends deals with ancient civilizations of Africa and Asia. This course aims to explore the historical context of common themes in ancient societies regarding the nature of civilization, sources of political power, religion and philosophy and interaction between Eastern and Western antiquity. We will read those texts associated with such individuals and heroes as Gilgamesh, Akhenaton, Joseph and Moses, as well as Manu of India and Sun Tzu of China. We will compare various texts related to stories of creation, floods, great battles and great dynasties. Students will conduct independent research, employing both primary and secondary resources.

3133 Medieval Europe (3)

This course challenges students to deal with the emergence and development of Europe as a civilization from the 5th to the 14th centuries A.D. We will thus deal with the decline of Rome as a world empire, while examining the rise of Christianity and Islam as major world religions. By studying both primary and secondary texts, students will examine the rise of monasticism and the Gothic Cathedral, the beginnings of capitalism and the university, the course of the Crusades. Finally, students will read from among the earliest of European Literary historical texts including Beowulf, Einhard, Dante and Chaucer.

3143 Renaissance and Reformation (3)

A study of the major religious, cultural, and political developments in Europe from 1300 to 1648. Raphael, Machiavelli, Charles V, Luther, and the Medici's are some of the figures examined during this era which featured great intellectual accomplishments as well as challenges to the existing order.

3153 Absolutism and Enlightenment (3)

An examination of Europe's political, social, intellectual, and economic development from 1648 to 1789. Events such as the Glorious Revolution and the Seven Years' War are studied in addition to figures such as Frederick the Great, Louis XIV, and Maria Theresa.

3203 Latin America Since 1750 (3)

A survey of the major Latin American states from their struggle for independence to the present. Attention is paid to the difficulties of state-building, dependency, and economic inequity. Figures such as Juarez, Peron, and Bolivar are examined.

3243 History of East Asia, 1600 – Present (3)

A comparative survey of Japan and China from the 1600s to the present. This course will concentrate on political, economic and social developments in China and Japan. Attention will be given to the interactions between these countries and their relationship with the "west".

3283 The Historical Method: A Study of History as a Discipline (3)

This course introduces students to the various methods of history and historical research, including biography as history, national history, universal history, oral history and public history, among others. Students will be introduced to the philosophy of history and historiography. Students will conduct independent research, engaging in a variety of research methods including the uses and abuses of electronic searches. (*SPRING*)

3473 Europe's Cold War and After (3)

A detailed study of Europe's resurgence from its nadir in 1945 to present focusing on both Eastern and Western Europe and the challenges of the bi-polar world. Major themes include the establishment of the Soviet bloc, economic recovery, secularism, technology, European unity and disunity, de-colonization, and the challenges of the post-Cold War world.

3623 Jeffersonian and Jacksonian America (3)

Advanced study of the early years of America as an independent country. The course will begin at the end of Washington's first term and study the development of a two-party system, the westward expansion of America, the effect of the frontier on American life, foreign policy (particularly Europe but ultimately wars with both Britain and Mexico), the beginnings of the industrial revolution, America's push towards reform in the early 19th century, Native American policy and relations, and slavery and the country's drift towards civil war. The class covers the years 1796 to 1848.

3653 America Since World War II (3)

Advanced study of America between the dropping of the atom bomb (1945) and the defeat of Iraq in the Gulf War (1991). Topics will include the rise and fall of the Cold War, the baby boom, the Civil Rights movement (and all of the spin-off rights movements including women's, handicapped, students, etc.), Vietnam and the sixties counter-culture, Watergate, and America's retreat from world domination.

399- Workshop/Seminar in History

May be repeated for credit with change of topic.

4033 American Foreign Relations (3)

A history of America's diplomatic relations with other nations, emphasizing such policies as neutrality, arbitration, Monroe Doctrine, political isolation, Open Door, intervention, Pan-Americanism, and the Cold War.

4053 Twentieth Century American Politics (3)

A study of the changes in political thought, issues, and campaigns from 1896 (the beginning of the modern age in American politics and political alignments) to 1996. After evaluating the basics of the American political system the class will trace the changes in the perceptions of liberalism and conservatism throughout the 20th century while at the same time focusing on specific issues dominating politics and the political agenda. Along with issues the class will also look at the changes in political power, nominating processes, strategies for winning elections, and electoral coalitions.

4103 Ancient and Medieval Warfare (3)

This course examines the role of warfare in society from antiquity to 1415. Special emphasis will be placed on the problems of evidence, the role of technology and tactics in warfare as well as the political importance of warfare in empire building in Egypt, Assyria, Persia, Greece and Rome. Further, we will focus upon those political, economic and social processes influenced by warfare in society as demonstrated in literature, drama and art.

4133 European Military History Since 1415 (3)

An examination of European military history from Agincourt to present. Technological advancements such as the development of hand-held firearms, artillery, and aircraft as well as tactical and strategic innovations from Gustavus Adolphus, Frederick the Great, the Duke of Marlborough, Napoleon, Clausewitz, Hindenburg, and Montgomery form the course's foundation. Likewise, the changing role and make-up of armies will receive careful study.

4163 History of American Warfare (3)

A study of the methods and motivations behind the French-Indian War, Revolutionary War, War of 1812, Mexican War, Civil War, Indian Wars, Spanish-American War, WWI, WWII, Korean War, Vietnam War, and the Gulf War. In addition to studying the causes of the wars, the armaments and strategies of the war, and the conditions and mindset of the soldiers during the war, the class will also consider America's long-standing love/hate relationship with the military and its warriors.

4213 History and Culture of the Middle East (3)

A survey of the history and culture of the Middle East from the antiquity to the present. The course will examine Egypt, Israel, Palestine, Iran, Iraq and Syria, among other countries. The course will focus on identity as the unifying theme, especially as demonstrated in cultural expressions such as literature. Other themes include the importance of geography, the rise of monotheism, the development of territorial and imperial states, Zionism and the after effects of decolonization.

4413 Europe in the Age of Revolutions: 1789-1848 (3)

A study of the age of political, economic and cultural revolutions that shaped modern Europe. Primary attention will be paid to western and central Europe.

4433 Europe in its Global Context (3)

A detailed study of the golden age of nationalism and empire building beginning with the Revolutions of 1848 and culminating with the Boer War. The course examines the political, social, cultural, diplomatic, and military ramifications of empires paying particular attention to the collision of cultures.

4453 Age of the World Wars, 1898–1945 (3)

A detailed examination of the causes, events, and results of the two world wars and the period between them using military, political, social, technological, and cultural perspectives. Germany's emergence as a world power and the consequential destabilization of Europe which culminated with the continent's suicide serves as the foundation for the course.

4463 History of Modern Germany (3)

A survey of German history from 1815 to the present. Along with surveying the political, economic and social history of Germany, the class will pay particular attention to the question of what Germany is, who Germans were, and how Germans have understood their role in the world.

4483 History of Russia and the Soviet Union (3)

An examination of Russian history from 1815 to the present, with some attention to the Russia of Peter and Catherine the Great. Main themes include the reforms of Peter the Great, the nature of Tsarist society and the lived experience in that society. Additional topics include nineteenth-century reforms and radical movements, the revolutions of 1905 and 1917, the rise and decline of the Soviet Communist system, and the interactions between Russia/the Soviet Union and other countries and peoples.

4523 Rome: From Republic to Empire (3)

In this course students will explore the history of Rome from the foundation of the city through the era of the Julio-Claudians. As such students will be asked to deal with both primary and secondary resources in an effort to trace the political, military, social and economic developments that transformed Rome from a republic to an empire. To that end, we will discuss the great personalities of the age and the significant crises faced by Rome in the course of her history.

4553 Ancient Greece: From Homer to Alexander (3)

This course examines the history of Greece from the age of Homer to the world of Alexander the Great. Topics under study include the Mycenaeans, the development of political forms such as democracy, and the Classical age of Athens and Sparta. We will also explore the art, philosophy and drama of the 5th century. The course concludes with the rise of Macedonia and the legacy of the Hellenistic Era for the Mediterranean.

4603 Genocide in the Modern World (3)

An interdisciplinary examination of genocide in the world from ca. 1900 to the present. Topics covered include issues of international intervention in genocide, massive violations of human rights, and attempts to bring justice and reconciliation to societies that experienced genocide.

4783 Senior Seminar (3)

An intensive research and writing capstone course required of each history major. Working closely with the professor and in a field of their specialty, students will select a topic and produce a term paper based on original research. The course emphasizes scholarly writing, historiography, research methods, and textual analysis. Additionally, students will prepare a professional dossier suited to their career and/or graduate study ambitions. *Prerequisite: Senior Standing (SPRING)*

488- Selected Topics in History

May be repeated for credit with change of topic: History of American Immigration; The American West; The American Indian; History of England; Kings, Queens, Dynasties and Empires; History of the Idea of Progress/Decline of Man; Europe in Revolt.

495- Cooperative Education: History (1–3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in History**HONORS PROGRAM (HNRS)**

The Honors Program at Newman University is designed to help high-achieving students meet their full academic potential through a variety of enhanced educational and co-curricular opportunities. The program challenges students both inside and outside the classroom to stimulate their intellectual growth and become part of a community that values and enjoys academic pursuits. It also allows each student to pursue his or her own interests within an atmosphere that encourages participants to transform society.

1103 Freshman Honors Seminar (3)

This interdisciplinary course, ordinarily team taught, will look at human nature and what it means to be human from a variety of perspectives. This course will ordinarily be taken during the honors student's first semester at Newman. It will serve explicitly to teach a set of content/thinking skills, and implicitly to further a sense of community among the students and to communicate to incoming honors students the expectations involved in honors work at the university level. Specific readings and approaches vary by semester. *Prerequisite: Acceptance into the honors program.*

288- Selected Topics in Honors

May be repeated for credit with change of topic.

299- Workshop/Seminar in Honors

May be repeated for credit with change of topic.

399- Workshop/Seminar in Honors

May be repeated for credit with change of topic.

HUMANITIES (HUM)

4203 Senior Honors Thesis (3)

Year-long independent research project. Student will select a major advisor and two additional readers (one of whom must be a member of the honors council), who will read drafts of the project and conduct an oral examination of the student at the completion of the second semester of the project. Research proposals must be submitted to the Director of the Honors Program for approval before beginning research. Research projects will be presented orally to members of the Newman community. *Must be taken in two consecutive semesters for a total of 6 credit hours. Prerequisite: Junior standing and membership in the honors program.*

488- Selected Topics in Honors

May be repeated for credit with change of topic.

499- Independent Study in Honors

May be repeated for credit with change of topic.

HUMANITIES (HUM)

These interdisciplinary courses are designed by disciplines in the Humanities to show the integration of knowledge.

2004 Introduction to Humanities (4)

This course is designed to enrich the lives of students through their participation in and exposure to literature, music, visual arts and theatre arts. The course will demonstrate how the integrated arts influence the lives of both individuals and society at large. *Prerequisites: ENGL 1003 and HIST 1013 or HIST 1023.*

288- Selected Topics in Humanities

May be repeated for credit with change of topic.

299- Workshop/Seminar in Humanities

May be repeated for credit with change of topic.

3001 Service and Volunteerism (1)

An introductory course to service learning, which increases appreciation of the value of service in global society. Students will be exposed to a variety of multicultural human service organizations in the greater civic and religious community. *Required of all first year ASC Community Leaders' scholarship recipients.*

3013 Italy Study Abroad (3)

Conducted on site in Viterbo, Rome, Florence, and Pompeii, this course aims to introduce students to the art, history, literature and thought of Italy, with possible emphasis on Ancient Rome and the Italian Renaissance. Students will conduct independent research, engage in readings and discussion of original sources in translation. Under the instruction of Newman University faculty, students will also visit major museums, cathedrals and archaeological sites for an introduction to Italian art and architecture. *Prerequisites: ENGL 1013, HIST 1013, prior credit or concurrent enrollment in Italian Language Course, and Instructor Consent. Enrollment in HUMS/INSP 3013 is required of all participants in the Viterbo Program. Students are responsible for all travel costs.*

3021 Civic Responsibility (1)

This course examines the obligations of all citizens for service participation by linking values and actions. Students will have the opportunity to gain skills through participation in service organizations. *Required of all second year ASC Community Leaders' scholarship recipients.*

3103 Interdisciplinary Studies Seminar (3)

This course is designed as a reintroduction to higher education and a refresher on college skills for students who have earned significant college credit but may have been out of school for some time. Additionally, the course serves as a general survey of important questions, concerns, and research methods across the disciplines. This seminar should be taken by students pursuing the Interdisciplinary Studies major or other adult degree-completion programs at the undergraduate level.

399- Workshop/Seminar in Humanities

May be repeated for credit with change of topic.

4031 Service for Life (1)

This course assists students in developing awareness of their personal leadership strengths, and provides an understanding of the link between belief and action. Students will develop and apply principles of service learning in a chosen service situation. *Required of all third year ASC Community Leaders' scholarship recipients.*

4041 Service and Stewardship (1)

This capstone course for the service learning program assists the students in synthesizing their knowledge with experience. Using this perspective, students will design and carry out a final service project in the greater civic community. They will also serve as mentors for the first year students. *Required of all fourth year ASC Community Leaders' scholarship recipients.*

4063 Interdisciplinary Project (3)

An independent studies course to draw together the disciplines in a student's liberal studies major. A major project or paper will demonstrate a synthesis of the interdisciplinary experience. The project will be directed by a committee consisting of the student's advisor along with two faculty members, one each from disciplines of the student's interdisciplinary choices. The project will include an oral defense/examination by the committee.

4801 Service Option (1)

This course offers students an opportunity to serve others while integrating their experience into traditional course work. A student may register for this course in conjunction with any course of two or more credit hours in the discipline and will be evaluated on a pass/fail basis. *Prerequisite: Instructor consent and consent of the service-learning coordinator. May be cross-listed with other departments.*

488- Selected Topics in Humanities

May be repeated for credit with change of topic.

INTERNATIONAL STUDY PROGRAM (INSP)

Students are encouraged to participate in overseas study and exchange programs, which contribute to individual and intercultural development. Newman University offers study abroad opportunities in Europe, Great Britain, Ireland and Latin America. The following is a list of study abroad opportunities:

ENGLAND ABROAD—Explore the history and culture of Britain during a three-week stay in England (*LATE SPRING*).

EUROPE BY RAIL—Combine a study of European cultures and history visiting several European countries over the course of a three-week trip.

LATIN AMERICA—Explore the history, language, and culture of Latin America during travel to various countries in Latin America. (*SUMMER*)

MANAGEMENT INFORMATION SYSTEMS (MIS)

NEWMAN UNIVERSITY COLLEGE BIRMINGHAM—Newman University students may engage in a semester exchange with Newman University College Birmingham in England. (*NUC Birmingham is an independent institution separate from Newman University in Wichita.*)

1203 Human Geography (3)

The study of the spatial organizations of the Earth's surface and the relationships among people, places, and physical and human environments.

288- Selected Topics in International Study Program

May be repeated for credit with change of topic.

3003 England Study Abroad (3)

See HUM 3003.

3013 Italy Study Abroad (3)

See HUM 3013.

488- Selected Topics in International Study Program

May be repeated for credit with change of topic.

495- Cooperative Education: International Studies (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

MANAGEMENT INFORMATION SYSTEMS (MIS)

2113 Introduction to Management Information Systems (3)

This course includes the overall focus of management information systems concepts, decision making, and adapts to ever-evolving technology. Topics include: Information system components, valuing information systems, information systems infrastructure, Relational Database Management Systems (RDBMS), Cloud Computing Visualization, Internet, security of information systems, business intelligence, enterprise-wide information systems, and development and acquisition.

2213 Programming 1 (3)

An introduction to the principles and best practices of computer programming, including variables, data types, methods, loops, arrays, string manipulation, classes and object oriented programming.

3023 Database Design and SQL (3)

An introduction to relational database design and Structured Query Language, including the entity relationship model and normalization. In addition, students will be introduced to current trends in data warehousing, NoSQL databases, and cloud computing.

3053 ERP & Web Applications (3)

This course provides an overview of enterprise systems and web applications, and introduces learners to how enterprise systems are used to effectively manage a human capital management (HCM), supply chain management (SCM) business process from beginning to end in an integrated, consistent, and highly efficient manner. In addition, how to add enhancements and customizations to meeting the business requirements.

3323 Cloud Computing and Virtualization (3)

This course introduces virtualization technologies and secure cloud computing. Students will become familiar with the underlying principles of virtualization as well as “Cloud Computing” based services

4033 Information Security (3)

A study of recent and current trends in information security, including an overview of the history of threats to information security and a grounding in the principles and best practices of developing and maintaining a more secure information infrastructure.

4123 Programming 2 (3)

Further study and competency development in advanced principles and best practices of computer programming. Includes an overview of current trends in programming and an introduction to key features of leading languages and frameworks. *Prerequisite: MIS 3023.*

4211 Information Systems Lab Experience (1)

A guided and individualized lab experience, enabling students to develop and deepen their knowledge and skills in key information system technologies. (1 credit, may be repeated for up to 3 credits).

4413 Systems Analysis and Design (3)

Systems Analysis and Design is a practical and visually appealing approach to information systems development using SDLC and Agile methodologies. This course will enable the student to translate business requirements into an information system designs supporting the mission, vision and values of a company. The course aims to instruct students to become analytical and gain practical experience in problem-solving, system design and critical thinking. The student will increase knowledge and understanding through weekly readings, hands-on cases, and assignments.

MIS 4423 Information Systems Project Management (3)

This course provides the foundation for understanding the broad concepts of successful information system planning, implementation, and maintenance within a business environment. Topics covered include team building, conflict management, project scoping, estimating, scheduling, budgeting, tracking, and controlling. The course covers the uses of project management tools which students are likely to encounter in their business careers.

4703 MIS Capstone Project (3)

A senior project and/or thesis planned and developed under the guidance of the course instructor/mentor. *Prerequisite: Senior standing or advisor and instructor approval.*

MATHEMATICS (MATH)

When students look at their world, they see “a very high degree of unexpectedness, combined with inevitability and economy” (G.H. Hardy). These are the aspects of reality studied in mathematics. As a science, mathematics strives for preciseness and, consequently, for economy. It aims to systematize the inevitable and to predict the unexpected. Through such a study, students are prepared for careers involving predictions, computation, or investigation of repeated patterns.

Before enrolling in a course which has a prerequisite course listed, the student must have earned a grade of “C” or better in the prerequisite course.

0033 Basic Algebra (3)

This course serves to introduce and review algebra. Topics include: integers, equations, exponents, factoring and graphing. *Prerequisite: math placement. (FALL/SPRING)*

1023 Fundamentals of Geometry (3)

This is a study of plane geometry and geometric reasoning: inductive and deductive. Topics include: Geometry in art, describing sequences of patterns, writing clear definitions, compass and mira constructions, angles, triangles, congruence, similarity, polygons, circles, plane transformations, area, volume, logic and proofs.

1033 Intermediate Algebra (3)

A study of linear and quadratic equations, radicals, rational expressions, special factoring, and graphing equations. Special emphasis will be given to problem-solving skills and applications of algebra. *Prerequisite: MATH 0033 or one year high school algebra and math placement. (FALL/SPRING)*

1042 Supplemental College Algebra (2)

The purpose of this course is to provide academic support for students enrolled in MATH 1043 College Algebra and it must be taken concurrently with a designated section of College Algebra. These courses are required for those students whose math placement exceeds Intermediate Algebra, but does not meet the prerequisite level for College Algebra or for students who received a grade of “C” in Intermediate Algebra. Other students may choose to take Supplemental College Algebra along with College Algebra (e.g., if the prerequisite for College Algebra has been met but there is a lapse in time since participation in a mathematics course). Supplemental College Algebra will provide students with the opportunity to review foundational algebra concepts, to deepen their understanding of current College Algebra topics, and to develop productive problem-solving strategies for studying College Algebra content. This course will be graded on a Pass/Fail basis. *Prerequisite: MATH 1033 or two years of high school algebra and math placement. Co-requisite: designated section of MATH 1043.*

1043 College Algebra (3)

Includes the study of polynomial and non-polynomial functions. The functions are explored by way of numeric, graphical and algebraic techniques using technology as well as traditional methods. Applications of algebra to many fields are included. *Prerequisite: A grade of B or above in MATH 1033 or two years of high school algebra and math placement. (FALL/SPRING)*

1053 Trigonometry (3)

Study of the trigonometric functions based on the unit circle and radian measure, identities, solution of triangles, inverse trigonometric functions and complex numbers.
Prerequisite: MATH 1043 or three years high school algebra and math placement. (SPRING)

1133 Mathematics for the Liberal Arts (3)

This course is intended for the liberal arts or education major. It offers a variety of mathematical topics with particular applications to the humanities. Topics may include, but are not limited to, introduction to sets, logic, number theory, geometry, modeling, probability, and statistics. Emphasis will be placed on problem-solving, reasoning, and communication.
Prerequisite: MATH 1033 or two years of high school algebra and math placement.

