






2011-2012 UNDERGRADUATE ACADEMIC CATALOG





Arts, Culture and Humanities




Business and Entrepreneurship



Science, Health and the Environment



Service, Policy and the Law



LAKE ERIE
COLLEGE

INSTITUTIONAL OVERVIEW

Founded in 1856, Lake Erie College is an independent, coeducational institution located thirty miles east of Cleveland, Ohio, offering instruction at the baccalaureate and master degree levels. Programs of study are founded in the liberal arts and are offered through the Schools of Arts, Humanities & Social Sciences; Natural Sciences; Business; Equine Studies; and Professional & Continuing Education. The College seeks to accommodate traditional and nontraditional age students on both a full-time and part-time basis.

The College is located in Painesville, the seat of Lake County, in the heart of the Western Reserve. The small-town setting and historic homes surrounding the campus provide a traditional academic environment, while the proximity to Cleveland offers the cultural advantages of a major metropolitan area. The campus consists of 18 buildings of both traditional and contemporary styles. Five miles south of the campus is Morley Farm, whose eighty-six acres are home to the George M. Humphrey Equestrian Center and Victor Manor House, residence of the College President and site of a variety of College and community activities.

MISSION STATEMENT

In the context of a long liberal arts tradition, Lake Erie College provides distinctive undergraduate and graduate programs that prepare students to meet career and life challenges as educated and responsible citizens of local, national and international communities. *(Approved by the Board of Directors April 19, 2007)*

Lake Erie College attracts motivated students who expect a demanding and diversified course of study with opportunities that enhance a collegiate experience. Lake Erie students combine a solid foundation in the liberal arts along with a major program of study. This is the best preparation for any career, as one learns to think clearly, develops problem-solving abilities and becomes effective in the skills of communication.

Lake Erie College maintains a policy of rolling admission; specifically, once an applicant files all of the necessary documents, the total application file is read and a decision is made. Students are notified immediately until the class is filled. Students seeking financial aid should complete an application for admission as soon as possible since it is necessary to be admitted to the College in order to be awarded financial aid.

Accepted students who choose Lake Erie College must remit a non-refundable enrollment deposit which is credited to their first semester bill. The recommended deposit date is May 1. The admission requirements are listed below. The Office of Admissions will make a decision on enrollment and notify the student.

Admission to the Freshman Class

Students are expected to be enrolled in a college preparatory course of study in secondary school in order to have a solid academic foundation to begin college-level coursework. This course of study should include four years of English, three years each of social studies and mathematics, three years of natural science with two courses of laboratory experience and two years of a foreign language. The cumulative grade point average in the core academic classes should be no lower than 2.5 on a 4.0 scale. Exceptions to this requirement are considered on an individual basis.

The prospective student must complete an Admissions application form, essay, two academic letters of recommendation and submit an official high school transcript. SAT or ACT scores are required for all first-time freshmen. Applicants may apply online at www.lec.edu or complete the common application at www.commonapp.org. Paper applications are available upon request.

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ADMISSION TO LAKE ERIE COLLEGE



Lake Erie College is accredited by the Ohio Board of Regents, the Higher Learning Commission and is a member of the North Central Association of Colleges and Schools (www.ncahlc.org). The College does not discriminate on the basis of race, sex, color, creed, national origin or disability in admissions or access to its programs and activities.

This Catalog reflects the curriculum, policies, personnel, and expenses at Lake Erie College at the time of printing. It is intended for the guidance of current

and prospective students and the College's faculty and staff. The catalog is not intended and should not be regarded as a contract between the College and any student currently enrolled or applying for admission, or any other person. The College reserves the right to depart without notice from the terms of this Catalog. To the extent possible, a student who has been continuously enrolled fulltime and who has continuously made satisfactory progress towards a degree will be allowed to graduate according to policies and requirements in effect during the first semester in which the student is enrolled at Lake Erie College.

Prospective students who are out of high school four or more years and have never attended college are encouraged to meet with an admissions counselor to discuss the application process and criteria for admission.

Lake Erie College Scholars Program

The Lake Erie College Scholars Program is an exciting option that focuses on an interdisciplinary core of courses designed to challenge and stimulate our brightest students. Students applying from high school need a grade point average of 3.5 and a minimum composite ACT score of 25 or composite SAT score of 1800. Students completing the program will have an honors designation on their diploma, additional scholarship money and special opportunities with research, internships and study abroad.

Admission as a Transfer Student

Students who have been enrolled at a college or university for the equivalent of one full semester or more are regarded as transfer students. Students who completed college coursework while in high school as part of a dual-enrollment program are exempt from this definition. In order to be considered for admission to Lake Erie College, students must be in good academic, social and financial standing at that college or university with the eligibility to re-enroll if he or she has not yet earned a degree. Transfer applicants are expected to have achieved a minimum cumulative academic average of 2.5 on a 4.0 scale for all college coursework attempted.