2015 Calculus 1 (5)

Study of limits, continuity, differential and integral calculus of the elementary functions. Students should have strong prerequisite skills in both algebra and trigonometry.
Prerequisite: MATH 1053 or trigonometry and three years of high school algebra and math placement. (FALL)

2023 Business Calculus (3)

A study of differential and integral calculus with applications, as well as selected other business applications. Topics include the study of limits, differentiation techniques and the applications of derivatives, integration techniques and applications, and linear programming.
Prerequisite: MATH 1043 or three years of high school algebra and math placement.

2025 Calculus 2 (5)

Continuation of MATH 2015. Techniques of one-variable calculus, sequences, series, and techniques of integration. *Prerequisite: MATH 2015. (SPRING)*

2033 Probability and Statistics 1 (3)

Study of descriptive statistics, combinatorics, probability, distributions, and inferential statistics. *Prerequisite: MATH 1043 or three years of high school algebra and math placement. (FALL/SPRING)*

2043 Probability and Statistics 2 (3)

Continuation of MATH 2033. It includes a review of basic probability concepts and topics on distribution theory, estimation, two-sample inferences, ANOVA, nonparametric statistics and goodness of fit tests. *Prerequisite: MATH 2033.*

288- Selected Topics in Mathematics

May be repeated for credit with change of topic.

299- Workshop/Seminar in Mathematics

May be repeated for credit with change of topic.

3003 Abstract Algebra (3)

An introduction to the topics of abstract algebra. The main focus is on groups: cyclic groups, symmetric groups, cosets, quotient groups, and mappings. *Prerequisite: MATH 3103.*

3013 Calculus 3 (3)

Study of multivariable calculus, vectors, real-valued functions of several variables, multiple integration, proofs of important theorems, and partial derivatives. *Prerequisite: MATH 2025. (FALL)*

3023 Linear Algebra (3)

Study of vector spaces, linear transformations, matrices, determinants, systems of linear equations, and linear models. *Prerequisite: MATH 3103 or consent.*

3033 Differential Equations (3)

The study of both traditional and modern techniques for solving differential equations. Other topics include: Laplace transforms, power series solutions and applications of differential equations to physical science. *Prerequisite: MATH 2025.*

3053 Statistical Modeling (3)

This course is an introduction to the topics of regression analysis and analysis of variance with applications to the type of problems encountered in real-world situations. Topics include basic theory, simple linear regression, model building and evaluation, and analysis of variance. *Prerequisites: MATH 2015 or MATH 2023, MATH 2033, and MATH 2043*

3063 Numerical Analysis (3)

This course examines basic techniques in the calculation of numerical solutions to mathematical problems arising in a variety of fields. Topics include root finding, interpolation, approximation of functions, differentiation, integration, algorithm accuracy and stability, and error analysis of variance. *Prerequisites: MATH 2025 and 3023 and IT 2033 or Consent.*

3073 History of Mathematics (3)

This course will survey major mathematical developments throughout history. Potential topics include the investigation of classical problems in geometry, number systems, number theory, algebra, trigonometry, analytic geometry, probability and calculus. *Prerequisite: MATH 3103.*

3103 Discrete Mathematics (3)

This course is designed to prepare the student for study in mathematics beyond the traditional calculus sequence. Topics can include but are not limited to set theory, logic, and methods of proof, counting, recursion, graphs, trees and networks. *Prerequisite: MATH 2025.*

399- Workshop/Seminar in Mathematics

May be repeated for credit with change of topic.

MUSIC (MUS)

4003 Mathematical Probability (3)

A study of combinatorics, discrete and continuous probability functions, moment-generating functions and limit theorems. *Prerequisites: MATH 2025 and 2033.*

4023 Geometry (3)

A survey of modern and traditional topics in geometry. Includes compass and straight-edge constructions, plane isometrics, and symmetries of the plane, finite geometries, neutral, Euclidean, and non-Euclidean geometry. *Prerequisite: MATH 3103.*

4043 Advanced Calculus (3)

A thorough study of sets, limits, continuity of real-valued functions, and the Riemann Integral. *Prerequisite: MATH 3103.*

4101 Mathematics Senior Seminar (1)

Assessment will be a key component of this capstone course for the mathematics major. Students will attend semester meetings with a mathematics faculty member. Course requirements may include, but are not limited to: 1) a personal assessment of prior coursework as related to program goals, 2) participation in department comprehensive assessment exams, 3) study of career opportunities in mathematics, 4) study of connections between advanced mathematics and high school mathematics for future teachers. *Prerequisite: Advisor Consent.*

488- Selected Topics in Mathematics

May be repeated for credit with change of topic: complex analysis, differential equations, and history of mathematics, topology, and other specified topics.

495- Cooperative Education: Math (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individual programs must be formulated in consultation with and approved by the faculty coordinator and appropriate Cooperative Education coordinator. May be repeated for credit with a change of agency or topic. *Prerequisite: at least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in Mathematics

May be repeated for credit with change of topic: complex analysis, differential equations, and history of mathematics, topology, and other specified topics.

MUSIC (MUS)

The music area assists students in developing their personal interest and aptitude in music.

102- Applied Music (1–2)

May be repeated for credit. *Prerequisite: Instructor consent (FALL/SPRING).*

1043 Music Theory 1 (3)

First in a two-course sequence in the study of music theory. The first semester of the sequence is an introduction to theory and its development within an historical context. Includes: fundamentals of music; basic notation; aural skills; keyboard harmony; beginning composition (*FALL-EVEN YEAR*).

1053 Music Theory 2 (3)

Second in a two-course sequence in music theory. Continuation of theoretical analysis of works representative of particular historical styles and periods. Intermediate music theory; aural skills; intermediate keyboard harmony; harmonic analysis; counterpoint; form; composition.

Prerequisite: MUS 1043 or instructor consent (FALL-ODD YEAR).

202- Applied Music (1–2)

May be repeated for credit. Studio recital required. Prerequisite: Instructor consent.

2041 Vocal Ensemble: Chorale (1)

May be repeated for credit. Prerequisite: Instructor consent (*FALL/SPRING*).

2051 Women's Ensemble (1)

May be repeated for credit. Prerequisite: Instructor consent.

2081 Men's Ensemble (1)

May be repeated for credit. Prerequisite: Instructor consent.

2083 Musical Theatre (3)

To familiarize students with the organization of music and the organization of theatre in order to promote appreciation of music theatre productions and other musical drama. This will be achieved through study of composers and librettists and by watching and listening to musicals. All study is to promote the general purpose of creating more informed listeners.

Not open to students with credit in MUS 4083 (FALL).

2093 The Heritage of Western Music (3)

A study of the central traditions and styles of Western music. Emphasis on the development of listening techniques (*SPRING-EVEN YEAR*).

288- Selected Topics in Music

May be repeated for credit with change of topic.

299- Workshop/Seminar in Music

May be repeated for credit with change of topic.

302- Applied Music (1–2)

May be repeated for credit. Studio recital required. *Prerequisite: Instructor consent.*

3041 Vocal Ensemble: Chorale (1)

May be repeated for credit. Prerequisite: Instructor consent (*FALL/SPRING*).

3051 Women's Ensemble (1)

May be repeated for credit. Prerequisite: Instructor consent.

3061 Troubadours (1)

May be repeated for credit. Prerequisite: Instructor consent (*FALL/SPRING*).

3081 Men's Ensemble (1)

May be repeated for credit. Prerequisite: Instructor consent.

3083 American Music (3)

A survey course in the development of music in America from the Puritans to the modern day. This course will expose the students to the various genre of American music in both the vernacular and cultivated traditions. *Prerequisite: Junior standing (SPRING-ODD YEAR).*

NAVIGATOR (NAV)

399- Workshop/Seminar in Music

May be repeated for credit with change of topic.

4083 Musical Theatre (3)

To familiarize students with the organization of music and the organization of theatre in order to promote appreciation of music theatre productions and other musical drama. This will be achieved through study of composers and librettists and by watching and listening to musicals. All study is to promote the general purpose of creating more informed listeners.

Not open to students with credit in MUS 2083 (FALL).

4093 Musical Theatre Workshop (3)

See THTR 4093.

488- Selected Topics in Music

May be repeated for credit with change of topic.

499- Independent Study in Music

NAVIGATOR (NAV)

1001 Navigator 1: Flight Planning (1)

Navigator is a unique Newman University student experience that is personalized and integrated, focusing on success and outcomes upon graduation. This course will engage small discussion based classes, focus on various topics including intellectual and leadership skills, critical thinking and teamwork. Students will prepare themselves through various assessments, discussions and interactions to create a plan for their Navigator career portfolio. During this course, students will determine any current service learning that they would like to continue, start building a resume and create their personal “Why” statement. This is the first in a series of three courses. This course will be offered as a Humanities elective.

3001 Navigator 2: Vector Check (1)

Navigator is a unique Newman University student experience that is personalized and integrated focusing on success and outcomes upon graduation. This second course in the series of three will focus on the progress made and ensuring that students have access to the opportunities necessary to successfully complete their Navigator career portfolio. Students will meet with their GPS team, review their leadership and service and multicultural activities to date, discuss lessons learned and opportunities for growth, and identify the specific activities to be completed prior to their final semester and the submission of their Navigator career portfolio in NAV 4001: Navigator 3: Successful Launch. This is the second in a series of three courses. This course will be offered as a Humanities elective.

4001 Navigator 3: Successful Launch (1)

Navigator is a unique Newman University student experience that is personalized and integrated focusing on success and outcomes upon graduation. This is the final course in a series of three courses. At the conclusion of this course the student will submit their completed Navigator career portfolio for grading. Students will have a leadership development plan that will allow them to continue their growth as leaders preparing them to transform society. Students will also have a completed resume and reflections on their internship or shadowing experience, service or civic engagement, and multicultural experiences. This course will be offered as a Humanities elective.

NEWMAN STUDIES PROGRAM (NSP)

Core courses provide the curricular capstone of the Newman Studies program. Each course is interdisciplinary, with time devoted to exploring the ways two or more disciplines approach, understand, and investigate some shared theme. Core courses feature a critical and dialogical approach, and are meant to provoke deep reflection over issues that are fundamental to human life. Each includes a significant writing and research component and typically is team-taught. In-residence courses feature significant ‘seminar’ classroom experiences, while on-line courses foster shared, participatory learning. Topic varies by semester and instructor. May be repeated for credit with change of topic. Prerequisites: Sophomore standing and completion of NSP Skills Courses.

4103 The Human Story (3)

Capstone course for the “Human Story” category of the Newman Studies Program. The following questions suggest the kinds of topics to be explored in specific courses: How have historians and social scientists theorized about the world around them? Over time, how have we human beings interacted with nature? How have we tried to understand our individual and collective past? In what ways have we understood our relationship to others, and how has this understanding changed over time? What kinds of political, economic and social systems have we human beings created? To what degree do our behaviors appear to be driven by common interests and drives, and to what extent do human goals differ by time and place?

4153 The Human Story (3)

See NSP 4103. Course generally taught or co-taught by a philosophy instructor.

4303 The Creative Spirit (3)

Capstone course for the “Creative Spirit” category of the Newman Studies Program. The following questions suggest the kinds of topics to be explored in specific courses: What is the source of human creativity? How do we engage in the creative spirit? Where can we recognize expressions of our creative spirit (Literature, Music, Art, Theater, Film, and Dance)? How has the creative spirit influenced various aspects of society (History, Government, Business, and Science)? How does the creative spirit link us to one another? How does the creative spirit lead us toward transcendence?

4353 The Creative Spirit (3)

See NSP 4303. Course generally taught or co-taught by a philosophy instructor.

4503 The Universe We Live In (3)

Capstone course for the “Universe We Live In” category of the Newman Studies Program. The following questions suggest the kinds of topics to be explored in specific courses: How have modern scientists attempted to explain the physical universe in which we live? How does modern science differ from earlier scientific paradigms? How does the scientific method compare to the ways that other disciplines go about understanding the world? What is the relationship of science to technology? What ethical implications accompany the technologies that have come from scientific research? How have Catholicism and other faith traditions accommodated or responded to the development of modern scientific theories, and in what ways have they influenced scientific discovery?

4553 The Universe We Live In (3)

See NSP 4503. Course generally taught or co-taught by a philosophy instructor.

4703 The Quest for Meaning (3)

Capstone course for the “Quest for Meaning” category of the Newman Studies Program. The following questions suggest the kinds of topics to be explored in specific courses: What is the nature of ultimate reality? What is the proper relationship between faith and reason? What are the nature and limits of human knowledge? How should Scripture and Tradition be interpreted today? How can we foster genuine dialogue with those in other religious traditions and with secular society? What are the implications of Christian beliefs for political, economic, and personal life?

488- Selected Topics in Newman Studies Program

May be repeated for credit with change of topic.

4900 Scholars Day (0)

The Newman Studies Program (NSP) affords students the opportunity to present an original, faculty supervised work to an audience of their peers. The presentation may occur during the official Scholars Day event (held each semester on the Newman University campus) or through another venue approved by the NSP Committee. Students completing a bachelor's degree under the Newman Studies Program must enroll and successfully pass this course at least once. This zero-credit hour course is graded Pass/Fail and is a requirement for graduation. Failure to complete Scholars Day will result in a grade of "F". No incompletes will be provided for this course.

NURSING (NSG)

BSN Program—RN Completion (Applications to this program are not currently being accepted.)

Enrollment in the following nursing courses is dependent upon meeting the admission requirements of the RN completion baccalaureate nursing program.

The curriculum for a Bachelor of Science in Nursing degree combines liberal arts and science courses which provide a general and professional education for RNs. It is designed to produce a generalist in nursing and to provide a basis for advanced education in nursing.

Evidence of professional liability insurance in the amount of \$1,000,000/event (\$3,000,000 aggregate) must be on file in the Nursing Office before enrolling in NSG 4392. A completed health examination form and a background check may also be required for enrollment in this course.

The BSN Programs adhere to the Kansas Nursing Articulation Plan. RNs may contact the BSN program for additional information.

3303 Dimensions of Professional Nursing (3)

This course addresses the historical, educational, interpersonal and professional contexts of nursing. Concepts integrated in the course are values/ethics, critical thinking, communication, safety and professional role. *Prerequisite: RN Licensure*

3313 Health Assessment (3)

This course focuses on the nursing assessment of individuals across the life span.
Prerequisite: RN Licensure

3323 Applied Pharmacology (3)

The study of pharmacology demands that students/nurses apply their knowledge from a wide variety of natural and applied sciences. Successfully predicting drug action requires a thorough knowledge of anatomy, physiology, chemistry and pathology as well as psychology and sociology. Not properly applying pharmacology can result in immediate and direct harm to the patient. The pathophysiology approach taught in Applied Pharmacology places the drugs in context with how they are used therapeutically from a pharmacodynamics and pharmacokinetic approach. This course emphasizes nursing care related to the pharmacological needs of clients across the lifespan.
Prerequisite: RN Licensure.

4303 Current Issues in Healthcare Organizations (3)

This course examines current societal, political and regulatory issues influencing contemporary healthcare systems and explores the impact on professional nursing practice and patient care delivery.
Prerequisites: NSG3303, NSG 3312 and RN Licensure

4304 Public Health and Community Nursing (4)

This course examines concepts, principles, and processes that support health promotion, risk reduction, disease prevention, and illness management across the lifespan and in populations. Epidemiological concepts, environmental and global health issues are explored. Students will apply community health theory in a wide variety of community settings across diverse populations. *Prerequisites: NSG 3303, NSG 3312, NSG 4313 and RN Licensure*

4313 Research and Evidence Based Practice (3)

This course introduces methods for critically evaluating, conducting, and utilizing research related to nursing and healthcare. Emphasis is placed on understanding the importance and the process of utilizing evidence based practice. *Prerequisites: NSG 3303 and RN Licensure*

4314 Nursing Leadership (4)

This course will explore organizational theories and leadership and management principles in professional nursing practice. An overview of leadership and management theories assists the student in understanding the legal and ethical implication of the role of the professional nurse in regard to patient care, staffing, budgeting, quality improvement, and other issues. *Prerequisites: NSG 3303, NSG 3312 and RN Licensure*

4323 Contemporary Issues of Aging and End of Life Care (3)

This course will focus on current theories and concepts related to aging with emphasis on health promotion. Legal and ethical issues as well as public policy impacting geriatric care will be explored. End of life care across the lifespan will be examined with emphasis on nursing care of the patient and family. *Prerequisites: NSG 3303, NSG 3312, NSG 4303, NSG 4313 and RN Licensure*

4392 RN BSN Capstone (2)

The purpose of this course is for the RN student to synthesize knowledge and skills from the liberal arts, sciences, and RN to BSN curriculum to meet the needs of patients across the lifespan and multiple healthcare settings. Concepts related to the professional role, communication, safety, critical thinking and research/evidence based practice are utilized in a student project related to clinical practice. *Prerequisite: RN Licensure and must be enrolled in the last semester of the RN to BSN program.*

488- Selected Topics in Nursing

May be repeated for credit with change of topic.

499- Independent Study in Nursing

BSN PROGRAM

Enrollment in the following nursing courses is dependent upon meeting the admission requirements of the baccalaureate nursing program. The curriculum for the baccalaureate of science in nursing degree requires a minimum of 60 specified hours of liberal arts and sciences prior to enrolling in nursing courses. It is designed to produce a generalist in nursing and to provide a basis for advanced education in nursing. Courses with a designated NSG prefix in the Newman BSN curriculum may not be transferred in from another college or university once the student has been accepted into the Newman University nursing program.

The nursing program offers a plan for articulation of the Licensed Practical Nurse (LPN) in the BSN program. The plan follows the Articulation Plan for LPNs graduating from a Kansas school and holding a Kansas License. LPNs admitted to the program may receive credit for NSG 3011, NSG 3015, and NSG 3053. A 2 credit hour Bridge Course will be required to integrate LPN students into the BSN curriculum.

Students from other nationally accredited baccalaureate nursing programs may transfer 30 hours of upper division nursing credit (excluding Pathophysiology and Pharmacology) after approval of the Newman University BSN Admission and Progression Committee and the Registrar.

The Bachelor of Science in Nursing program prepares self-directed generalists with the competence required to deliver quality nursing care. This care is provided across multiple settings in a constantly changing and an increasingly complex healthcare environment. Program experiences foster value centered learning and the assimilation of ethical principles.

Admission to the nursing program does not guarantee graduation and graduation does not guarantee licensure. The Kansas State Board of Nursing (KSBN) may deny a license to practice nursing as a registered professional nurse if the applicant has been guilty of a felony or guilty of a misdemeanor involving an illegal drug offense unless the applicant establishes sufficient rehabilitation to warrant the public trust, except that no license shall be granted to a person with a felony conviction for a crime against persons as specified in article 34 of chapter 21 of the Kansas Statutes Annotated and acts amendatory thereof or supplemental thereto. Also considered are patterns of practice and other behaviors exhibiting an apparent incapacity to practice nursing as described in 65-1120 in the Kansas Nurse Practice Act. All criminal history must be revealed to and will be evaluated by the KSBN before licensure is granted or denied. Legal statutes for licensure vary between states. It is the responsibility of the student to review the legal statutes if planning to license in a state other than Kansas.

3002 Licensed Practical Nurse Bridge Course (2)

This course covers selected content designed to provide a higher level of conceptual understanding of basic nursing concepts required for first semester BSN students. This foundation content is required as a building block for second semester. Successful completion of the Bridge course validates previous LPN coursework and results in credit for NSG 3011, 3015, and 3053.

3011 Basic Therapeutic Nursing Interventions (1)

This course emphasizes basic therapeutic nursing interventions for the promotion and maintenance of the health of individuals. Application 1 credit hour.

Prerequisite: Admission to program.

3015 Foundations of Nursing Care (5)

This course introduces basic nursing care activities for adults in community based settings.

Prerequisite: Admission to program.

3043 Nursing Assessment (3)

This course focuses on the nursing assessment of well individuals across the life span.

Prerequisite: Admission to program.

3053 Foundations of Clinical Practice (3)

This course provides for application of basic nursing care activities with adults in long term and acute care settings. *Prerequisite: Admission to program. Completion of or concurrent enrollment in NSG 3011, 3015, 3043 and BIOL 3054. Will be graded Pass/Fail.*

3141 Research and Evidence Based Practice 1 (1)

This course introduces historical, legal and ethical aspects of nursing research. The steps in the nursing research process as well as evidence based practice (EBP) are explored.

Prerequisite: Admission to Program.

3163 Pharmacotherapeutics in Nursing (3)

This course emphasizes nursing care related to pharmacological needs of clients across the life span.

Prerequisite: BIOL 3054 and Consent.

3184 Mental Health Nursing Across the Life Span (4)

This course focuses on nursing care related to the mental health needs of patients across the life span. The practicum component provides experience in both community and acute care settings.

Prerequisite: NSG 3011, 3015, 3043, 3053 and BIOL 3054.

3188 Adult Nursing Care 1 (8)

This course focuses on nursing care related to the biophysical needs of adults. This course integrates pathophysiological, psychosocial, and health promotion principles in caring for adults with chronic and acute illnesses. Clinical experiences offer the opportunity to provide patient centered care along the wellness-illness continuum. *Prerequisite: NSG 3011, 3015, 3043, 3053 and BIOL 3054.*

4031 Advanced Principles of Aging (1)

This course will focus on current theories and concepts related to aging with emphasis on health promotion and disease pathology. Legal, social, and ethical issues as well as public policy impacting geriatric care will be explored. *Prerequisite: NSG 3141, 3184, 3188.*

4034 Child and Family Nursing (4)

This course focuses on the biopsychosocial needs of children and adolescents within the context of the family. The role of the nurse in health promotion, prevention, and therapeutic illness intervention is explored. Clinical experiences in the acute care setting provide opportunity for integration of concepts related to growth and development, health promotion, patient advocacy, and therapeutic intervention into care delivery. *Prerequisites: NSG 3141, 3184, 3188.*

4054 Community Nursing (4)

This course emphasizes nursing care of the family, populations and community as patients in community-based settings. The course goal is to understand the role of nursing in community and public health as it relates to health promotion, risk reduction and disease prevention. Students will experience collaboration with both community and acute care providers regarding health care resources when referrals for care are needed. *Prerequisite: NSG 3141, 3184, 3188.*

4061 Research and Evidence Based Practice 2 (1)

This course emphasizes the role of the nurse in evaluating, utilizing, and conducting research.

Prerequisite: NSG 3141.

4064 Maternal-Newborn Nursing (4)

This course focuses on biopsychosocial concepts related to childbearing. This course includes nursing care during normal pregnancy, childbirth, postpartal, and the neonatal period with discussion of selected at-risk conditions. Health promotion of the mother/baby and the developing family is emphasized. Clinical experiences occur in community and acute care settings. *Prerequisites: NSG 3141, 3184, 3188.*

OCCUPATIONAL THERAPY ASSISTANT (OTA)

4115 Professional Development (5)

This course explores topics related to professionalism and leadership and management in contemporary healthcare. Concepts related to delegation, quality improvement, organizational structures, culture of safety, conflict management, and fiscal responsibility are discussed. Clinical experiences allow for the development of organizational, priority setting and clinical judgment skills under direct supervision. *Prerequisites: NSG 4031, 4034, 4054, 4061, 4064.*

4136 Adult Nursing Care 2 (6)

This course focuses on adult patients with acute and rapidly changing complex health needs. Practicum experiences emphasize safety/risk reduction, team collaboration, and continuous integration of patient data into the development and evaluation of an evidence based plan of care. *Prerequisites: NSG 4031, 4034, 4054, 4061, 4064.*

4153 Preceptorship – Extended Medical Surgical Experience (3)

This is a preceptored course that prepares the student for transition into the practice of professional nursing. The course integrates leadership/management concepts, professional practice issues, regulatory requirements, and the delivery of comprehensive care across a variety of settings. *Prerequisites: NSG 4031, 4034, 4054, 4061, 4064.*

4192 Senior Seminar (2)

This course examines contemporary community nursing concepts including global health issues, health policy and politics, and legal and ethical concerns encountered in healthcare today. The impact of regulatory requirements and safety initiatives on patient outcomes is explored as well as issues related to accountability and professionalism experienced in the transition to nursing practice.

488- Selected Topics in Nursing

May be repeated for credit with change of topic.

499- Independent Study

OCCUPATIONAL THERAPY ASSISTANT (OTA)

The Occupational Therapy Assistant (OTA or COTA) typically works under the supervision of an Occupational Therapist (OT or OTR) to provide services to those individuals whose abilities to cope with the tasks of living are threatened or impaired by developmental deficits, the aging process, poverty and cultural differences, physical injury or illness, or psychosocial disabilities. Individuals are assisted to attain their optimum level of functioning, to become more self-reliant, and to become better able to participate in meaningful activities and occupations in a way that balances self-care, productive activities, and leisure.

In the fall, up to 25 individuals are selected to enter the Occupational Therapy Assistant Program. Having already completed pre-requisite coursework, those individuals begin OTA-specific classes the following (spring) semester. Admission to the Program, completion of a successful drug screen, background check and all health requirements documentation are required prior to beginning OTA classes. Specific information regarding the application process and selection criteria is published in an OTA Applicant Handbook available on the Newman University OTA webpage. Academic advising is highly recommended for those individuals interested in making application to the Occupational Therapy Assistant Program. Individuals interested in advising should schedule an appointment through the School of Nursing and Allied Health office.

Please note that application to and acceptance by Newman University must precede acceptance by the OTA Program. In the case of transfer and advanced-placement students, specific advice relative to course enrollment can effectively be given only after the student has been accepted by the University and the Registrar's Office has completed a transcript analysis and issued a degree worksheet. Early application for Newman University admission is highly recommended as the first step in the OTA application process.

Fieldwork is an essential part of occupational therapy assistant education. Brief Level I Fieldwork experiences take place in off-campus community and clinical settings and typically occur outside of regularly scheduled classes. Level II Fieldwork experiences are longer, full-time, off-campus internships that begin after the student has successfully completed all academic class work. A minimum of 16 weeks of Level II Fieldwork must be successfully completed for graduation. The OTA Program schedules all fieldwork placements for students not having completed co-requisite courses, the OTA Associate of Science in Health Science (A.S.H.S.) degree requires slightly more than two years for completion. Students following the recommended course sequence and successfully completing all degree requirements will be eligible for December graduation. All academic coursework must be completed within 3 (three) years of the first date of entry into the Program. Level II Fieldwork must be completed within 12 months of completing the academic portion of the Program. Students must adhere to degree requirements stated in the catalog corresponding to the year they are admitted to the Occupational Therapy Assistant Program. The Newman OTA Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE's telephone number c/o AOTA is (301) 652-AOTA. Graduates of the program will be eligible to sit for the National Certification Examination for the Occupational Therapy Assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). In addition, Kansas and most other states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Please note that a felony conviction may affect the graduate's ability to participate in required fieldwork, sit for the NBCOT certification examination, and/or attain licensure.

1002 Introduction to Occupational Therapy (2)

A lecture and lab experience which introduces students to the profession of occupational therapy. Emphasis is placed on the historical foundations and basic tenets of occupational therapy, and upon the diverse contexts in which occupational therapy services are provided.

Prerequisite: Admission to program or consent.

1012 Biomechanics (2)

A lecture and lab study of anatomical structures and systems of the human body as they relate to movement. Risk factors associated with physical activity will be examined.

Prerequisite: Admission to program.

1022 Occupation and Activity Analysis (2)

A lecture and lab experience which explores meaningful and purposeful activity and its foundation for the profession. *Prerequisite: Admission to program.*

2002 Core Skills in Occupational Therapy (2)

A lecture and lab experience with the primary content area being the core skills required of the occupational therapy practitioner in a variety of practice settings. *Prerequisite: OTA 1012 and 1022.*

2013 Clinical Conditions in Occupational Therapy (3)

A lecture course which explores selected clinical conditions frequently seen in occupational therapy practice. Attention to occupational therapy problem identification and goal development is given.

Prerequisite: BIOL 2031, 2032, 2051 and 2052. May be concurrent with BIOL 2031 and BIOL 2051 and 2052.

2203 Theory & Practice in Psychosocial Disabilities (3)

A lecture and lab experience with the primary content area being the acquisition of professional knowledge and practice skills of the occupational therapy assistant, and their application to selected psychosocial clinical conditions across all age spans. The collaborative relationship between the occupational therapy assistant and the occupational therapist is also emphasized. *Prerequisite: PSY 3053.*

2213 Theory & Practice in Physical Disabilities (3)

A lecture and lab experience with the primary content area being the acquisition of professional knowledge and practice skills of the occupational therapy assistant, and their application to selected neurophysiological and musculoskeletal clinical conditions across all age spans. The collaborative relationship between the occupational therapy assistant and the occupational therapist is also emphasized. *Prerequisite: OTA 2002 and 2013.*

2223 Theory & Practice in Developmental Disabilities (3)

A lecture and lab experience with the primary content area being the acquisition of professional knowledge and practice skills of the occupational therapy assistant, and their application to selected developmental clinical conditions across all age spans. The collaborative relationship between the occupational therapy assistant and the occupational therapist is also emphasized. *Prerequisite: PSY 2003 and OTA 2013.*

2301 Physical Agent Modalities (1)

A course that instructs students in physical agent modalities specific to the practice of occupational therapy, focusing primarily on technique and safety issues. *Prerequisite: BIOL 2031 and 2032 (may be concurrent with these).*

2402 Management Issues in Occupational Therapy (2)

Application of principles of management and systems in the provision of occupational therapy services to individuals and organizations. Understanding of the occupational therapist/occupational therapy assistant role delineation and appreciation of ethics and values of the profession are also emphasized. *Prerequisite: OTA 1002.*

2502 Fieldwork and Practice Issues (2)

A lecture course that prepares students for Level 2 Fieldwork and occupational therapy practice. Topics include developmental stages of the intern, attributes of the successful student, verbal and nonverbal communication, professional registration, and licensure issues. *Must be taken in student's last semester of OTA classwork.*

2704 Level 2 Fieldwork (4)

A required full time 8-week supervised experience in an accredited facility. Students are supervised by a qualified occupational therapist or occupational therapy assistant. *Prerequisite: Consent.*

2714 Level 2 Fieldwork (4)

A required full time 8-week supervised experience in an accredited facility. Students are supervised by a qualified occupational therapist or occupational therapy assistant. Age, disability and service delivery differs from the first Level 2 Fieldwork course. *Prerequisite: Consent.*

2724 Level 2 Fieldwork (4)

An optional full time 8-week supervised experience in an accredited facility. Students are supervised by a qualified occupational therapist or occupational therapy assistant. Age, disability and/or service delivery differs from the first and second Level 2 Fieldwork courses. *Prerequisite: Consent.*

288- Selected Topics in Occupational Therapy Assistant

May be repeated for credit with change of topic.

299- Workshop/Seminar in Occupational Therapy Assistant

May be repeated for credit with change of topic.

PHILOSOPHY (PHIL)

“All men by nature desire to know” (Aristotle). Philosophy is the quest to satisfy this desire. It addresses issues that have and will always demand the attention of reflective men and women: personal and social conduct, the nature of our world and our knowledge of it, the nature of truth and the ultimate reality. The meaning, purposes and direction of our lives are grounded in our responses to these issues.

1003 Introduction to Philosophy (3)

Introduction to practice of philosophical inquiry through critical examination of the views of major philosophers concerning such topics as the meaning of life, the nature of ultimate reality, the study of human nature and values, and the relation of faith and reason.

1023 Logic (3)

Introduction to the study of the methods and principles used to distinguish correct from incorrect reasoning. Includes the study of deductive and inductive reasoning, Aristotelian formal logic, common fallacies, and basic symbolic logic. Attention is given to the problem of dealing with arguments as they are expressed in everyday language.

1203 Introduction to Philosophy of St. Thomas Aquinas (3)

An introduction to the philosophy of the “Common Doctor of the Church”, St. Thomas Aquinas. The course explores the many and varied themes presented in St. Thomas’ *Summa Theologiae*, with a particular emphasis on the overall “exitus-reditus” schema of this work and the harmonious relationship between faith and reason.

2143 History of Ancient Philosophy (3)

Historical survey of ancient Greek and Roman philosophical thought from about 600 B.C.E. to 300 A.D. Major figures treated may include the Pre-Socrates, Socrates, Plato, Aristotle, the Stoics, the Epicureans, and the Neoplatonists.

2153 History of Medieval Philosophy (3)

Historical survey of Christian, Islamic, and Jewish philosophical thought from about 300 A.D. to 1500 A.D. Major figures treated may include St. Augustine, Boethius, St. Anselm, Avicenna, Averroes, St. Thomas, Duns Scotus, Maimonides, and William of Ockham.

2163 History of Modern Philosophy (3)

Historical survey of philosophical thought from about 1500 A.D. to 1800 A.D. Major figures treated may include Descartes, Hobbes, Spinoza, Leibniz, Locke, Berkeley, and Hume.

288- Selected Topics in Philosophy

May be repeated for credit with change of topic.

299- Workshop/Seminar in Philosophy

May be repeated for credit with change of topic.

3023 The Human Person (3)

Philosophical study of human nature with emphasis on the nature of knowledge, human action, habits, the immortality of the human soul, and person as a social being. *Prerequisite: One course in philosophy or instructor consent. Successful completion of ENGL 1013 College Writing 2 is highly recommended before enrollment in this course (FALL-ODD YEAR).*

3033 Ethics (3)

Study of major approaches to ethics through critical examination of the views of representative philosophers and their theories, including virtue ethics, natural law, deontology, and consequentialism. Attention is also given to the application of ethical theory to various moral and social issues.

3043 Philosophy of Religion (3)

This course deals with traditional and contemporary issues in the Philosophy of Religion. Topics that may be addressed include proofs for God's existence, the problem of evil, freedom, reason and revelation, science and religion, negative theology, and various critical responses to religion. Readings may be drawn from a variety of sources and traditions.

3073 Social and Political Philosophy (3)

A philosophical study of major issues and figures within social and political theory. Topics to be addressed may include the relation between the individual and the state; key social and political concepts, such as justice, rights, liberty, equality, the family, and civil society; prominent political forms, such as monarchy, aristocracy, and democracy; and contemporary concerns such as globalization, post-colonialism, and the politics of identity. Readings may be drawn from a variety of sources. *Prerequisite: One course in philosophy or instructor consent. Successful completion of ENGL1013 College Writing 2 is highly recommended before enrollment in this course.*

3213 Epistemology (3)

A survey of some of the main topics of contemporary analytic epistemology including the analysis of knowledge, theories of warrant and justification, foundationalism, coherentism, reliabilism, theism and warrant, internalism and externalism, naturalism and skepticism (*FALL-ODD YEAR*).

3243 Metaphysics (3)

The study of the general features of existence or reality. This course focuses on the fundamental concepts of being as developed in several major philosophers from the Greeks to the present (*SPRING-EVEN YEAR*).

399- Workshop/Seminar in Philosophy

May be repeated for credit with change of topic.

4023 Aesthetics (3)

Philosophical study of the nature of beauty, aesthetic experience, and cognitive and appetitive dimensions of the creative process. Representative theories from classical to contemporary figures, including Plato, Aristotle, Kant, Marx and Maritain will be treated. *Prerequisite: One course in philosophy or instructor consent. Successful completion of ENGL 1013 College Writing 2 is highly recommended before enrollment in this course.*

4143 Seminar in Ancient Philosophy (3)

In-depth study of ancient Greek and Roman philosophical thought from about 600 B.C.E. to 300 A.D. May focus on individual figures, texts, or philosophical issues. Course may be repeated for credit with instructor's consent. *Prerequisite: PHIL 2143.*

4153 Seminar in Medieval Philosophy (3)

In-depth study of Christian, Islamic, and Jewish philosophical thought from about 300 A.D. to 1500 A.D. May focus on individual figures, texts, or philosophical issues. Course may be repeated for credit with instructor's consent. *Prerequisite: PHIL 2153.*

4163 Seminar in Modern Philosophy (3)

In-depth study of philosophical thought from about 1500 A.D. to 1800 A.D. May focus on individual figures, texts, or philosophical issues. Course may be repeated for credit with instructor's consent. *Prerequisite: PHIL 2163.*

4173 Seminar in Contemporary Philosophy (3)

In-depth study of philosophical thought from about 1800 A.D. to the present. May focus on individual figures, texts, or philosophical issues. Course may be repeated for credit with instructor's consent. *Prerequisite: PHIL 2143, 2153, or 2163.*

4701 Portfolio Preparation (1)

Working with a faculty advisor, students will prepare a portfolio of selected work completed in upper-level philosophy courses. *Must be taken during the semester immediately preceding graduation.*

4703 Senior Seminar (3)

This “capstone” experience provides graduating Philosophy for Theological Studies students with the opportunity to research a particular topic in the humanities and examine it from the perspective of a variety of humanities disciplines. Student projects will be determined in consultation with the seminar instructor. *Prerequisite: Senior standing (anticipating graduation within the calendar year) and completion (or near completion) of all humanities or theology degree course requirements.*

488- Selected Topics in Philosophy

May be repeated for credit with a change of topic: American philosophy, business ethics, and philosophy of religion, oriental philosophy, philosophy of science, and other topics.

Prerequisite: Six credit hour's philosophy.

499- Independent Study in Philosophy

Prerequisite: Twelve credit hours of philosophy.

PHILOSOPHY FOR THEOLOGICAL STUDIES (BA) (PHIL)

“The study of philosophy is fundamental and indispensable to the structure of theological studies.”

– St. Pope John Paul II, *Fides et Ratio*, 62

While open to any student, this degree is designed to prepare Catholic seminarians for graduate work in theology.

100S Introduction to Philosophy: Foundations for Theology

This course considers the relationship between reason and faith, adopting the classical adage, *credo ut intelligam* (I believe in order to know). The synthesis of faith and reason articulated by St. Anselm is considered in detail as is the foundation of ethics in theories of natural law, with special attention to Aristotle. The search for alternative foundations for morality and rationality developed in modern thought, from empiricism to existentialism, will also be explored. The course concludes with a consideration of natural theology, which treats the existence of God and the attributes of God by means of the natural light of reason, providing a foundation for the later study of theology and the knowledge of God by means of revelation.

1023 Logic

The study of logic helps students develop their critical and analytical abilities to become clearer thinkers. With this aim, this course studies the methods and principles used to distinguish correct from incorrect reasoning. It includes the study of deductive and inductive reasoning, Aristotelian formal logic and common logical fallacies. Attention is given to the problem of dealing with arguments as they are expressed in everyday language.

120S Introduction to the Philosophy of St. Thomas Aquinas

An introduction to the philosophy of the “Common Doctor” of the Church, so-called because the thought of St. Thomas Aquinas applies to every aspect of theology. This course explores the many and varied themes presented in St. Thomas’ *Summa Theologiae*, with a particular emphasis on his analysis of being; distinguishing essence and existence (essential for understanding his theology of God); the difference between matter and form (critical for sacramental theology); and the difference between substance and accidents, the philosophical foundation for transubstantiation.

214S Ancient Philosophy: Preparation for the Gospel

What does ancient philosophy have to do with the gospel? For the Fathers of the Church, ancient philosophy was seen as true preparation for the Gospel. This course thus presents the major figures and schools of Greek philosophy (Pre-Socratics; Plato and Aristotle; Epicureans, and Stoics, among others) as they precede and shape the world of the New Testament. Special attention will be given to Plato's understanding of the Good and the Beautiful, and the possibility of reaching these transcendent goals by way of reasoned discourse.

215S Medieval Philosophy: The Development of Catholic Culture

Beginning with St. Augustine, this course considers the philosophical positions of the thinkers who contributed to the creation of Catholic culture during the medieval period (354-1600 AD) including St. Anselm, St. Bonaventure, and William of Ockham, with a special emphasis upon the contribution of St. Thomas Aquinas. The course concludes with the controversy on grace between the Molinists and the Banezians in the late 16th century.

216S Modern Philosophy: Challenge and Response

This course covers some of the more pressing philosophical challenges to the contemporary Church including Baconian scientific method; Cartesian doubt; Lockean empiricism; Hegelian romanticism; Darwinian evolutionism; Comptean positivism; Kantian ethics; and Nietzschean nihilism, pragmatism, and existentialism, with responses offered from within the Catholic intellectual tradition, including the work of Henri Cardinal de Lubac and philosophers working in the neo-Thomist tradition.

302S Philosophy of the Human Person

The philosophical study of the human person, his fulfillment in intersubjectivity, his destiny, his inalienable rights, and his 'nuptial character' as one of the primary elements which is expressive of human nature and constitutive of society provides a foundation for the later study of theological anthropology. Special emphasis will be given to the personalism of St. Augustine, and St. Thomas Aquinas.

303S Ethics

The study of ethics, which treats general principles of ethical decision making, provides a solid grounding in themes like conscience, freedom, law, responsibility, virtue, and guilt. Ethics also considers the common good and virtue of solidarity as central to Catholic social political philosophy. It provides a foundation for the seminarian's later study of moral theology. This course will give particular attention to the tradition of natural law which links Aristotle to St. Thomas Aquinas and will explore the role of conscience in Catholic moral reflection.

307S Catholic Social & Political Philosophy

The social teaching of the Catholic Church—its teaching on political, economic, and legal justice, human dignity and rights, and the requirements of the common good—is a key part of its moral teaching. Topics covered will include Catholic teaching on democracy and religious freedom and other human rights, and the Church's critique of socialism and collectivism, laissez-faire capitalism and social Darwinism; scientific materialism and secularism; and expressive individualism, with its defenses of private property, the regulated market economy and "subsidiarity."