Students seeking to transfer to Lake Erie College must complete an online application at www.lec.edu/admissions or commonapp.org, submit an essay, two letters of recommendation and official transcripts from all colleges or universities attended. An official high school transcript must be submitted if the applicant does not currently hold an associate's degree or higher from another accredited institution. SAT or ACT scores are required for all transfer students who enter with fewer than 15 semester credits. When the applicant's file is complete, it is reviewed and a decision is made. Students are notified immediately of this decision.

Criteria for Acceptance of Transfer Credit

Lake Erie College will grant transfer credit according to the following criteria:

1. Official transcripts must be forwarded directly from the sending institution to the Office of Admissions of Lake Erie College. An official transcript presented by the student in a sealed envelope from the sending institution may be accepted in certain circumstances. Only official transcripts will be used in the evaluation process. A student may be required to provide copies of catalog descriptions or course syllabi to allow proper evaluation of transfer credit.

A registration block will be placed on a student's account for the second semester if the official transcript is not

received. An official transcript is required even if courses are not transferable.

2. A maximum of 96 semester hours or 144 quarter hours will be accepted from a regional four-year institutions; 64 semester hours or 96 quarter hours will be accepted from accredited two-year institutions. Credit will be accepted only from institutions that are accredited by one of the regional associations listed below:
 - North Central Association of Colleges and Schools
 - Middle States Association of Colleges and Schools
 - New England Association of Schools and Colleges
 - Northwest Association of Colleges and Schools
 - Southern Association of Colleges and Schools
 - Western Association of Schools and Colleges
4. Only non-remedial courses with a grade of "C" or higher will be accepted. A grade of "C" is considered to be a 2.0 on a 4.0 scale.
5. Courses with a grade of "C-, D+, D, D-" may be accepted in transfer if they are earned as part of an associate degree.
6. A course with a grade of "Pass" or "Satisfactory" will be accepted provided the grading policy of the sending institution considers a grade of "Pass" or "Satisfactory" to be a "C" or higher.
7. Quarter-hour credits are converted to two-thirds of semester-hour credits. For example, 15 quarter credits would transfer as 10 semester credits.

Lake Erie College has developed transfer agreements for several two-year institutions, such as Lakeland Community College and Cuyahoga Community College. These transfer guides list the course equivalencies for Lake Erie College's general education requirements and for selected majors and are available from the Registrar's Office.

Adult Degree Completion Program

Phone: 1-855-5Finish
Email: FINISH@lec.edu
Web: www.lec.edu/finish

The Lake Erie College adult degree completion program responds to the needs of today's adult learner. The program features:

- an interdisciplinary approach facilitated by professionals with graduate academic credentials and diverse life experiences;
- convenient class scheduling delivery format;
- emphasis on critical thinking, team and written communication skills; and



- a Business Application Project that builds on the knowledge gained in each program class.

Adult learners work with the same cohort of adults (all having real world work experience) over an eighteen-month period, moving to a new instructional class every five weeks. Our integrated curriculum is designed to provide an adult-centered learning environment in which collaborative learning occurs through academic support and excellent student service. The professor's role is a facilitative one. As adult learners are usually employed full-time, the program classes are scheduled in convenient one session per week format.

Admission Criteria:

- 1) A cumulative grade point average of 2.5 (on a 4.0 scale) or better in all prior academic work at the college level.
- 2) A minimum of 45 semester hours completed.
- 3) Completion of English 101.
- 4) Three to five years of full-time work experience.
- 5) A demonstrated ability for self-directed learning.

International Students

Lake Erie College is authorized under federal law to enroll non-immigrant students. Prospective students who are not citizens of the United States nor have "Permanent Resident" status are considered to be international students and are not eligible for federal financial aid. International students are eligible for College-based academic funding and may be eligible for some state funding depending on current visa or resident status. The international applicant must submit a Certificate of Finances form officially demonstrating that the family or sponsor is able to provide sufficient financial support for the student. This support should cover transportation, maintenance and educational expenses for one year of study at Lake Erie College. Students looking to apply for need based financial aid need to submit the International Student Financial Aid application.

Students whose first language is not English must achieve:

- TOEFL: For degree seeking undergraduate students, a paper score of 550, a computer score of 213 or an internet score of 79 is required. Non-degree seeking students must produce scores of 500 on the paper test, 173 on the computer test or 63 on the internet test.
- IELTS: for degree seeking undergraduates, we require score of 6.0 or higher.
- STEP: We accept passing grades at the first and pre-first levels.

Students applying as freshmen will follow the application procedures outlined above for freshman admission; transfer applicants will follow the procedures listed in the transfer section. All documents, transcripts, letters of recommendation and essays

must be accompanied by an official English language translation from WES (World Education Services, Inc.) www.wes.org, ECE (Education Credential Evaluators, Inc.) www.ece.org, or AACRAO International Education Services www.aacrao.org/international/foreignEdCred.cfm.