323S Thomistic Metaphysics

This course explores fundamental issues concerning the nature of reality, noting how reality and truth transcend the empirical, drawing heavily upon the metaphysics of St. Thomas Aquinas, with the aim of also providing the structure and ability to discuss certain theological concepts which depend on metaphysics for their articulation and explanation.

324S Thomistic Epistemology

The study of epistemology, the investigation of the nature and properties of knowledge, helps students see that human knowledge is capable of gathering from contingent reality objective and necessary truths, while recognizing also the limits of human knowledge. This course will consider the power of reason to know the truth as well as consider the limits of the power of human reason, they are opened to look to revelation for a fuller knowledge of those truths which exceed the power of human reason. This course will center on relevant sections of St. Thomas' masterwork, the *Summa Theologiae*, including ST Ia. q. 78, a. 3-4; q. 79, a. 2-8; q. 85, a. 5.

333S Thomistic Metaphysics 2: Natural Theology

The second of a two-part sequence, this course builds upon the prior introduction to Thomistic Metaphysics as a whole. The second part considers natural theology, and thus completes the intellectual movement begun in the first part by contemplating created being in the light of God as Creator. The course begins with a careful consideration of the proofs of God's existence, as exemplified in St. Thomas' famous Five Ways. Various opposing views or objections against these proofs are also carefully considered. The course then discusses both the entitative and operative divine attributes and examines the character of our knowledge of and speech about God before turning to consider God as Creator and the universe He creates. The course thus follows closely Aquinas' *Summa Theologiae*, while drawing on related texts. Continuing the theological preparatory aims of the first part of this sequence, this course aims to help students grasp the various preambles of faith (*praeambula fidei*), those truths about God that are philosophically knowable and therefore preparatory for the student of Catholic theology.

470S Senior Seminar

This "capstone" experience provides students with the opportunity to explore and evaluate the philosophical foundations of a major theologian, issue in theology, or in the humanities, such as the "transcendental Thomism" of Karl Rahner or the German romantic idealism of Hans Urs von Balthasar. Student projects will be determined in consultation of the seminar instructor. Prerequisite: Senior standing (anticipating graduation within the calendar year) and completion (or near completion) of all humanities or theology degree requirements.

488S- Selected Topics in Philosophy

May be repeated for credit with a change of topic. Prerequisite: Six credit hours in philosophy.

PHYSICAL EDUCATION (PHED)

Newman University offers the following sports: baseball, men's and women's basketball, men's and women's bowling, men's and women's cross country, men's and women's golf, men's and women's soccer, softball, men's and women's tennis, women's volleyball, men's and women's triathlon, and men's wrestling. Athletes in these sports are required to enroll in the sport each semester unless the student's enrollment in other courses is outside the flat tuition rate. Athletes who cannot enroll in the course are still charged the fee. Only athletes who are eligible to participate in their sport are allowed to enroll in PHED1001 Intercollegiate Athletics. Students are limited to one credit hour of Intercollegiate Athletics/Intercollegiate Sports Conditioning per semester. If students participate in more than one sport in a semester they are eligible for credit in only one of them.

1001 Intercollegiate Athletics (1)

This course enables student-athletes to earn credit through participation in intercollegiate athletics. Regular attendance and participation in all squad activities are required. Graded Pass/Fail. May be repeated for a total of 5 hours credit. *Prerequisite: Consent.*

PHYSICAL SCIENCE (PHSC)

1021 Intercollegiate Sports Conditioning (1)

This class combines athletic sports drills, weight training and other techniques, specifically designed to improve speed, agility, quickness, and balance and muscle definition. Students will work out in a structured atmosphere designed to improve their physical condition for athletics. May be repeated for a total of 5 hours credit. *Prerequisite: Consent.*

1051 Cheer/Dance (1)

Students in this course are participants on the Newman University cheer/dance team. May be repeated for credit. *Prerequisite: Instructor Consent. (FALL/SPRING)*

288- Selected Topics in Physical Education

May be repeated for credit with change of topic.

299- Workshop/Seminar in Physical Education

May be repeated for credit with change of topic.

3103 Organization and Administration of Sport, Exercise and Health (3)

This course introduces the study of effective planning, leading, organizing, and controlling in Sport Management. Emphasis is on understanding and application of the behavior and administrative theories and concepts needed to succeed in sporting organizations. *(SPRING-EVEN YEAR)*

399- Workshop/Seminar in Physical Education

May be repeated for credit with change of topic.

488- Selected Topics in Physical Education

May be repeated for credit with change of topic.

499- Independent Study in Physical Education

PHYSICAL SCIENCE (PHSC)

Physical Science provides support courses for other fields of study such as biology and chemistry. It also acquaints the student with the liberal arts philosophy in science dealing with the scientific approach.

Before enrolling in a course which has a prerequisite course listed, the student must have earned a grade of "C" or better in the prerequisite course.

1004 General Physical Science (4)

An integrated study through lecture, discussion, demonstration, laboratory experience, computer applications and field trips of modern physical science and its philosophical and social significance for society today. Lecture 3 hours; lab 2 hours. *Prerequisite: Math proficiency or instructor consent (FALL/SPRING).*

2011 Physics 1 Lab (1)

The topics explored experimentally include speed vs velocity, projectile motion, equilibrium forces, momentum, rotational kinematics, rotational dynamics, simple harmonic motion, fluids, heat transfer, periodic waves, and properties of sound. *(FALL)*

2013 Physics 1 (3)

A study of mechanics, heat and sound. Lecture 3 hours; lab 2 hours. *Prerequisite: MATH 1053 or equivalent (FALL).*

2021 Physics 2 Lab (1)

The topics explored experimentally include interference, electrostatic forces, capacitance, basic circuits, magnetism, electromagnetic induction, and selected topics from optics. (*SPRING/SUMMER*)

2023 Physics 2 (3)

A study of electricity and magnetism, light and optics, nuclear concepts including radioactivity. Lecture 3 hours; lab 2 hours. *Prerequisite: PHSC 2013 and 2011 or instructor consent (SPRING).*

2114 Calculus Based Physics 1 (4)

The study of mechanics, heat and sound, with applications of calculus. Lecture 4 hours; lab 2 hours. *Prerequisite: MATH 2015.*

2124 Calculus Based Physics 2 (4)

The study of electricity, magnetism, light, optics and topics in modern physics, with applications of calculus. Lecture 4 hours; lab 2 hours. *Prerequisite: PHSC 2015.*

288- Selected Topics in Physical Science

May be repeated for credit with change of topic.

289- Independent Study in Physical Science**299- Workshop/Seminar in Physical Science**

May be repeated for credit with change of topic.

3001 Earth and Space Science Lab (1)

Laboratory topics complement the topics covered in PHSC 3003. Lab emphasizes basic laboratory techniques, measurement, observation and analysis of data. Lab meets for 2 hours per week. (*SPRING-ODD YEAR/SUMMER*)

3003 Earth and Space Science (3)

An integrated study through lecture, discussion, demonstration, and laboratory experiments of modern earth and space science and its philosophical and social significance for society today. Both lecture and laboratory experiments are integrated throughout the meeting times. (*SPRING/SUMMER*)

399- Workshop/Seminar in Physical Science

May be repeated for credit with change of topic.

POLITICAL SCIENCE (PSN)

Every student should insist on having some grounded idea about the scope and nature of the American governmental system, the great works of political thought, and the political and economic problems of the international community.

1003 American Government (3)

A survey of national, state, and local governments, as well as the origin and growth of the Constitution. Certain aspects stressed are the functioning of government, the relations between the states and the national government, administrative developments, and the work of the executive, legislative, and judicial branches.

299- Workshop/Seminar in Political Science

May be repeated for credit with change of topic.

PSYCHOLOGY (PSY)

3043 American Parties and Politics (3)

A study of American political parties and the process of politics with consideration of pressure groups, political polling, political behavior, and the historical development of American political parties. Includes study of current elections and the role, function, organization, and techniques of parties in candidate campaigns.

3063 World Government Systems (3)

Basic concepts, theories and methods of government presented in a comparative analysis of world political systems. Case studies of selected political systems—developed and developing Western and non-Western, democratic and non-democratic—illustrate analytical approaches. *Prerequisite: PSN 1003.*

3073 The Cold War (3)

Overview and analysis of political, military, and historic events that occurred from 1945-91, within the context of postwar reconstruction, nuclear arsenals, decline of colonialism, and conflict in the Middle East. Consistent emphasis will be placed on awareness of the aforementioned three international relations traditions within the course syllabus.

3083 History of Political Thought (3)

See HIST 3083.

399- Workshop/Seminar in Political Science

May be repeated for credit with change of topic.

4033 American Foreign Relations (3)

See HIST 4033.

488- Selected Topics in Political Science

May be repeated for credit with change of topic.

PSYCHOLOGY (PSY)

The curriculum in psychology is designed to provide the major with a broad understanding of the discipline of psychology. Psychology, as a hybrid science, bridges the gap between the biological sciences and the social disciplines. Due to this unique position, the study of psychology brings the student into contact with the facts and theories of one's biological heritage, the history of Western thought regarding persons within their social and physical environment, and the development of scientific methods to study the many facets of human activity. Consequently, the psychology major receives a broad liberal arts/sciences background.

The B.S. program prepares students for positions in the fields of mental health, social service, substance abuse, and corrections. Students are prepared for further study in graduate programs in psychology, social work, law, business and other areas.

1013 General Psychology (3)

A survey of the nature and scope of the science of psychology (*FALL/SPRING*).

2003 Developmental Psychology (3)

A study of the psycho-physiological and social aspects of human development from infancy to old age with special emphasis on childhood and adolescence. *Prerequisite: PSY 1013.*
Not open to students with credit in child or adolescent psychology (FALL/SPRING/SUMMER).

288- Selected Topics in Psychology

May be repeated for credit with change of topic.

- 299- Workshop/Seminar in Psychology**
May be repeated for credit with change of topic.
- 3003 Psychology of Learning (3)**
A survey of current research and theory in learning. *Prerequisite: PSY 1013 (FALL-EVEN YEAR).*
- 3033 Theories of Therapy (3)**
An advanced examination of theories in the practice of therapy.
- 3043 Psychology of Personality (3)**
Study of the methods, theories, and experimental evidence involved in the understanding of personality functioning. *Prerequisite: Junior standing (SPRING).*
- 3053 Abnormal Psychology (3)**
An overview of the field of abnormal behavior focusing on traditional and contemporary views. *Prerequisite: PSY 1013 (SPRING).*
- 3063 Applied Statistics (3)**
Introduction to descriptive and inferential statistics as applied to the social sciences and nursing. *Prerequisite: PSY 1013 or SOC 1003 and MATH 1033 or more advanced math, or consent (FALL/SPRING/SUMMER).*
- 3073 Physiological Psychology (3)**
Introduction to the biological basis of behavior with emphasis upon central and peripheral processes involved in motivation, emotion, learning, perception and cognition. *Prerequisite: PSY 1013 (FALL-EVEN YEAR).*
- 3083 Tests and Measurement in Psychology (3)**
An examination of the theoretical and practical concerns in psychometrics. Major tests of intelligence, personality and other psychological topics will be covered. *Prerequisite: PSY 1013 and PSY 3063 (FALL-ODD YEAR).*
- 399- Workshop/Seminar in Psychology**
May be repeated for credit with change of topic.
- 4003 History of Psychology (3)**
A survey of historical developments underlying modern psychology. For psychology majors and minors. *Prerequisite: PSY 1013 (FALL-ODD YEAR).*
- 4013 Social Psychology (3)**
Study of the relationship of society to the individual with emphasis on the effect of social interaction on behavior. *Prerequisite: PSY 1013 (FALL-ODD YEAR).*
- 4023 Cognitive Psychology (3)**
This course is an introduction to cognitive psychology, the branch of psychology that studies how people acquire, store, communicate, and use information. In the most general terms, cognitive psychology is the scientific study of mental processes, of how the mind works (and fails to work), and how information is transformed and expanded by inductive and deductive reasoning. There is a weekly lab component where students will actively participate in classic cognitive experiments, and in this way, gain a better understanding of the cognitive concepts discussed in class.
- 4053 Methods of Research (3)**
See SOC 4053.

RADIOLOGIC TECHNOLOGY (RADT)

4063 Advanced Psychology Seminar (3)

An integrative seminar for the upper division student, preferably for seniors. Students are expected to design and complete an individual project. Emphases will be placed on integrating knowledge in psychology, along with expanding professional writing skills and critical thinking.

Prerequisite: PSY 1013, PSY 4003 and PSY 4053 (SPRING).

4113 Ethics for the Social Sciences (3)

This course is designed to provide the student who is majoring in applied social sciences (psychology and sociology) with a grounding in ethical theory and the specifics of ethical provision of helping services, social science, and research.

488- Selected Topics in Psychology

May be repeated for credit with change of topic.

495- Cooperative Education: Psychology (1–3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: At least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in Psychology

RADIOLOGIC TECHNOLOGY (RADT)

The Newman University Program of Radiologic Technology through consistent classroom and clinical experience provides the student with state of the art knowledge in radiological sciences. The curriculum and supportive environment facilitate the student to achieve an essential role in the profession, service to the community and provides personal enrichment.

A Radiologic Technologist produces radiographic images for interpretation by the radiologist or physician. While producing and processing this diagnostic information, technologists are responsible for the physical and mental comfort of the patient.

Career opportunities exist in hospitals, clinics, and industry for this rapidly growing and important field of medicine. Newman University prepares the student for this career with classroom experience and clinical training at local health care institutions. After completing radiology requirements and degree requirements, an Associate of Science in Health Science degree is conferred. Enrollment is limited and dependent on admission requirements.

For information, contact the Newman University Admissions Office or the program director or visit Newman's web site at www.newmanu.edu.

1103 Patient Care in Medical Imaging (3)

This course provides an introduction to the history and terminology of the profession of radiologic technology with emphasis on the legal and ethical problems associated with health care delivery and an investigation into the principle of routine and emergency patient management. Psychology of the healthy and the ill patient, with added emphasis to empathy and interaction, are included. Competency in American Red Cross CPR is included in this course. Observation time is provided at the affiliates for discovery, observation and learning in a culturally diverse clinical setting. *Prerequisite: Acceptance to Radiologic Technology Program.*

1125 Radiologic Positioning 1 (5)

This course provides a study of radiographic positioning methods, procedures, and associated technical skills. This includes a comprehensive analysis of the diagnostic radiographic image integrating technical factors, positioning, anatomy and physiology. An emphasis will be placed on recognizing, defining and solving problems. Extended lab time is provided at the medical centers for learning and simulations in a clinical setting. Subject coverage includes positioning terminology, chest, abdomen, upper extremity, shoulder, lower extremity, and airway positioning.

Prerequisite: Acceptance to Radiologic Technology Program.

1225 Radiologic Positioning 2 (5)

This course provides a study of radiographic positioning methods, procedures, and associated technical skills. This includes a comprehensive analysis of the diagnostic radiographic image integrating technical factors, positioning, anatomy and physiology. An emphasis will be placed on recognizing, defining and solving problems. Extended lab time is provided at the medical centers for learning through simulations in a clinical setting. Subject coverage includes hip and pelvis, spine, sacrum, coccyx, sacroiliac joints, bony thorax, gastrointestinal, urinary and pediatric positioning. *Prerequisite: RADT 1125.*

1264 Radiographic Exposures (4)

An introduction to the basic techniques that produce quality x-rays: exposure factors, techniques charts, factors which influence and control the radiographic image, film processing, and computer assisted radiography.

1323 Radiologic Positioning 3 (3)

This course provides a study of radiographic positioning methods, procedures and associated technical skills. This includes a comprehensive analysis of the diagnostic radiographic image integrating technical factors, positioning, anatomy and physiology. An emphasis will be placed on recognizing, defining and solving problems. Extended lab time is provided at the medical centers for learning through simulations in a clinical setting. Subject coverage includes trauma, skull and facial bone positioning and surgical procedures. *Prerequisite: RADT 1225.*

1402 Digital Radiography (2)

This course will provide students with knowledge of the basics of a computer and how the computer is used to create a digital image from the use of x-rays. Radiographic techniques for application in digital imaging will also be discussed.

1432 Radiation Safety (2)

This course will provide the student with the basics of radiation safety.

1703 Registry Review 1 (3)

This course will enhance the students understanding and comprehension to prepare them to pass the Diagnostic Radiology National Certification Exam.

180- Techniques Seminar (1-2)

This course provides initial or additional exposure to specific areas of radiologic technology including diagnostic radiography, fluoroscopy, mammography, vascular procedures, computed tomography, magnetic resonance imaging, radiation therapy, nuclear medicine, sonography, quality assurance, etc. This course may be repeated for credit with change of topic. Students may enroll in a maximum of two credit hours a semester.

2022 Radiologic Pathology (2)

This course covers radiologic demonstration of medical and surgical diseases, and how these may be best demonstrated. Presentation and discussion of radiographs illustrate principles of various radiographic procedures. Other radiologic methods such as CT, MRI, ultrasound and nuclear medicine are included when indicated. *Prerequisite: Acceptance to Radiologic Technology Program.*

2033 Radiological Imaging (3)

This course examines specific radiographic techniques and equipment used in conventional and digital fluoroscopy, conventional and computed tomography, magnetic resonance imaging and vascular imaging. Cross-sectional anatomy used in CT, MRI, and other imaging modalities will be explored. Specialized radiographic procedures including but not limited to angiography, interventional radiology, myelography, and arthrography will be discussed.

2072 Radiation Physics (2)

This course will provide students with the knowledge of application of basic theories, concepts, and laws of atomic physics, magnetism, sound, and electricity in relation to x-ray generation equipment. General types of x-ray equipment including tubes, generators and automatic exposure controls will be discussed. Theories of radiation production are presented as well as photon interactions with molecules.

2082 Radiation Biology (2)

This course will provide students with the knowledge of the effects of ionizing radiations on or in living matter as well as basic concepts and technical theory of matter, energy, and radiation protection.

2111 Clinical 1 (1)

This course provides an introduction to the general hospital environment and diagnostic areas of the medical centers. Students will spend two days a week at the medical center rotating through various modalities of the imaging department. Students are under the direct supervision of a registered technologist. *Prerequisite: Acceptance to Radiologic Technology Program.*

2202 Clinical 2 (2)

This course provides a continuation of the introduction to the general hospital environment and diagnostic areas of the medical centers. Students will spend two days a week at the medical center rotating through various modalities of the imaging department. Students are under the direct supervision of a registered technologist. *Prerequisite: RADT 2111.*

2302 Clinical 3 (2)

Students are assigned to rotations in the diagnostic areas of the imaging department including fluoroscopy, mobile, surgical radiography, and possibly second shift. Students may also begin ancillary rotations through areas such as computed tomography. Students are expected to perform competently under direct to minimal supervision of registered technologists. Students will spend four days a week at the clinical affiliates with minimal break time. *Prerequisite: RADT 2202.*

2404 Clinical 4 (4)

This course provides a continuation of rotations in the diagnostic areas of the imaging department, including ancillary rotations. Students are expected to perform competently under direct to minimal supervision of registered technologists. A didactic portion including a research paper will be included in this course. Students will spend four days a week at the clinical affiliates with minimal break time. *Prerequisite: RADT 2302.*

2503 Clinical 5 (3)

This course is a completion of rotations in the diagnostic areas of the imaging department, including ancillary rotations. Students are expected to perform competently under direct to minimal supervision of registered technologists. Students will spend three days a week at the clinical affiliate. A completed portfolio is a course requirement. *Prerequisite: RADT 2404.*

2703 Registry Review 2 (3)

A comprehensive review will be conducted to prepare students for the radiologic technology registry examination. Introduction to the professional workforce will be included.

288- Selected Topics in Radiologic Technology

May be repeated for credit with change of topic.

299- Workshop/Seminar in Radiologic Technology

May be repeated for credit with change of topic.

3402 Sectional Pathology and Abnormal Anatomy (2)

This course covers common diseases diagnosable via Computed Tomography (CT) or MRI. Each disease or trauma process is examined from its description, etiology, associated symptoms, and diagnosis with appearance on CT or MRI. Terms associated with these pathologies will be included. *Prerequisite: Consent or ARRT Certification.*

4402 Computed Tomography Principles and Procedures (2)

This course will cover patient preparation, assessment, radiation safety and dosimetry, contrast administration and dose reduction techniques as it relates to Computed Tomography. It will also include imaging processes and special procedures. *Prerequisite: Consent or ARRT Certification.*

4404 Computed Tomography Physics and Instrumentation (4)

This course will review radiation physics as well as discussion of Computed Tomography physics. Content covered will include CT systems operation, components, image processing, image display, informatics, image quality, and artifact recognition and reduction. *Prerequisite: Consent or ARRT Certification.*

461- Computed Tomography Clinical Imaging (2 or 4)

This course allows students to utilize clinical sites to gain hands-on experience completing exams that are required to sit for the ARRT registry. Students may enroll for a maximum of 4 credit hours a semester. *Prerequisite: Consent or ARRT Certification.*

4702 Computed Tomography Registry Review (2)

This course provides a review of the content areas of the ARRT Computed Tomography registry exam. *Prerequisite: ARRT or NMTCB Certification.*

488- Selected Topics in Radiologic Technology

May be repeated for credit with change of topic.

499- Independent Study in Radiologic Technology**RESPIRATORY CARE (RC)**

Respiratory Care is a dynamic, high-tech, high-touch allied health profession. Respiratory therapists work under the direction of a physician and assist in the evaluation, treatment and care of patients with heart, lung and breathing disorders. These patients range in age from the premature infant to the elderly. Most respiratory therapists work in hospitals; however, an increasing number of respiratory therapists are now working in physicians' offices, specialized care hospitals, medical equipment companies and skilled nursing facilities.

The Respiratory Care Program at Newman leads to an associate of science in health science degree which may be earned in two and a half years of full-time study. After a year of prerequisite courses, selected students enter the professional phase of the program in the fall and graduate in December of the following year. Selection for admission is competitive and limited to a class of twenty. A background check and drug and alcohol testing are required for admission to the program. CPR certification, completed health physical, professional liability insurance and medical insurance are required for clinical education experience.

The Respiratory Care Program #200117 is accredited by the Commission on Accreditation for Respiratory Care (CoARC). Graduates are eligible to sit for the registry examinations offered by the National Board for Respiratory Care (NBRC), leading to the Registered Respiratory Therapist (RRT) credential. Requirements for licensure in the state of Kansas are partially met by successful completion of the entry-level NBRC examination.

1002 Introduction to Respiratory Care (2)

Familiarizes students with the history and evolution of respiratory therapy and with the role of the respiratory therapist in the health care community. Also includes the application of basic scientific principles pertinent to respiratory therapy practice.

1012 Respiratory Care Procedures Laboratory (2)

Accompanies RC 1014. Provides diagnostic skills and techniques used by respiratory therapists.

1014 Respiratory Care Procedures (4)

Presents the basic therapeutic and diagnostic skills and techniques used by the respiratory therapist which can be developed in a skills laboratory. Includes medical gas therapy, humidity, and aerosol therapy. *Prerequisite: Consent.*

1023 Introductory Clinical Practicum (3)

The student's first introduction to the clinical environment and practice of basic therapeutic skills required of the respiratory therapist. *Prerequisites: RC 1012, 1014, 2015 and 2025.*

2011 Ventilators and Applied Critical Care Laboratory (1)

Accompanies RC 2024. Practical experience in a laboratory setting. Includes the study of mechanical ventilation, ventilators, airway management, physiological monitoring techniques, and applied patient respiratory care.

2015 Cardiopulmonary and Renal Physiology (5)

An in-depth study of pulmonary and cardiovascular physiology accompanied by an overview of the kidney's role in fluid, electrolyte, and acid base balance. Emphasizes understanding essential mechanisms of normal function; within this context, applies knowledge in interpreting diagnostic studies and in understanding disordered function. *Prerequisites: BIOL 2032 and 2031/3032 and 2043.*

2022 Introduction to Pediatric Respiratory Care (2)

Provides an overview of the basic principles and techniques utilized in the cardiopulmonary management of the pediatric patient. Discusses physiologic, laboratory and roentgenographic assessment, pathophysiology, monitoring, and therapeutic techniques. *Prerequisite: Consent.*

2024 Ventilators and Applied Critical Care (4)

A study of mechanical ventilators and applied critical care, including monitoring techniques, criteria for ventilatory support, and aspects of critical care. *Co-requisite: RC 2011. Prerequisites: RC 1014 and 2015.*

2025 Cardiopulmonary Disorders and Management (5)

Studies the diagnosis, treatment, and management of cardiopulmonary disorders. Emphasizes interpreting diagnostic tests, applying these interpretations to the treatment and management of the disease, and understanding essential mechanisms of disordered function. Uses patient management problems and case study approaches. *Prerequisites: RC 1012, 1014 and 2015.*

2032 Introduction to Neonatal Respiratory Care (2)

Provides an overview of the basic principles and techniques utilized in the cardiopulmonary management of the high-risk neonate. Discusses physiologic, laboratory and roentgenographic assessment, pathophysiology, monitoring, and therapeutic techniques. *Prerequisite: Consent.*

2112 Respiratory Care in Alternate Sites (2)

Examines the role of the respiratory care practitioner in alternate sites such as pulmonary rehabilitation centers, subacute care facilities, and the home. Topics include patient evaluation and education, developing a goal-oriented plan of care, methods of measuring and assessing outcomes, ventilation retraining, relaxation techniques, physical reconditioning, smoking cessation, home respiratory equipment and therapeutics, and policies for reimbursement. *Prerequisite: Consent.*

2120 Respiratory Care Practicum Validation (0)

Validation of respiratory care student knowledge prior to the start of advanced clinical rotations. Competency checks involve basic and advanced therapeutics, including but not limited to invasive procedures, airway management, and mechanical ventilation of adult, pediatric, and neonatal patient populations.

2125 Respiratory Care Practicum 1 (5)

Introduction to the critical care environment and practice of advanced therapeutic skills. Includes aspects of clinical evaluation and respiratory management of the critically ill patient. *Prerequisite: RC 2011, 2022, 2024, 2025 and 2032.*

2135 Respiratory Care Practicum 2 (5)

Introduction to alternate care sites and specialty areas of respiratory care. Includes practice of advanced therapeutic skills, assessment techniques and diagnostic procedures in critical and noncritical areas. *Prerequisite: RC 2011, 2022, 2024, 2025 and 2032.*

288- Selected Topics in Respiratory Care

May be repeated for credit with change of topic.

299- Workshop/Seminar in Respiratory Care

May be repeated for credit with change of topic

SOCIAL WORK (SWK)

The Bachelor of Social Work program honors students' natural interest to help others and focuses on prevention and treatment of social problems, promoting well-being and service, and improving community and society through policy, research, and practice. The BSW program operationalizes core values of "service, social justice, dignity and worth of the person, importance of human relationships, integrity, and competence" as guided by the Code of Ethics of the National Association of Social Workers (NASW, 2008).

With contemporary curriculum grounded in professional social work education standards developed by the Council on Social Work Education (CSWE), liberal arts and Catholic Social Teaching, the Bachelor of Social Work program at Newman University prepares students for 21st-century social work micro, mezzo, and macro practice, as well as for admission to Advanced Standing MSW and other graduate school programs.

Mission: "Through excellence in teaching, research, and service, the mission of the Baccalaureate Social Work program at Newman University intends to prepare thoughtful, reflective, and compassionate generalist social work practitioners who are committed to professional ethics and values, service to others, and the promotion of peace, justice, and human rights; inclusive of diverse individuals, families, groups, and communities."

Required Field Education: also called Practicum, is a fundamental component of the BSW degree. It is the "signature pedagogy of the social work profession" (CSWE, 2008) and is required for eligibility for licensure. Through field education, students experience fieldwork through agency and community placements that promote development of knowledge, values, and skills comprising professional social work practice. Field Practicum requires a two-semester placement and is concurrent with coursework during the senior year, with 16 hours per week (480 hours total), supervised by a social worker in the field setting.

BSW students must satisfy all of the requirements for either Concentration 1 or 2. Students must develop their plan of study carefully. Addiction Counseling courses are requirements for eligibility to obtain LAC licensure with the Kansas Behavioral Science Regulatory Board, with the BSW License requirements differ in Colorado, students would need to visit with their advisor for Colorado regulation information.

1003 Perspectives on Substance Use and Abuse (3)

A cross-disciplinary approach to the study of addiction from a variety of perspectives including social work, psychology, sociology, addictionology, and contemporary research and literature. Issues of diversity, social justice/injustice, access to treatment, and available treatment modalities are explored. (*Required for licensure as LAC.*)

1013 Introduction to Social Work (3)

An introduction to social work values, ethics, practices, and principles as distinct perspectives of the human condition, problem identification and solving, choice-making and norming, social and economic justice, and the promotion of human dignity and protecting human and social welfare. This course examines foundational theory and practice concepts of generalist social work.

288- Selected Topics in Social Work

May be repeated for credit with a change in topic.

3033 Human Behavior and the Social Environment (3)

Engages students with Person-in-Environment perspective and content on *Bio-Psycho-Social-Emotional-Spiritual life span development* framework that are the foundation of generalist social work practice. Students learn to evaluate and attend to the multi-dimensional nature and needs of humans and begin to understand the interactions and influence of various social systems including families, groups, organizations and communities with relation to the social, cultural, spiritual, ethnic, economic, and political environments, comprising *Ecosystem* of human functioning and the context of social work.

3043 Social Justice and Advocacy (3)

Examines social work values that call us to action to challenge injustice – poverty, unemployment, mass discrimination, racism, sexism, ageism, etc. And introduces students to the interconnected threads of oppression and privilege, examining social conditions influencing people through review of belief systems, thinking processes, developmental and situational issues, and framing the “isms” of American culture. Course content is rooted in historical patterning and events, aiming to increase knowledge of diversity; contemporary social-economic-environmental justice issues, and developing tools for advocacy and change. This course also shapes the context for social work engagement and advocacy to address discrimination, oppression, and social-economic-environmental injustices.

3063 Generalist Practice 1 (3)

Introduces the framework of generalist social work practice; its functions, theory, values, methods, and skills. Emphasis placed on the development of skills and strategies for helping individuals, families, and groups within a variety of primary and secondary social work settings. Generalist Practice is examined as a *problem solving process*, which includes engagement, assessment, intervention, and evaluation. Skills, such as interviewing techniques, relationship building, and boundary setting are of primary focus for learning to empower others and work through needs/problems from a strengths-based perspective. Concurrent enrollment required: SWK 4034 Field Practicum 1. *Prerequisite: Admission to BSW program and Admission to Practicum program*

3233 Faith and Spirituality in Social Work (3)

This course examines the experience and the role of spirituality and religious traditions in social work practice, with special consideration for the faith traditions and spiritual experiences as context shaping assessment and intervention processes as well as clients’ healing and suffering. Through crossdiscipline exploration, evaluation of methods for combining the social work profession with diverse faith and spiritual beliefs for themselves and others, deepening the skills honoring the wisdom of clients.

3243 Social Welfare Policy (3)

Introduces social work through the lens of social welfare and justice, and examines public and private institutional frameworks, social welfare policies and programs in the United States, and the historical and contemporary forces — primarily political, social, and economic — that have shaped their development. Through problem-focused analysis of poverty/wealth, health/illness, and social service delivery systems, attention is directed toward professional value commitments, roles of social work in policy formulation and implementation, and the profession’s rich tradition of social action and reform.

3263 Generalist Practice 2 (3)

This course emphasizes theories and strategies for community organization/development, social planning, policy analysis/development, political and social action, advocacy/government/nonprofit agency administration and resource development. Designed to assist students in advancing of practice skills and strategies to help organizations and communities engage in improvement processes and social change processes. Students will gain knowledge of definitions, concepts, and roles of communities and organizations and the problem solving process applied through macro concepts.
Concurrent enrollment required: SWK 4234 Field Practicum 2.

4034 Field Practicum 1 (4)

Field Practicum, integral to BSW completion, is a supervised social work placement that includes experience in a social service agency within the community and represents the culmination of undergraduate social work education. Practicum placement includes agency orientations, observations, staff meetings, in-service trainings, readings/research, supervision consultations, varied social work tasks, and evaluation. Students are placed in a social welfare agency for one academic year with supervised field instruction; completing a total of 480 hours (*fall semester = 240 hours, spring semester = 240 hours*) at their assigned agency over the academic year. *This averages to about 16 hours per week over the course of the semester.* **Required on-campus class time:** Practicum is enriched through in-class meetings connecting the field practice experience to BSW academic courses. Students meet regularly on campus for the duration of their field placement, which is a part of the credit hours for SWK 4034 and SWK 4234. Students are required to complete competency-based learning contracts and reflective assignments focused on their agency placement. Graded Pass/Fail Prerequisites: Admission to BSW program and Admission to Practicum program. *Concurrent enrollment required: SWK 3063 Generalist Practice 1.* Please review the [BSW Field Education Manual](#) for policies, procedures, and detailed descriptions.

4041 Integration Seminar 1: Identity (1)

This innovative course aims to further the development of student identity as a social worker in relation to the larger world and goodness of fit. Drawing from philosophy, theology, and ethics, big questions are presented in order to holistically integrate self, classroom learning, knowledge, and experience. The course includes self-reflection, goal-setting, creative projects, and exploration of identity development and its application to social work. The course utilizes a learning community framework

4063 Social Work Research (3)

This course centers on student development of basic competence in scientific research methods identifying and defining problems, interventions, and outcomes in measurable terms. Students learn to be critical consumers of research, participate in the research process, and begin integrating social work curriculum with research. Frameworks associated with social justice, change, prevention, treatment, and social-behavioral science research are emphasized. Social work practice is addressed through critical examination of methods utilized for making decisions and ethical judgments as well as reviewing best practices.

4103 Psychopharmacology and Biology of Addictions (3)

An examination of addictive substances and an exploration of addiction at a neurobiological level. Examining the emerging research in neuroscience and a look back in history at the science, predictors, protective factors and the use of psychopharmacologic interventions to treat chemical addiction.
(Required for licensure as LAC.)

4123 Methods and Theories of Addiction Counseling (3)

An examination of traditional and contemporary theories in the practice of addiction counseling and exploration of methods used to conduct individual, group and family counseling in substance abuse treatment settings.

4234 Field Practicum 2 (4)

Continued supervised social work experience in the assigned first-semester social agency in the community; on-campus meeting required throughout semester. Graded Pass/Fail.
Prerequisite: Approval of director of field.

SOCIOLOGY (SOC)

4241 Integration Seminar 2: Industry (1)

The enrichment course is an opportunity for students to further integrate knowledge and experiences as related to social work as an industry and study as a learning community. Preparing students to engage the professional world, the course uses self-reflection and goal-setting while exploring professional interests, communicating effectively, and deepening their intellectual life.

4273 Social Work Senior Seminar (3)

Seminar to synthesize and incorporate knowledge acquired in the social work curriculum and liberal arts program. The course guides senior-level students in the writing of their comprehensive paper, which serves as their senior comprehensive assessment. The class and the senior comprehensive assessment paper are graded independently.

4303 Immigration and and Refugee Policy and Practice (3)

This course will examine the historical context of immigration and refugee status; policies, programs and services designed to help displaced people; the will address topics of trauma, re-settlement, and integration for people entering the United States. Social work theory and practice will provide the lens for reviewing issues, offering humanitarian and bio-psycho-social-spiritual perspectives for working with individuals and families in transition.

4313 Diversity Issues with Special Populations (3)

Students will explore rich and unique features of ethnically diverse populations and “special populations” and identify their human services needs. This course helps students develop a critical consciousness regarding diversity issues utilizing anti-oppression and empowered theories and varied discourse.

4323 Diverse Families and Communities (3)

The purpose of this course is to enhance the student’s understanding of our diverse society; providing content about differences and similarities in the experiences, needs and beliefs of selected minority groups and their relations to the majority group. This course is designed to examine personal, socio-economic, political and historical aspects of social oppression directed at certain minority populations. Concepts of historical trauma, diversity of thought and behavior, and cross-cultural communication are infused throughout.

488- Selected Topics in Social Work

May be repeated for additional credit with change in topic.

SOCIOLOGY (SOC)

Sociology is the scientific discipline which seeks to understand and explain the basic processes and structures of human social life. Its major concern is the discovery of uniformities and development of theories about social phenomena including societies, organizations and groups, interpersonal relationships and interaction processes, social order, and conflict and change. Knowledge of sociology is excellent background for specialized training in preparation for professional careers concerned with social organization, social welfare, law, criminal justice, and related fields. Students with the baccalaureate degree in sociology are prepared, primarily through the richness of their liberal arts education, for positions in business and industry or government or for a career in sociology as a teacher or researcher through preparation for further studies at the graduate level.

1003 Principles of Sociology (3)

An introduction to the basic processes of human social interaction including a survey of the main ideas of sociological study and an overview of the principal concepts, issues, and approaches of the discipline (*FALL/SPRING*).

2003 American Minorities (3)

The sociological study of selected ethnic, religious and racial minorities with particular attention to issues of majority-minority relations in contemporary American society. (*SPRING-EVEN YEAR*).

2013 Comparative Criminal Justice (3)

Sociological study of criminal justice systems throughout the world although emphasis will be placed on the history of criminal justice in the United States. (*FALL-ODD YEAR*).

2023 Police Operations (3)

See CRJ 2023.

288- Selected Topics in Sociology

May be repeated for credit with change of topic.

299- Workshop/Seminar in Sociology

May be repeated for credit with change of topic.

3003 Social Problems (3)

This course applies the terminology, concepts, and theories of sociology to analyze and describe the problems and issues confronting our major social institutions such as government, education, family, religion, the economy, crime and corrections, law, and health and medicine. (*FALL-EVEN YEAR*).

3013 Sociology of the Family (3)

An examination of the nature of the family as a social institution and as a social group within a larger social context. Primary emphasis on the contemporary family, problems confronting the family in a changing world, the experience of family life through the various life-cycle stages, family structure and function. (*FALL-ODD YEAR*).

3023 Deviant Behavior (3)

Examination of definitions of deviance and the major theoretical explanations of deviance, with concern for the process and consequences when certain individuals or groups become socially defined as deviant. *Prerequisite: SOC 1003 (SPRING-EVEN YEAR)*.

3033 Juvenile Delinquency (3)

An analysis of the nature and incidence of delinquency, the juvenile justice system, theories of causation, and methods of treatment and control. *Prerequisite: SOC 1003 (FALL-ODD YEAR)*.

3053 Introduction to Social Gerontology (3)

A broad overview of the social and social psychological aspects of aging. Includes examination of social and cultural factors that enter into the aging process, concerns of the elderly population, consideration of death and dying. Major concepts, findings and issues in the field of aging as a multi-disciplinary endeavor will be studied. *Prerequisite: SOC 1003 (SPRING-EVEN YEAR)*.

3063 Applied Statistics (3)

See PSY 3063.

3073 Criminology (3)

An analysis of the nature and incidence of adult crime, theoretical explanations of criminal behavior, and corrections. (*FALL-EVEN YEAR*).

3083 History of Political Thought (3)

See HIST 3083.

3093 Corrections (3)

This course focuses on the sociological analysis of current trends in the administration and structures of penal institutions in the United States. Topics include: the goals of punishment; sentencing; forms of the criminal sanction; and how race, class and gender impact the severity or harshness of punishment. (*SPRING-ODD YEAR*).

3103 Social Interaction (3)

An examination of human relations issues including individual, group, gender, race and ethnic relations in the United States and cross-culturally, especially as these affect the work of criminal justice practitioners. The first part of the course will be dedicated to a thorough introduction to theories of social action and interaction. *Prerequisite: SOC 1003 or consent.*

3113 Criminal Investigation (3)

See CRJ 3113.

3143 Gangs: Culture and Crime (3)

Study of contemporary gangs, with a focus on the cultural elements related to member behavior and the kinds of criminal involvement associated with gangs. Includes a review of the theoretical explanations related to gangs and their members.

3163 Criminal Justice Organizations (3)

See CRJ 3163.

399- Workshop/Seminar in Sociology

May be repeated for credit with change of topic.

4003 Elements of Organization (3)

A study of organizations with attention to the theoretical orientations from which study has been approached. Course content includes variables related to organizational structure, the role of communication in organizations, the individual in organizations and the environments of organizations. *Prerequisite: SOC 1003 or consent.*

4013 Social Psychology (3)

See PSY 4013.

4023 Sociology of Law (3)

Overview of the sociological and structural aspects of legal systems in the United States and abroad. Topics include: the genesis and history of law; law and its relation to other major social institutions; and current trends in law and the legal profession. *Prerequisite: Junior standing (SPRING-ODD YEAR).*

4043 Sociological Theory (3)

Study of the nature and growth of sociological theory with emphasis on contemporary American sociological theory and its applications. Includes an examination of the major currents in European and American thought making significant contributions to sociological theory. *Prerequisite: SOC 1003 or consent (FALL-EVEN YEAR).*

4053 Methods of Research (3)

An introduction to the use of the scientific method in social science research. Consideration is given to formulation of problems, techniques of gathering data, and presentation and interpretation of research. *Prerequisite: Junior standing and consent (FALL/SPRING).*

4063 Research and Writing Seminar (3)

This seminar develops research skills and writing skills appropriate to the respective disciplines. The activities of the seminar will culminate in a major research paper.

Prerequisite: Majors only; senior standing (SPRING).

4103 Criminal Law (3)

See CR7 4103.

4113 Ethics for the Social Sciences (3)

This course is designed to provide the student who is majoring in applied social sciences (psychology and sociology) with a grounding in ethical theory and the specifics of ethical provision of helping services, social science, and research.

4153 Criminalistics (3)

See CR7 4153.

488- Selected Topics in Sociology

May be repeated for credit with change of topic.

495- Cooperative Education: Sociology (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: At least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Independent Study in Sociology**DIAGNOSTIC MEDICAL SONOGRAPHY (SONO)**

3112 Introduction to Sonography and Patient Care (2)

This course provides the sonography student with an introduction to patient care and infection control, sonographic terminology, medical ethics and law. Students will also learn about proper ergonomics and prevention of work-related musculoskeletal disorders that are common to sonographers. *Prerequisite: Admission to program.*

3121 Abdominal Imaging 1 Lab (1)

Provides directed hands-on practical laboratory experience tied to previous and current coursework. Protocols, instrumentation and standard or modified scanning techniques are discussed and practiced in a laboratory setting. *Prerequisite: Admission to the program.*

3122 Abdominal Imaging 1 (2)

This course presents a detailed discussion of the anatomy/physiology, normal variants, and pathophysiology of abdominal structures imaged with ultrasound. Included are the liver, biliary system, pancreas, abdominal vasculature, spleen, and urinary tract. Normal and abnormal sonographic patterns are correlated with clinical and laboratory findings.

Prerequisite: Admission to the program.

3141 Vascular Imaging 1 Lab (1)

Provides directed hands-on practical laboratory experience tied to current coursework. Protocols, instrumentation and standard or modified scanning techniques are discussed and practiced in laboratory setting. *Prerequisite: Admission to the program.*

3142 Vascular Imaging 1 (2)

This course provides a detailed study of the vascular system, hemodynamics, and methods of study including pulsed wave Doppler, continuous wave Doppler, color Doppler imaging and power Doppler. *Prerequisite: Admission to the program.*

3162 Obstetrics and Gynecology 1 (2)

The course offers a detailed approach to the anatomy, physiology and pathology of the female reproductive system as well as the first trimester of pregnancy. Sonographic appearance of normal fetal anatomy and measurements is included. *Prerequisite: Admission to the program.*

3164 Ultrasound Physics and Instrumentation (4)

This class provides an understanding of acoustic physics as it is applied to diagnostic medical sonography. Topics covered include the principles of sound wave generation, interaction of sound and matter, beam characteristics, transducer design, bio effects, artifact recognition and Doppler principles. *Prerequisite: Admission to the program.*

3421 Abdominal Imaging 2 Lab (1)

Provides directed hands-on practical laboratory experience tied to current and previous coursework. Protocols, instrumentation, standard and modified scanning techniques are discussed and practiced in a laboratory setting. *Prerequisite: SONO 3121.*

3422 Abdominal Imaging 2 (2)

This course will present standard and modified approaches to scanning abdominal structures, small parts, and superficial structures. The anatomy and physiology, normal variants, pathology and pathophysiology of renals, adrenals, retroperitoneum, gastrointestinal tract, prostate, bladder, breasts, neck, scrotum, upper and lower extremities, miscellaneous structures, Doppler signals and interventional procedures are included. Normal and abnormal sonographic appearance is correlated with clinical finding with emphasis on recognition of immediate response situations. *Prerequisite: SONO 3122.*

3441 Vascular Imaging 2 Lab (1)

Provides directed hands-on practical laboratory experience tied to current coursework. Protocols, instrumentation, standard and modified scanning techniques are discussed and practiced in a laboratory setting. *Prerequisite: SONO 3141.*

3442 Vascular Imaging 2 (2)

This course is designed to familiarize the student with saphenous vein mapping, transcranial Doppler, volume pulse recording, segmental pressures, arterial bypass grafts, dialysis grafts and Greenfield filters. *Prerequisite: SONO 3142.*

3461 Obstetrics and Gynecology 2 Lab (1)

Provides directed hands-on practical laboratory experience tied to current and previous coursework. Protocols, instrumentation, standard and modified scanning techniques are discussed and practiced in a laboratory setting. *Prerequisite: SONO 3162.*

3462 Obstetrics and Gynecology 2 (2)

A continuation of SONO 3162. Anatomy, normal and abnormal variants, and physiology in the second and third trimesters are presented. Standard and modified scanning techniques are included. Doppler instrumentation and pathological conditions relating to obstetrics and gynecology are discussed correlating clinical, laboratory and sonographic findings. *Prerequisite: SONO 3162.*

3603 Introduction to Clinical Sonography (3)

This course provides directed hands-on practical clinical experience tied to previous and current course work. Students will be scanning with supervised assistance. The student will utilize proper scanning techniques to produce optimum studies with discussion of exam findings with supervising sonographers. *Prerequisite: Admission to the program.*

4012 Advanced Imaging (2)

This course provides an overview of the basic principles of scanning the pediatric patient, musculoskeletal sonography and interventional procedures. The anatomy and physiology, normal variants, pathology and pathophysiology of the neonatal brain, neonatal spine, pediatric gastrointestinal tract, infant hip, shoulder joint, knee joint, and ankle joint and interventional procedures will be included. The normal and abnormal sonographic appearance is correlated with clinical findings with emphasis on recognition of immediate response situations.

Prerequisite: SONO 3422.

4016 Clinical Sonography 1 (6)

This course provides an orientation to the clinical experience. The student, in a supervised setting, will progress to specific ultrasound scanning procedures including obtaining and evaluating subjective and objective data. The student will utilize proper scanning techniques to produce optimum studies with discussion of exam findings with supervising sonographers. *Prerequisite: SONO 3603.*

4026 Clinical Sonography 2 (6)

Students will continue to enhance knowledge and optimize scanning skills. Particular attention is given to improving scan acquisition time, extension of standard imaging protocols as required, correlation of laboratory and clinical data with sonographic appearance, and the recognition of case findings requiring an immediate response. Students will discuss exam findings with supervising sonographers and physicians. *Prerequisite: SONO 4016.*

4036 Clinical Sonography 3 (6)

The student will continue to enhance knowledge and optimize scanning skills. Particular attention is given to improving scan acquisition time, extension of standard imaging protocols as required, correlation of laboratory and clinical data with sonographic appearance, and the recognition of case findings with supervising sonographers and physicians.

Prerequisite: SONO 4026.

4041 Registry Review (1)

This is a capstone class with review of the sonography profession and professional organizations including the ARDMS examination. Mock registry exams will be given concerning the various modalities. *Prerequisite: Admission to the program.*

4046 Clinical Sonography 4 (6)

Students will continue to enhance knowledge and optimize scanning skills. At this time students should be scanning with very little assistance. They should be proficient with most sonographic modalities at a level consistent with their experience and instruction. Students will discuss exam findings with supervising sonographers and physicians. *Prerequisite: Admission to the program.*

4056 Clinical Sonography 5 (6)

Students will continue to enhance knowledge and optimize scanning skills. At this point they should be scanning with very little to no assistance. Proficiency should be demonstrated with most sonographic modalities at a level consistent with their experience and instruction. Students will discuss exam findings with supervising sonographers and physicians. *Prerequisite: SONO 4046.*

488- Selected Topics in Sonography

May be repeated for credit with change of topic.

499- Independent Study in Sonography

SPANISH (SPAN)

The study of languages is a humanizing and educational experience which seeks to develop skills of oral and written communication, to enrich the mind and spirit and arm it against prejudice, to facilitate contact between peoples of different languages and cultures, and to promote strengthening the consciousness of one's own culture. Career opportunities include Foreign Service, social service, education, and a wide variety of business careers desirous of bilingual persons.

1014 Elementary Spanish 1 (4)

Emphasis on pronunciation, grammar and conversation.

1024 Elementary Spanish 2 (4)

Study of grammar, reading, diction, and conversation. *Prerequisite: SPAN 1014 or proficiency exam.*

1115 Elementary Spanish 1 Abroad (5)

Co-taught with Newman faculty and cooperating language school faculty, an immersion based, intensive introduction to Spanish. Taught primarily in the target language, four skills: reading, writing, speaking, and listening comprehension will be developed, with grammar covering the present indicative, the formal imperative and introduction to the present subjunctive and present progressive. Short compositions, a final exam, a modified Oral Proficiency Interview and brief presentation will demonstrate mid-novice level proficiency or higher.

1125 Elementary Spanish 2 Abroad (5)

Co-taught with Newman faculty and cooperating language school faculty, the second half of an immersion-based, intensive introduction to Spanish. Taught primarily in the target language, four skills: reading, writing, speaking and listening comprehension will be developed, with grammar covering the preterit, the imperfect, present progressive, the informal imperative and some practice of the present subjunctive. Short compositions, a final exam, a modified Oral Proficiency Interview and short presentation will demonstrate high-novice proficiency or higher.

2014 Intermediate Spanish 1 (4)

Taught primarily in the target language, four skills: reading, writing, speaking and listening comprehension, will be developed, with grammar covering some comparisons of present indicative and present subjunctive moods, past progressive, past narrations and present perfect indicative and present perfect subjunctive. Students study and visit local sites or communities where Spanish is spoken. Short compositions, a final exam, a modified Oral Proficiency Interview and a short presentation will demonstrate low-intermediate proficiency.

2024 Intermediate Spanish 2 (4)

Taught primarily in the target language, four skills: reading, writing, speaking and listening comprehension will be developed, with grammar covering all the perfect tenses in both indicative and subjunctive forms, the future, and conditional. Students study and visit local sites or communities where Spanish is spoken. Short compositions, a final exam, a modified Oral Proficiency Interview and a short presentation will demonstrate low-intermediate proficiency.

2043 Spanish Conversation 1 (3)

In this course speaking and listening skills and conversational communication strategies will be developed. Entry and exit modified Oral Proficiency Interviews will demonstrate Spanish conversation skills at the low-intermediate level or higher. *Prerequisite: SPAN 2014.*

2053 Spanish Readings (3)

Selected readings and discussion in Spanish. *Prerequisite: SPAN 2043 or consent.*

2073 Spanish Conversation 2 (3)

In this course speaking and listening skills and conversational communication strategies will be developed. Entry and exit modified Oral Proficiency Interviews will demonstrate Spanish conversation skills at the mid-intermediate level or higher. *Prerequisite: SPAN 2043.*

2115 Intermediate Spanish 1 Abroad (5)

Co-taught with Newman faculty and cooperating language school faculty, an immersion-based, intensive intermediate Spanish course. Taught primarily in the target language, four skills: reading, writing, speaking and listening comprehension, will be developed, with grammar covering some comparisons of present indicative and present subjunctive moods, past progressive, past narrations and present perfect indicative and present perfect subjunctive. Short compositions, a final exam, a modified Oral Proficiency Interview and a short presentation will demonstrate low-intermediate proficiency.

2125 Intermediate Spanish 2 Abroad (5)

Co-taught with Newman faculty and cooperating language school faculty, an immersion-based, intensive intermediate Spanish course. Taught primarily in the target language, four skills: reading, writing, speaking and listening comprehension will be developed, with grammar covering all the perfect tenses in both indicative and subjunctive forms, the future, and conditional. Short compositions, a final exam, a modified Oral Proficiency Interview and a short presentation will demonstrate low-intermediate proficiency. In special cases, may be taken in conjunction with Intermediate Spanish I Abroad.

2143 Spanish Conversation 1 Abroad (3)

Weeks of immersion in country where target language is spoken, individual host family stays, lectures, excursions, films, and activities with host nationals provide constant and varying communication situations and practice. Available for students at the intermediate level or higher, entry and exit modified Oral Proficiency Interviews will demonstrate Spanish conversation skills at the low-intermediate level or higher.

2153 Intermediate Spanish Abroad for Medical Professionals (3)

Emphasis on health care professional and client communication, Kleinman's Explanatory Model, intercultural communication, cultural context and professional vocabulary. Students will make local site visits, serve with Sangre de Cristo health care project professionals and collaborate on community health projects. Students will demonstrate mid-intermediate communication skills through a mock patient interview and diagnosis.

288- Selected Topics in Spanish

May be repeated for credit with change of topic.

299- Workshop/Seminar in Spanish

May be repeated for credit with change of topic.

3012 Advanced Spanish (2)

Emphasis on oral expression, conversation and written composition.
Prerequisite: SPAN 2013 or consent.

3013 Spanish and Latin American Civilization and Culture (3)

A study of the history, geography, and culture of Spain and Latin America.
Prerequisite: SPAN 2024 or consent.

3033 Survey of Spanish Literature 1 (3)

Study of the development of Spanish literature from the major literary works of Spain beginning with the Poema Del Cid. *Prerequisite: Consent.*

3043 Survey of Spanish Literature 2 (3)

Continuation of SPAN 3033. *Prerequisite: SPAN 3033 or consent.*

3103 Introduction to Central America (3)

A pre-departure course focusing on the history, culture, and contemporary life in destination countries, and an introduction to intercultural communication and development, and cultural adaptation.

Prerequisite: admission to Guatemala Study and Serve program.

3143 Spanish Conversation 2 Abroad (3)

Weeks of immersion in country where target language is spoken, individual host family stays, lectures, excursions, films, and activities with host nationals provide constant and varying communication practice. Available for students at the intermediate level or higher, entry and exit modified Oral Proficiency Interviews will demonstrate Spanish conversation skills at the mid-intermediate level or higher.

3153 Advanced Spanish Abroad for Medical Professionals (3)

Emphasis on health care professional and client communication, Kleinman's Explanatory Model, intercultural communication, cultural context and professional vocabulary. Students will make local site visits, serve with Sangre de Cristo health care project professionals and collaborate on community health projects. Students will demonstrate high-intermediate/low-advanced communication skills through a mock patient interview and diagnosis.

388- Field Experience

On-site application of language skills in community outreach or study abroad. May be repeated for credit. *Prerequisite: SPAN 3013 or instructor consent.*

3893 Spanish Field Experience Abroad (3)

Volunteer work and cultural immersion where Spanish communication and appropriate cultural skills can be practiced. Students will write an analysis of their service and interactions in light of ASC mission and Spanish Department goals. *Prerequisite: admission to Guatemala Study and Serve program.*

399- Workshop/Seminar in Spanish

May be repeated for credit with change of topic.

4104 Central American Encounters (4)

Readings, lectures, site visits, composition, cultural immersion, and service on site in Central America. *Prerequisite: SPAN 3103.*

4143 Advanced Spanish Conversation Abroad (3)

Weeks of immersion in country where target language is spoken, individual host family stays, lectures, excursions, films, and activities with host nationals provide constant and varying communication practice. Available for students who have completed Intermediate Conversation courses, entry and exit modified Oral Proficiency Interviews will demonstrate Spanish conversation skills at the low-advanced level or higher.

488- Selected Topics in Spanish

May be repeated for credit with change of topic.

499- Independent Study in Spanish

THEATRE (THTR)

1043 Introduction to Theatre (3)

This course will blend a study of the world's greatest playwrights with an interactive approach to understanding the collaborative roles of actors, directors, designers, and playwrights in the development of theatre productions. The course will include: new play development, audition preparation, collaborative production meetings, rehearsal techniques, theatre history and the study of playwrights from the ancient Greeks to contemporary times.

1053 Acting 1 (3)

This course provides students with the knowledge of basic acting techniques that will include work on vocal skills, movement, and character development. The course uses a variety of techniques such as mime, improvisation, games, monologues and scenes designed to help students gain basic skills and confidence in their acting.

1063 Stagecraft (3)

This course provides students with an examination and application of basic theatre production techniques and practices, including scenic design and construction, lighting, sound, props selection and construction, costume history, and show control. Approximately three hours per week are required in lab/shop activities and practice. Stagecraft students will have opportunities to become a part of the technical teams for main stage productions.

1101 Theatre Laboratory (1)

This course is the laboratory application of basic/intermediate theatre production techniques, skills, and practices. Concurrent enrollment with THTR 1063, THTR 2103, or THTR 2133 is required. This course may be repeated for up to six (6) credit hours when taken with each of the above courses.

1103 Movement for the Actor (3)

Student actors will learn a variety of movement techniques that will enhance their physical expression and body language. They will become familiar with the methods and terminology of such techniques as Viewpoints, Alexander, Laban, mime, and dance. The course may include some choreographic elements as well.

2003 Voice and Diction (3)

See COMM 2003.

2053 Directing 1 (3)

In this course students will learn the fundamentals of directing by studying the history of the director from past to present and great directors of the 20th century. The course will focus on developing skills necessary in leading a production team and mounting plays. The focus will be on learning time management, organization, collaboration, and interpersonal leadership skills.

2103 Lighting and Sound for Theatre (3)

Students will study and employ the history, theory, principles, and techniques for configuring and operating lighting and sound reinforcement systems in a live performance environment. The course includes an examination of the physics of light and sound, the design process, and the interface between director, designer, stage manager, and system operator.

Prerequisite: THTR 1063.

2113 Creative Performance (3)

The course uses a variety of techniques such as mime, improvisation, games, and script work designed to help students gain interpersonal, problem solving skills and confidence. This course also explores performance techniques that will include vocal skills, movement, and character development. Students will devise new works using improvisation, music, and other skills.

THEATRE (THTR)

2133 Scenic Painting (3)

Students will learn, analyze, and practice traditional and modern techniques for creating visual textures and finishes for stage scenery and properties. Students will apply these techniques and skills in the theatre production shop/lab for department main stage productions. The course will include composition theory and the integration of additive and subtractive color systems.

2153 Stage Properties: Management & Fabrication (3)

Design, production and procurement of stage properties, managing and maintaining props inventories and props crews, interpreting designer drawings, script analysis, tracking and managing a props budget, assisting stage management/running crews with props cueing & staging.
Prerequisite: THTR 1063.

288- Selected Topics in Theatre

May be repeated for credit with change of topic.

299- Workshop/Seminar in Theatre

May be repeated for credit with change of topic.

300- Theatre Practicum (1-3)

This practical production experience is tied to a Theatre Department production and can include all aspects of theatre. Enrollment in this course can include opportunities for experience in acting, stage management, scene construction, set painting, costume construction, set, lighting, costume and sound design, publicity and house management. Participation in this course requires a time commitment of 12-15 hours a week during rehearsal and options for 1, 2, or 3 credit enrollment. This course may be repeated for a total of 12 hours credit. *Prerequisite: Instructor consent.*

3043 Theatre Management (3)

Students will learn various aspects of running a theatre company including stage management and house management. Students will have practical work experience on one or more productions.

3053 Acting 2 (3)

Building upon what students learned in Acting 1, this course will challenge the performers on a new level and will include improvisation, scene study, advanced movement, vocal techniques, and verse performance, including Shakespeare. The course may also include principles of stage combat, screen acting, or dialects. *Prerequisite: THTR 1053.*

3063 Acting for the Camera (3)

This class will be devoted to techniques, methods, and skills necessary for performing believably in television, film, and video mediums.

3073 Acting for the Stage and Screen (3)

The focus in this course will be on finding the truth in each character whether acting for the stage or screen. Time will be spent examining the differences between the two acting styles and students will work as part of a collaborative team to develop projects that can be performed live and posted on YouTube. Students will also work on techniques for personalizing text and circumstances in order to make a strong connection to each character and develop believable relationships. Students will learn the development of resumes, and audition materials they can use for theatre, film, and television.

3153 Lighting Design & Technology (3)

Students will analyze and practice the lighting design process from conception through execution, including document generation, show control technology, light plot construction, photometrics, additive color theory, and cueing. *Prerequisite: THTR 2103.*

3203 Dramatic Literature (3)

Students will study plays by such world greats as Sophocles, Shakespeare, Marlowe, Moliere, Schiller, Shaw, Ibsen, Pirandello, Williams, and Miller. The focus will be placed on setting, story, character, and language and will involve both discussion and dramatic readings of the works. The course will include literary criticism, research, and historic content.

3503 Playwriting (3)

Students will learn the basic techniques for constructing a new play. By using the experience of successful playwrights and by studying their works, students will learn to develop characters and structure plots around the central conflict. During the course, the students will write a ten-minute play and a one-act play.

3523 Sound Design for Theatre (3)

This course integrates basic acoustics, an examination of electronic audio processing components, period musical styles, psychoacoustics, and music selection. The course emphasizes live sound reinforcement and recording techniques applied to live performance.

Prerequisites: THTR 1063 and THTR 2103.

3553 Directing 2 (3)

Building on the work accomplished in Directing 1, students will develop organizational skills, as well as concept, staging, coaching actors, and collaborating with a design team. They will have opportunities to audition and direct student actors in independent projects. The course will culminate in the direction of a one-act play for a festival of one-acts. *Prerequisite: THTR 2053.*

3653 Theatre History (3)

This course will look at the history of theatre from the birth of the art form through modern times. Students will focus on active periods such as ancient Greece & Rome, medieval, early modern, restoration, romantic, modern, post-modern, musical theatre, and contemporary theatre. Students will research and write about the creation and historical impact of theatre. They will also examine dramatic literature as historical documents and gain insight into the culture and theatre of each time period.

3663 History of Costume (3)

This course explores the history of costume from antiquity to the present day. Clothing styles will be studied in depth and the historic factors that have influenced stylistic changes will be examined. This course will also examine the ethnic origins of costumes and how garments can be adapted for use on stage and in film. There will also be a hands-on portion of the course that may include work on a current production.

3673 Costuming for Theatre (3)

This course will cover the function of stage costumes, understanding the play and its characters, research, elements of design and the use of color, light, and line, developing a costume plan and organization, sketching, and the basic care of costumes and fabrics.

399- Workshop/Seminar in Theatre

May be repeated for credit with change of topic.

4013 Make-up for the Stage (3)

In this applied theatre course the student will employ color theory, anatomy, and composition principles in creating and executing basic corrective, age-specific, gender-specific, period, and special effects makeup designs. *Prerequisite: THTR 1063.*

THEOLOGY (THEO)

4053 Scenic Design (3)

The student of scenic design will learn to incorporate basic two- and three-dimensional composition principles, color theory, and a knowledge of stage construction methods and scenic painting techniques in creating scenic designs for dramatic and musical theatre. The course will include basic drafting (both “hand” and CAD), working within budget constraints, script analysis, and collaboration with directors and other designers. *Prerequisites: THTR 1043 and THTR 1063.*

4093 Musical Theatre Workshop (3)

This course is designed for the theatre major or for students who wish to pursue performance in the Musical Theatre realm. Students will learn the methods of song lyric, scene and character analysis through written work and performance presentation of Musical Theatre pieces. A historical study of American Musical Theatre will be taught and students will research and write about the historical aspect of shows examining trends and historical references. Students will build repertoire in all Musical Theatre styles for audition portfolios and work on audition techniques for success.

4103 Acting 3 (3)

This course will examine methods for playing the truth in each moment by incorporating Stanislavski’s concepts of the “magic if” in acting. The focus will be on a deep level of truth in each character and students will work as part of a collaborative team. Students will also work on techniques for personalizing text and circumstances in order to make a strong connection to each character, specific action, and develop believable relationships. Students are expected to exercise great imagination, bring detail to their acting, make truthful connections with acting partners, and develop an appreciation for the collaborative process.

4753 Professional Internship (3)

Students preparing to graduate and work in the field on a professional level can obtain a professional internship from a company as either a performer or technician. The total hours that the student works should be consistent with required hours in a regular 3 credit hour course. Fulfilling this requirement will allow the student to experience a professional work environment that includes being part of a creative team working with industry professionals to provide basic and advanced skills to further their career in the entertainment industry.

4793 Senior Capstone Project (3)

With faculty guidance the student will complete a senior level project in line with their academic focus. Capstone projects can include writing or directing a full length play, designing for or playing a lead role in a main stage production, performing a one-person show, managing a company or whatever challenge meets the student’s needs on a level that would help them transition to the professional world or graduate level. *Prerequisite: Senior Standing and faculty approval.*

488- Selected Topics in Theatre

May be repeated for credit with change of topic

499- Independent Study in Theatre

THEOLOGY (THEO)

Rooted in the Roman Catholic tradition, theology provides students with the opportunity to explore the meaning and implications of a faith commitment. Students are challenged to examine the various components of faith such as Scripture, Sacraments, and Church, as well as the requirements of Christian discipleship. This faith relationship is explored in terms of the moral qualities of life consonant with it. The theology major provides the student with an in-depth but flexible course of study.

Within the context of theology, the pastoral ministry major explores the baptismal obligation to ministry and service incumbent upon all Christians. This major prepares students for careers in ministry to youth, liturgical ministry, or religious education ministry.

1003 Introduction to Old Testament (3)

A study of the law, prophets, historical books, and wisdom literature of the Old Testament using analytical methods of contemporary scholarship. Each book will be studied within its own socio-political and cultural context, as a product of the Jewish faith community and expression of Yahweh's revelation (*FALL/SPRING*). *This course is ideal for those who have some familiarity with the Bible.*

1013 Introduction to New Testament (3)

This course focuses on the literature, theology and history of the New Testament. Students will explore questions of authorship and critical methods of biblical interpretation from within the perspective of faith. Jesus' question, addressed to his disciples, "Who do you say that I am?" provides the theological center of New Testament studies and the grounding for Christology, Ecclesiology and Morality (*FALL/SPRING*).

This course is ideal for those who have some familiarity with the Bible.

1033 Exploring the Bible (3)

This course prepares students to effectively use the Bible in future coursework and in everyday life. In addition to learning about the structure and content of the Bible, students will practice a variety of interpretive approaches and will learn how to critically assess claims about the Bible's meaning and application today.

1043 Catholic Doctrine and the Sacraments (3)

This course, rooted in Sacred Scripture and Tradition, introduces students to the foundational teachings of the Catholic Church, along with its sacramental theology. Since the questions, "Why do Catholics believe this?" and "Why do Catholics do that?" are often asked in our world today, this course allows students to explore Catholic doctrine in such a way as to enable them to answer such questions, as well as to find new meaning in their own lives of faith.

2023 Theology of the Church (3)

A study of the nature of the Church as it has been understood through the centuries. The course begins with the New Testament, progresses through the Fathers of the Church, examines the ecclesiology of Vatican II and concludes with a study of post-Vatican II theologies of the Church (*FALL-ODD YEAR*).

2043 The Catholic Imagination (3)

The meeting of the divine and mundane in the sacraments is at the heart of the Catholic faith but that Incarnational truth extends far beyond the church doors. This course will explore the Catholic view of the world and the spiritual value and significance of creation as a whole: from food and drink, to marriage and family, to art and work. Students will gain an understanding of Catholicism as a comprehensive worldview and not simply as a set of religious beliefs or practices.

288- Selected Topics in Theology

May be repeated for credit with change of topic. *Prerequisite: Any 1000 level theology course.*

299- Workshop/Seminar in Theology

May be repeated for credit with change of topic.

3001 Theology Tutorial (1)

During their coursework, Theology majors meet regularly with an instructor to discuss how courses within the major and in other disciplines can be integrated into a coherent educational program. Students will also discuss various research methods, aspects of the field not covered in other coursework, and topics of individual interest. May be repeated for credit.

3003 Christian Morality and Social Issues (3)

A study of basic Christian beliefs about the origin, destiny and meaning of the person, the nature of Christian life as the fundamental commitment to follow Christ, and the moral principles that flow from this. Students will explore the importance of moral “self-determination” through free choices and will explore how appropriate moral choices are made within the Christian faith commitment. Contemporary moral issues will be studied and analyzed from a Christian perspective. (*Open to Pastoral Ministry students only*).

3013 Story of the Church (3)

This course will introduce students to the ongoing drama of Catholic history. Rather than offering a comprehensive survey, the emphasis is on immersion in the big ideas, passions, and historical details that shape the Church through the centuries. In addition to engagement with primary sources, the course will integrate material from a variety of disciplines, including literature, art, philosophy, the sciences, and others.

3053 Sacramental Theology (3)

A consideration of the Church community as Sacrament—sign and cause—of Christ in the world today. Notions to be explored in this class include an understanding and appreciation of sacramentality, religious ritual and symbol. These understandings will provide the basis for an in-depth reflection on the seven sacramental actions of the Church from both an historical and contemporary point of view (*SPRING-ODD YEAR*).

3083 Virtues and Vices (3)

This course addresses Catholic ethics through the framework of the classic virtues and vices. In addition to introducing natural law and biblical ethics, the course will engage with a variety of other disciplines, e.g., literature, film, art, psychology and economics. Students will leave the course with an understanding of Catholic ethics, its relation to other ethical systems, how it applies to contemporary controversies, and its role in everyday decision making.

3553 Explorations in Scripture (3)

An in-depth examination of specific topics in Scripture such as Biblical Spirituality, Apocalyptic Literature, Wisdom Literature, the Resurrection, Biblical Eschatology. May be repeated for credit with change of topic.

399- Workshop/Seminar in Theology

May be repeated for credit with change of topic.

4001 Introduction to Spiritual Direction 1 (1)

First course in a two course sequence which focuses on integration of personal spirituality with lived experience as well as awareness of the centrality of the contemplative dimension in direction, while introducing skills necessary for spiritual direction. Prerequisite: Completion of Spiritual Exercises of St. Ignatius
(*This course is offered only for the Pastoral Ministry major in Oklahoma*).

4002 Introduction to Spiritual Direction 2 (2)

Continuation of THEO 4001.

4003 Christology (3)

As the prerequisite course for all others in systematics, Christology aims to investigate the answers given in scripture and ecclesial tradition to Jesus’ question, “Who do you say that I am?” Beginning with Gospel Christologies and tracing developments in Christological doctrine through the Councils of Nicaea and Chalcedon, St. Anselm, St. Thomas Aquinas, the Reformation, Trent, the Enlightenment, and Vatican II, the course will give students a firm foundation for examining recent Christological proposals found among today’s leading theologians. Emphasis is given to seeing Christian belief, worship, and moral practice as having its ground and legitimacy in the Church’s fundamental Christological convictions (*FALL-EVEN YEAR*).

4023 Theology and Methods of Ministry (3)

This course offers a foundational theology of ministry rooted in Baptism. Particular focus will be given to the role of the laity in ministry and various types of ministry will be explored. This course provides experience and formation to enable the student to learn a variety of ministerial skills.

4053 The Creeds and Faith (3)

A study of the Catholic community's endeavors to adequately articulate and systematize its beliefs through the centuries. Sociological, political and theological factors which contributed to particular historical and contemporary creedal statements, as well as the implications of those statements, will be considered (*SPRING-EVEN YEAR*).

4063 A Faith To Die For (3)

This course will develop an understanding of the moral life shaped by the paschal mystery: Christ has died, Christ has risen, Christ will come again. The initial exploration will be through an examination of Catholic belief and practices (Scripture, liturgy, sacraments, creed) as lived through the example of saints and martyrs within the tradition who lived out the gospel paradox, "whoever seeks to preserve one's life will lose it, but whoever loses it will save it." These witnesses attest to the fact that the challenge of living out the radical demands of the gospel is at the same time deeply attractive. Ultimately it is only through embracing a faith to die for that we can discover a life worth living.

4073 Catholic Thinkers, Writers and Artists (3)

"Every genuine artistic intuition goes beyond what the senses perceive and, reaching beneath reality's surface, strives to interpret its hidden mystery. The intuition itself springs from the depths of the human soul, where the desire to give meaning to one's own life is joined by the fleeting vision of beauty and of the mysterious unity of things." (Letter to Artists, John Paul II) Choosing a specific topic or persons (for instance: Augustine, Teresa of Avila, J.H. Newman, G.K. Chesterton, Flannery O'Connor, Dorothy Day, Thomas Merton, Fra Angelico, Michelangelo), this course will consider themes and symbols of a Catholic worldview as expressed in the works of various thinkers, writers, and artists who explore the true, the good, and the beautiful, as well as the mystery of iniquity and the problem of suffering through art, music, film, or literature.

4101 Spiritual Classics 1 (1)

First course in a two course sequence with readings which span over 1600 years in order to provide understanding of the spiritual journey across time, culture and personalities. Works such as those of Augustine, Hildegard of Bingen, Richard of St. Victor, Teresa of Avila, John of the Cross, Ignatius of Loyola, Thomas Merton, Thomas Kelly, are among those studied. Methods of reading the variety of these spiritual classics is emphasized throughout the course. Discussion is done in light of the elements of the spiritual direction ministry (*This course is offered only for the Pastoral Ministry major in Oklahoma*).

4102 Spiritual Classics 2 (2)

Continuation of THEO 4101.

4203 Spiritual Direction Practicum 1 (3)

First course in a two course sequence which is a learning and discerning process within one's formation for the ministry of spiritual direction. Course includes instruction, supervision in spiritual direction, journaling, verbatims, and peer presentation. *Prerequisites: THEO 4001 and THEO 4002 (This course is offered only for the Pastoral Ministry major in Oklahoma).*

4213 Spiritual Direction Practicum 2 (3)

Continuation of THEO 4203.

4302 Spiritual Direction Practicum 3 (2)

First course in a two course sequence which continues the learning and discerning process of Spiritual Direction Practicum 1 and 2. Its aim is personal and ministerial integration in the ministry of spiritual direction. *Prerequisites: THEO 4203 and THEO 4213 (This course is offered only for the Pastoral Ministry major in Oklahoma).*

4312 Spiritual Direction Practicum 4 (2)

Continuation of THEO 4302.

4701 Portfolio Review (1)

This capstone class for the Theology major provides the opportunity for students to evaluate the program and their performance in it. Students will attend semester meetings with the Theology faculty, write a reflective paper on their program of study, and assemble a representative sample of their research and writing from their required Theology courses. Additionally, students will prepare a professional dossier suited to their career and/or graduate study ambitions. *Prerequisite: Senior Standing*

4703 Senior Thesis (3)

A guided reading and research project of the student's choice culminating in a formal academic paper of some length and substance. This course will serve as a capstone for the Theology concentration requiring that the student demonstrate the ability to integrate and synthesize content from the three primary areas of Scripture, doctrine, and morality while also demonstrating the capacity for sustained and focused research, and the ability to write clearly and effectively within the discipline of theology.

4713 Practicum (3)

A course designed to provide experience in various ministries of the Church (Liturgical Ministry, Religious Education Ministry, and Youth Ministry). THEO 495- Cooperative Education: *Theology may be substituted for this course with consent.*

488- Sel. Topics in Theology

May be repeated for credit with change of topic

495- Cooperative Education: Theology (1-3)

A course in which students work in a position related to their major, thereby giving them the opportunity to integrate theory with practical experience. In addition to the work experience, course requirements include attending workshops and completing projects assigned by the faculty coordinator. Individualized programs must be formulated in consultation with and approved by the faculty coordinator and the appropriate Cooperative Education coordinator. May be repeated for credit with change of agency or topic. *Prerequisite: At least junior standing and consent of faculty coordinator and appropriate Cooperative Education coordinator.*

499- Indep. Study in Theology

Consistent with the mission of Newman University, the Graduate Studies Program seeks to prepare students for service to humanity, community and profession. Graduate programs build upon the foundation of undergraduate education to empower learners to achieve intellectually, ethically and professionally through programs that stress scholarship, leadership and Judeo-Christian values.

PERSONNEL

BOARD OF TRUSTEES

Betty Adams, ASC, '66, '10

Donette Alonzo, '88

Teresa Hall Bartels, '10
Interim President

Lori Bengé '13

Vicki Bergkamp, ASC '72

David Borho, '11, '01

Michael Bukaty

Yolanda Camarena

John Carney, '75

Marcelo Casenove, '13

Mary Catherine Clark, ASC

Rev. Frank Coady

Diana Crook, '85

Patrick Do

Raymond Dondlinger, '05

Elaine Freund, ASC

Wendy Glick

Kathleen Jagger
President

Gerry Killeen, '69

J.T. Klaus, '87
Chair of the Board

Patricia Koehler

Jennifer Magaña

Ron Rabe, '96
Vice Chair of the Board

Jan Renz, ASC

Thomas Schulz, '87

Jason Searl

Rev. Michael Simone

Diana Stanley '17

Jennifer Stone '93

Rev. Tom Welk, CPPS

Susan Welsby, ASC, '73

Alice Wiggins, '85, '12

Brad Yaeger

**ADORERS OF THE
BLOOD OF CHRIST**
– **United States Region**

Vicki Bergkamp, ASC
Region Leader

Mary Catherine Clark, ASC
Councilor

Maria Hughes, ASC
Councilor

Angela Laquet, ASC
Councilor/Secretary

Janet McCann, ASC
Councilor

Jan Renz, ASC
Treasurer

PRESIDENT'S CABINET

Teresa Hall Bartels
Interim President

Kathleen S. Jagger, Ph.D., MPH
President

Anthony B. Beata, B.S.A.
Vice President for Finance and Administration

Paul Carney, Ph.D.
Interim Vice President for Enrollment Management

Kimberly McDowall Long, Ph.D.
Provost and Vice President for Academic Affairs

Joanna Pryor, M.S.Ed.
Director of Athletics

Charlotte Rohrbach, ASC, Ph.D.
Director of Mission Effectiveness

Clark Schafer, B.S.
Director of University Relations

Christine Schneikart-Luebbe, M.Ed.
Dean of Students

ADMINISTRATIVE DIRECTORS

Deacon Chuck Ashburn, M.A.
Assistant Vocation Director, Development and
Academic Advising, Little Rock, AR

Case Bell, M.S.
Director of Equitable Access & International
Student Services

Morris Floyd
Director of Safety and Security

Jason Fugikawa, Ph.D.
Director for Christian Leadership Development,
Oklahoma City, OK

Lori Gibbon, M.A.
Registrar

William Graves, M.A.
Director of Institutional Research

Diana Griblin, M.B.A.
Controller

Steve Hamersky, M.L.S.
Library Director

Melody Head, M.A.
Admin of Runway Learning Center, Director of
Career Services

Cammie Kennedy, B.S.
Director of Admissions

Richard Meloche, Ph.D.
Director of Pastoral Ministries, Tulsa, OK

Scott Mudloff, M.S. Ed.
Director of Residence Life

Myra Pfannenstiel
Director of Financial Aid

Jason Pool, M.B.A.
Director of Human Resources

Charlotte Rohrbach, ASC, Ph.D.
Director of Mission Effectiveness

Shirley Rueb, B.S.
Registrar Emerita

Bruce Sanderson, B.A.
Director of Facilities

Clark Schafer, B.S.
Director of University Relations

Christine Schneikart-Luebbe, M.Ed.
Dean of Students

Joseph Shepard, M.P.A.

Director of Multicultural Engagement and
Campus Life

Coleen Stein, B.S.
Director of Pastoral Ministries, Dodge City, KS

Icer Vaughan, B.A.
Chief Information Officer

Larry Williams, M.B.A.
Bookstore Manager

DEANS

Cameron B. Carlson, Ed.D.
Dean of the School of Education and Social Work

Jill Fort, Ph.D.
Dean of the School of Business

Rev. Joseph Gile, S.T.D.
Dean of the School of Catholic Studies

Lorraine Steiner, Ph.D.
Dean of the School of Arts and Sciences

FACULTY

Mallory Arellano, M.S.Ed., Assistant Professor of Education
B.S., Northwest Missouri State University; M.S., Fort Hays State University; M.S.Ed., Newman University

Jordan Bani, Ph.D., Professor of Management Information Systems
B.A., Yarmouk University; M.M.I.S. Friends University; Ph.D. Capella University

Kristi Barton Edwards, J.D., Assistant Professor of Criminal Justice
B.A., Truman State University; J.D., University of Kansas

Jessica Bird, M.S., Associate Professor of Education and
Assistant Dean for Nontraditional Outreach Programs
B.S.Ed., M.S., Fort Hays State University

Sonja Bontrager, M.A., Assistant Professor of Spanish
B.A., Goshen College; M.A., Wichita State University

Michael Bradley, Ph.D., Professor of Biology
B.A., M.A., University of the Pacific; Ph.D., University of Southern California

John Brungardt, Ph.D., Assistant Professor of Philosophy
B.A., Thomas Aquinas College; L.P., Ph.D., The Catholic University of America

John Burke, Ph.D., Assistant Professor of Education
B.A., DePauw University; M.S., University of Arizona; Ph.D., Kansas State University

Adrienne Canno, M.S.W., Assistant Professor of Social Work
and Director of Field Education
A.A., Pikes Peak Community College; B.S.W., Colorado State University-Pueblo; M.S.W., Newman
University

Cameron B. Carlson, Ed.D. Associate Professor of Education and
Dean of the School of Education and Social Work
B.A., M.E.A.S., Ed.D. Wichita State University

David Cochran, Ph.D., Associate Professor of Business
B.A., Oklahoma Baptist University; M.A., Southwestern Baptist Theological Seminary; Ph.D.,
Indiana University

Timothy Cho, M.S. Assistant Professor of Respiratory Care and Director of Clinical
Education of the Respiratory Care Program
A.S.H.S. Newman University; B.A., M.S. Northwestern University; R.R.T. University of Cincinnati College of
Medicine

Megan Cook, D.N.A.P., M.S.N.A., Associate Professor of the CRNA Program and
Assistant Director/Clinical Director of the CRNA Program; D.N.A.P., Texas Wesleyan
University
B.S.N., Wichita State University; M.S.N.A., Newman University

Susan Crane-Laracuente, Ph.D., Associate Professor of English
B.A., State University of New York at Geneseo; Ph.D., State University of New York at Stony Brook

Audrey Curtis Hane, Ph.D., Professor of Communication
B.A., M.A., Ph.D., University of Kansas

Nancy Dahlinger, M.S.Ed., Associate Professor of Occupational Therapy
and Director of the Occupational Therapy Assistant Program
B.S., University of Kansas; M.S.Ed., Newman University

Bryan Dietrich, Ph.D., Professor of English and Chair of the Division of Arts and
Letters

B.A., University of Science and Arts of Oklahoma;

M.P.W., University of Southern California; Ph.D., University of North Texas

Michael Duxler, Ph.D., Associate Professor of Social Work

B.S., Illinois State University; M.S.S.W., Ph.D., University of Texas at Arlington

Brian Epperson, Ph.D., Professor of Management

B.A., Northeastern State University; M.A., Oklahoma State University; Ph.D., University of Oklahoma

Amy Evans, B.A., Instructor of Radiologic Technology and Clinical Coordinator of Radiologic Technology Program

A.S., Hutchinson Community College; B.A., Kansas Wesleyan University

Sarah Evans, Ph.D., Professor of Biology

B.S., University of California; Ph.D., Ohio State University

Sherry Ewing, B.B.A., Instructor of Radiologic Technology and Clinical Coordinator of the Radiologic Technology Program

A.S.H.S., Newman University; B.B.A., Friends University

Joan Felts, Ph.D., Professor Emerita (Nursing)

B.S.N.Ed., St. Mary College; M.Ed., Ed.S., Wichita State University; Ph.D., Kansas State University

Jamey Findling, Ph.D., Associate Professor of Philosophy

B.A., Rice University; M.A., Ph.D., Villanova University

Jill Fort, Ph.D., Professor of Criminal Justice and Dean of the School of Business

B.S., M.A., Wichita State University; Ph.D., University of Nebraska at Omaha

Christopher Fox, Ph.D., Associate Professor of Philosophy

B.A., Seattle University; Ph.D., University of Memphis

Max Frazier, Ed.D. Associate Professor of Secondary Education

B.S.Ed., University of Kansas; M.Ed., Wichita State University; Ed.D. Kansas State University

Rev. Joseph Gile, S.T.D., Associate Professor of Theology and Dean of The School of Catholic Studies

B.G.S., Wichita State University; M.Div., Pontifical College Josephinum;

S.T.D., Pontifical Gregorian University

Cheryl L. Golden, Ph.D., Professor of History and Director of International Studies

B.A., M.A., University of Houston; Ph.D. University of North Carolina at Chapel Hill

Natalie Grant, Ed.D., Assistant Professor of Social Work

B.G.S, B.S.W., M.S.W., M.A., Ed.D., Wichita State University

Rev. Adam Grelinger, M.T., Assistant Professor of Theology, Chaplain, and Director of Campus Ministry

B.S., Newman University; M.Div., M.A.T., Mount St. Mary's Seminary

Steve Hamersky, M.L.I.S., Assistant Professor and Library Director

B.A., Wichita State University; M.L.I.S., University of Oklahoma

Tiko Hardy, Psy.D., Assistant Professor of Social Work

A.A., Heartland Community College; B.S.W., Metropolitan State University of Denver; Psy.D., University of Rockies

Jeanie Harris, M.S.N., Assistant Professor of Nursing

B.S.N., M.S.N., Wichita State University

C. Laurence Heck, Ph.D., Professor Emeritus (Sociology)

B.A., M.A., Wichita State University; Ph.D., University of Southern California

Amelia Hopper, M.S.N., Assistant Professor of Nursing

B.S.N., M.S.N., Mount Mercy University

Janell Houk, M.Ed., Instructor of Education

PERSONNEL

B.S., M.Ed., Pittsburg State University

Ryan Huschka, Ph.D., Associate Professor of Chemistry

B.S., Newman University; M.A., Ph.D., Rice University

Sara Huter, M.B.A., Assistant Professor

B.S., Kansas State University, M.B.A.; Texas A&M University

Yelando Johnson, Ed.D. Assistant Professor of Social Work and

Director of the Bachelor of Social Work Program

B.S.W., Southern University; M.S.W., M.B.A., Newman University; Ed.D. Wichita State University

Shannon Johnston, M.F.A.,

Assistant Professor of Art, Director of the Steckline Gallery.

B.A., Bellhaven University; M.F.A. Wichita State University

Jennifer Jones, M.S.W., Instructor of Social Work

B.A., Wichita State University; M.S.W, Newman University

Stacy Jones, Ph.D., Professor of Biology

B.S., Southern Nazarene University; Ph.D., University of Oklahoma

Janet Jump, M.Ed., Assistant Professor of Education

B.S., B.Ed., M.Ed., Wichita State University

Nancy Lugo-Baez, D.N.P., Assistant Professor of Nursing

A.S.N., Newman University; B.S.N., Southwestern College; M.S.N., Fort Hays State University; D.N.P., American Sentinel University

Mark Mannette, M.F.A, Associate Professor of Theatre and Director of Theatre

A.A., Dean College; B.F.A., University of Bridgeport; M.A., M.F.A., Mary Baldwin College

John McCormick, Ph.D., Professor of Theology

B.A., Franciscan University of Steubenville College of Ohio; M.A., Ph.D., Duquesne University; M.B.A., Newman University

Robert J. McElroy, J.D., Associate Professor of Business Law
and International Business

B.A., Friends University; M.B.A., University of Kansas; J.D., Washburn University

Kelly McFall, Ph.D., Professor of History and Chair of the Division of Humanities

B.A., Michigan State University; M.A., Ph.D., Ohio State University

Jeskan McGovern, B.S., Instructor of Radiologic Technology and

Clinical Coordinator of the Radiologic Technology Program

A.S., Century College; B.S., Fort Hays State University

Scott McIntosh, M.A., Assistant Professor of Business

B.A., University of Kansas; M.A., Naval Postgraduate School

Joan C. Melzer, Associate Professor of Nursing

B.A., Kansas Newman College; M.S., Kansas State University; M.N., Wichita State University

Charles Merrifield, Ph.D., Professor Emeritus (Psychology)

B.S., Oklahoma State University; M.A., Wichita State University; Ph.D., Oklahoma State University

Patrick Nance, M.B.A., Associate Professor of Accountancy

B.S., M.B.A., Newman University

Rosemary Niedens, M.A., Assistant Professor and Associate Vice President for
Academic Affairs

B.A., M.A., Wichita State University

Kathryn Nelson, M.Ed., Assistant Professor of Education

B.A.E., M.Ed., Wichita State University

Alan Oberley, M.S., Associate Professor of Chemistry
B.S., St. Mary of the Plains College; B.S., Kansas State University; M.S., Emporia State University

Susan Orsbon, M.A., Associate Professor of Biology
B.A., M.A., Wichita State University

Stephen J. Palubicki, Ph.D., Professor Emeritus (Biology)
B.A., St. Mary's College; M.S., Ph.D., University of Minnesota

Joshua Papsdorf, Ph.D., Associate Professor of Theology, Director of Graduate Theology Programs and Director of the Gerber Institute
B.A., Dartmouth College; M.A., Boston College; Ph.D., Fordham University

Jeanette Parker, M.L.S., Assistant Professor
B.S., Barclay College; M.L.S., Emporia State University; M.A., Friends University

Carole Pracht, B.A., Instructor of Arts and Humanities
B.A., Kansas Newman College

Marguerite Regan, Ph.D., Associate Professor of English
B.A., M.Ed., University of Illinois at Urbana-Champaign; M.A., Ph.D., University of Arkansas

Charlotte Rohrbach, ASC, Ph.D., Professor Emerita (History)
B.S.Ed., Sacred Heart College; M.A., Creighton University; Ph.D., St. Louis University

Melissa Romaneschi, M.H.C.L., Assistant Professor of Nursing
B.S.N., Newman University; M.H.C.L., Friends University

Duncan Rose, Ed.D. Professor Emeritus (Counseling)
B.A., Macalester College; M.A., Webster University; Ed.D. Argosy University of Sarasota

Tarcisia Roths, ASC, Ph.D., Professor Emerita (History)
B.S.Ed., Sacred Heart College; Ph.D., St. Louis University

Wendy Sahatjian, Ed.D., Associate Professor of Marketing and Management
B.A., M.B.A., Wichita State University; Ed.D., Oklahoma State University

Laura Scholl, M.S.V.S., Assistant Professor of Graphic Design and Digital Art
B.F.A., University of Massachusetts; M.S.V.S., Massachusetts Institute of Technology

Jesse Sealey, Ed.D.,
Associate Professor of Education and Director of Graduate Education program
B.A. Mount Mary College, M.A. Dakota Wesleyan University, Ed.D. University of South Dakota

Ann-Michelle Sherman, M.S.N., Assistant Professor of Nursing
B.S.N., University of Kansas; M.S.N., Wichita State University

David Shubert, Ph.D., Professor of Chemistry and Director of Assessment
B.S., Fort Hays State University; Ph.D., University of Colorado

Surendra Pratap Singh, Ph.D., Professor Emeritus (Biology)
B.Sc., M.Sc., Agra University, India; M.S., New Mexico State University; Ph.D., University of New Mexico

Gregory B. Smith, Ph.D., Professor of Psychology
B.S., Vanderbilt University; M.A., Ph.D., Ohio State University

Melissa Smith, Instructor of Occupational Therapy and Academic Fieldwork Coordinator
B.S., University of Kansas

Barbara Sponsel, Ph.D., Professor of Mathematics
B.A., M.S., Wichita State University; Ph.D., Kansas State University

Lorraine Steiner, Ph.D., Associate Professor of Mathematics and Dean of the School of Arts and Sciences

PERSONNEL

B.S., Wichita State University; M.A., University of Kansas; Ph.D., Kansas State University

Larry Straub, D.M., Associate Professor of Management

B.G.S., M.S., Fort Hays State University; MBA, Friends University; O.P.M., Harvard Business School; D.M., Case Western Reserve University

Debbie Strickert, M.N., Associate Professor of Nursing

B.S.N., M.N., Wichita State University

Matthew Umbarger, Ph.D., Associate Professor of Theology

B.Th., Ozark Christian College; M.A., Ph.D., Ben-Gurion University of the Negev;
M.A.T., Newman University

Jeffery Vaughn, M.S., Assistant Professor of Radiologic Technology;
and Director of the Radiologic Technology Program

B.S., Jacksonville State University; M.S. Troy State University

Teresa Vetter, M.S.N., Assistant Professor of Nursing and Director of Nursing

B.S.N., M.S.N., Wichita State University

John D. Vogt, M.S., Associate Professor of Decision Sciences and
Information Technology and Chair of the Division of Science and Math

B.S., Emporia State University; M.S., Kansas State University

Margaret-Ann Wagner, M.S., Assistant Professor of Respiratory Care
and Director of the Respiratory Care Program

B.S., University of Kansas; M.S., Northeastern University

Brooke Ward, B.S., Instructor of Sonography and

Director of the Diagnostic Medical Sonography Program

A.S.H.S., B.S., Newman University

Jane Weilert, Ed.D., Professor Emeritus (Nursing) B.A., St. Louis University; B.S.N., St. Mary
of the Plains College; M.N., University of Kansas; M.P.H., University of Oklahoma; Ed.D., Oklahoma State
University

Huachuan Wen, Ed.D. Associate Professor of Education

B.A., M.A., Shenyang Normal University; Ed.D., Indiana University of Pennsylvania

Teresa Wilkerson, M.A., Assistant Professor of Business and
Assistant Dean of Adult Studies

B.A., Friends University; M.A., Wichita State University

LeAnn Wittman, Assistant Professor of Social Work

B.S.W., M.S.W., University of Missouri - Columbia; Ph.D., University of Kansas

Deanna Zitterkopf, Ph.D., Professor Emerita (English)

B.A., Kansas State University; M.A., Ph.D., University of Maryland

Deanne Zogleman, B.M.E., Instructor of Music and Director of Choral Music

B.M.E., Emporia State University

INDEX

Academic and Student Support Services.....	13	Double Majors.....	37
Academic Honors.....	35	Dual Degree Programs.....	49
Academic Load.....	40	Economics.....	101
Academic Year.....	38	Education (Early Childhood Unified).....	61, 102
Accounting.....	55, 74	(Elementary).....	62
Accreditation.....	1	(Secondary).....	62
Administrative Directors.....	175	Employment, Student.....	23
Admissions.....	9	English.....	110
Advanced Placement.....	36	Entrepreneurship.....	62
Advanced Standing Program.....	36, 49	Ethics Code.....	42
Advising (Academic).....	36	Exceptions /Appeals Process.....	47
Americans with Disabilities Act (ADA).....	7	Expenses.....	17
Anthropology.....	75	Experiential Learning.....	38
Appeal Process for Academic Programs.....	43	Family Educational Rights and Privacy Act.....	41
Art.....	55, 76	Finance.....	62
Associate's Degrees.....	52	Financial Aid.....	21
Audit Courses.....	40	Fine Arts.....	114
Biochemistry.....	56	General Education Requirements.....	32
Biology.....	56, 81	General Studies.....	114
Biomedical Science.....	58	Goals for Baccalaureate Graduates.....	29
Board of Trustees.....	174	Grade Appeal Policy/Process.....	43
Business and Strategic Intelligence.....	59, 89	Grade Change Deadline.....	45
Business Communication.....	59	Graduation Honors.....	35
Business (Undergraduate).....	86	Graduation Rate.....	36
Campus Ministry.....	15	Guest Student Admission.....	10
Campus Organizations and Clubs.....	15	Health Insurance.....	16
Chemistry.....	59	History.....	116
Choral Music.....	60	History of Newman University.....	7
Class Attendance.....	36	Honor Code.....	5
Classification of Students.....	40	Honors Program.....	35, 121
CLEP.....	36	Humanities.....	122
Communication.....	61, 96	Information Technology.....	63, 123
Comprehensive Grant.....	24	Intercollegiate Athletics.....	13
Computed Tomography.....	63	Interdisciplinary Studies.....	63
Confidentiality of Information.....	41	International Applicants.....	10
Continuing Education Units (CEU).....	51	International Studies.....	64
Cooperative Education.....	49	International Study Program.....	123
Cooperative Program with Friends University.....	37	Liberal Studies.....	64
Core Values.....	4	Location.....	8
Credit.....	38	Management.....	64
Credit by Examination.....	37	Management Information Systems.....	64
Credit Hour Policy.....	39	Mathematics.....	65, 125
Criminal Justice.....	61, 99	Midterm Reports.....	42
DANTES Exams.....	37	Military TDY.....	51
Dean's List.....	35	Mission of the University.....	4
Degree, Application for.....	41	Music.....	128
D Grade in Major Courses.....	43	Navigator.....	128

Newman Code	5	Theology (Undergraduate)	168
Newman Studies Program	30, 131	Transcripts	41
Nondiscriminatory Policy	7	Transfer Admission	10
Number of Majors and Minors	37	Transfer Credit	38
Nursing	65	Tuition and Fees	17
Occupational Therapy Assistant	66, 136	Voter Registration	16
Organizational Leadership (Undergraduate)	66	Withdrawals	40
Organizations	15		
Outreach Sites	50		
Pastoral Ministry	66		
Personal Development Courses	37		
Philosophy	67, 139		
Placement Examinations	36		
Political Science	145		
Predental Program	53		
Prelaw Program	53, 67		
Premedical Program	53		
Preprofessional Curricula	53		
Probation/Suspension Policies	45		
Proficiency Examination Program (PEP)	37		
Psychology	68, 146		
Radiologic Technology	68, 148		
Refunds	19		
Registration	40		
Requirements for Degrees, Associate, Baccalaureate, General	52		
Requirements, Majors and Minors	54		
Residence Life	13		
Resident Credit	38		
Respiratory Care	68, 151		
Returning Students	9		
Scholars Day	34		
Second Bachelor's Degree	34		
Service Learning	14		
Service Option	50		
Social Work (Undergraduate)	68, 153		
Sociology	69, 156		
Sonography	69		
Spanish	162		
Sports Communication	69		
Sports Medicine	70, 81		
Statistics, Applied	70		
Student Center	16		
Student Classification	40		
Student Loans	23, 27		
Teacher Education	62, 103		
Theatre	70		

2020 FALL DATES

16-week semester

Sunday Aug. 23 - Saturday Dec. 12, 2020

Weekday Classes begin	Mon. Aug. 24
Last Day to Add Classes	Fri. Aug. 28
Last Day to Drop Classes with 100% refund	Fri. Aug. 28
Labor Day	Mon. Sept. 7
20 th Day	Mon. Sept. 21
Fall Break	Fri. Oct. 16
Last Day to Withdraw from Classes	Fri. Nov. 13
Thanksgiving Break	Wed. Nov. 25 – Sun. Nov. 29
Scholars Day	Mon. Dec. 7
Final Exams	Tues. Dec. 8 – Fri. Dec. 11
Grades Due	Tues. Dec. 15
Degrees Conferral Date	Tues. Dec. 15

Traditional (1st 8 weeks)

Mon. Aug. 24 - Sat. Oct. 17

Last Day to Add Classes - Fri. Aug. 28
Last Day to Drop with 100% refund - Fri. Aug. 28
Labor Day - Mon. Sept. 7
Last Day to Withdraw from Class - Fri. Oct. 2
Fall Break - Fri. Oct. 16
Grades Due - Tues. Oct. 20

2nd 8 weeks

Mon. Oct. 19 - Fri. Dec. 12

Last Day to Add Classes - Fri. Oct. 23
Last Day to Drop with 100% refund - Fri. Oct. 23
Thanksgiving Break - Nov. 25 - Nov. 29
Last Day to Withdraw from Class - Mon. Nov. 30
Grades Due - Tues. Dec. 15

Continuous Enrollment (1st 8 weeks)

Mon. Aug. 24 - Sat. Oct. 17

Last Day to Add Classes - Fri. Aug. 28
Last Day to Drop with 100% refund - Fri. Aug. 28
Labor Day - Mon. Sept. 7
Last Day to Withdraw from Class - Fri. Oct. 2
Grades Due - Tues. Oct. 20

2nd 8 weeks

Mon. Oct. 21 - Sat. Dec. 12

Last Day to Add Classes - Fri. Oct. 23
Last Day to Drop with 100% refund - Fri. Oct. 23
Last Day to Withdraw from Class - Mon. Nov. 30
Grades Due - Tues. Dec. 15

2021 SPRING DATES

16-week semester

Sunday, January 10 – Saturday, May 8, 2021

Weekday Classes begin

Last Day to Add Classes

Last Day to Drop Classes with 100% refund

Martin Luther King Jr. Day

20th Day

Spring Break

Easter Break

Last Day to Withdraw from Classes

Scholars Day

Final Exams

Commencement

Grades due

Traditional Programs (1st 8 weeks)

Mon. Jan. 11– Sat. March 6

Last Day to Add Classes – Fri. Jan. 15

Last Day to Drop with 100% refund – Fri. Jan. 15

Martin Luther King Jr. Day – Mon. Jan. 18

Last Day to Withdraw from Class – Fri. Feb. 19

Grades due – Tues. March 9

2nd 8 weeks

Mon. March 8 – Sat. May 8

Last Day to Add Classes – Fri. March 12

Last Day to Drop with 100% refund – Fri. March 12

Spring Break – March 15-21

Easter Break – April 2-5*
(*evening classes held on Apr. 5)

Last Day to Withdraw from Class – Fri. April 23

Grades due – Tues. May 11

Mon. Jan. 11

Fri. Jan. 15

Fri. Jan. 15

Mon. Jan. 18

Mon. Feb. 8

March 15 – 21

April 2 – 5*
(*evening classes held on Mon. April 5)

Fri. April 9

Fri. April 30

Mon. May 3 – Thurs. May 6

Fri. May 7

Tues. May 11

Continuous Enrollment (1st 8 weeks)

Tues. Jan. 19– Sat. March 13

Martin Luther King Jr. Day – Mon. Jan. 18

Last Day to Add Classes – Mon. Jan. 25

Last Day to Drop with 100% refund – Mon. Jan. 25

Last Day to Withdraw from Class – Fri. Feb. 26

Grades Due – Tues. March 16

2nd 8 weeks

Mon. March 15 – Sat. May 8

Last Day to Add Classes – Fri. March 19

Last Day to Drop with 100% refund – Fri. March 19

Last Day to Withdraw from Class – Fri. April 23

Grades due – Tues. May 11

2021 SUMMER DATES

	<u>4 week session</u>	<u>5 week session</u>
<u>Session Dates</u>	May 9- June 5	May 9 - June 12
Last Day to Add Classes	May 14	May 14
Last Day to Drop with 100% refund	May 14	May 14
Last Day to Withdraw from Classes	May 28	June 4
Memorial Day - no classes	May 31	May 31

	<u>2nd 4 week session</u>	<u>2nd 5 week session</u>	<u>8 week session</u>
<u>Session Dates</u>	June 6 - July 2	June 13 - July 17	June 6 - July 31
Last Day to Add Classes	June 11	June 18	June 11
Last Day to Drop with 100% refund	June 11	June 18	June 11
Last Day to Withdraw from Classes	June 25	July 9	July 16
Independence Day (no classes)	July 3-5	July 3-5	July 3-5

	<u>3rd 4 week session</u>
<u>Session Dates</u>	July 4 - July 31
Last Day to Add Classes	July 12
Last Day to Drop with 100% refund	July 12
Last Day to Withdraw from Classes	July 23

CONTINUOUS ENROLLMENT SESSIONS:

	<u>8 week session</u>	<u>6 week session</u>
<u>Session Dates</u>	May 16 - July 10	July 12 - Aug. 21
Last Day to Add Classes	May 21	July 16
Last Day to Drop with 100% refund	May 21	June 16
Last Day to Withdraw from Classes	June 25	Aug. 6