International Student Fees

- Tuition Deposit: \$150
- Housing Deposit if living on campus: \$150
- International Application Processing Fee: \$200
- Continuing International Student Fee: \$150 per semester

What is the International Student Fee?

This fee is assessed to International Students only. An "International Student" is a student who is in F-1 or J-1 visa status. The fee is \$150 per semester. If you have questions about this fee or if you feel you may have been charged this fee in error, see the Office International Studies located in College Hall, Jonathon Klein, Coordinator of International Studies. Phone 440-375-7178. E-mail: jklein@lec.edu

Why do we have this fee?

After September 11, 2001, the U.S. government changed many of the requirements for schools that enroll international students. The fee is necessary for the college to meet those new requirements and continue to provide services international students need to maintain their visa status and adjust to life in the U.S. and Painesville. This fee will enable Lake Erie College to meet government requirements but also enhance the services that are offered by the Office of International Studies.

How is the money used?

The revenue generated by this fee will be used directly toward the services provided to international students only. As an international student, your fee will be helping you. Because of the international student fee, you will see positive changes as follows:

- To help you understand the many regulations that affect international students, advisors in the Office of International Studies (OIS office) will be available to see you more often and provide you with more individual attention by phone, email and in person.
- There will be improved cultural immersion programming and a special orientation for international students.
- The OIS office will be able to offer you more workshops of interest to international students.
- The college will also be able to provide more assistance to help international students make the transition to living in the U.S. and studying at LEC.



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Overall, the programs and enhancements that the fee funds will ensure that the college meets the unique needs of international students.

Post Baccalaureate Students

A student who wishes to enroll for further undergraduate coursework after completing a bachelor's degree fits into this category. The student will need to complete the application form for post baccalaureate study. The applicant must also submit an official transcript from the college or university from which he/she was awarded the bachelor's degree; if the student attended a graduate school or an additional baccalaureate institution after earning the baccalaureate degree, official transcripts from those institutions are also necessary.

Teacher Licensure

A student who has earned a bachelor's degree and wishes to pursue teacher licensure may apply as a post baccalaureate student. Coursework at the undergraduate or post baccalaureate level will be completed as required for teacher licensure. Students who receive financial aid must consult the Office of Financial Aid to determine the implications.

Readmission to Lake Erie College

A student who has attended Lake Erie College but has not taken classes for two or more semesters is considered inactive. If the student has not attended another college or university in the interim, the student should contact the Registrar at Lake Erie College who will begin the process of reactivation for that student based upon the student's past record at the College.

A student who withdraws from Lake Erie to attend another institution must apply for admission as a transfer student. Contact the Office of Admissions for a new application form to begin the process. The complete details for transfer admission are stated above.

A student who has been accepted to Lake Erie College but does not attend after acceptance for more than one semester must reapply to the college.

Transient Students

A student enrolled at another institution who wishes to take a course or courses at Lake Erie College must submit a letter of authorization from the Registrar or other designated official at the student's home institution. This authorization letter is submitted to the Registrar's Office at Lake Erie College at the time of registration.

Credit by Examination Program: CLEP or DSST

Academic credit may be granted on the basis of certain subject examinations of the College Level Examination Program (CLEP) or the Dantes Subject Standardized Test (DSST). Additionally, academic credit may be granted for courses taken at Lake Erie

College or at another accredited college or university while the student was in high school.

Advanced Placement

Lake Erie College participates in the Advanced Placement Program administered by the College Board. A student may receive a course waiver with a score of "3." A course waiver and college credit will be given for scores of "4" and "5." Official scores must be received to receive waivers and/or credit.

International Baccalaureate Program

Students who have earned an IB diploma will be granted 32 credit hours and fulfillment of the General Education Curriculum upon entrance to Lake Erie College. Students who earn IB Certificates or take single IB course units but who do not complete the entire diploma program can receive credit by earning the necessary scores on exams. Scores of "4" will earn a subject waiver, scores of "5" or higher will earn college credit. Courses will be evaluated on an individual basis to determine which requirement a course fulfills. An individual course can only fulfill one general education requirement, but can fulfill both a major and general education requirement. In each case, credit hours for a single course will only be granted once.

Final High School Transcript

First-time freshmen must submit a final high school transcript that specifically demonstrates that the student graduated from high school prior to the beginning of their first semester. A registration block will be placed on a student's account for the second semester if the final transcript is not received.



Fees may be calculated by referring to the tuition and fee schedule listed on the website for each semester. Financial refund schedules are published there as well. Be sure to reference this information when making decisions to add or drop classes after the semester begins.

Due to federal regulations, all international students entering the United States on an F-1 Visa are required to prepay their tuition for the entire year before registering for classes. International students are not eligible for time-payment plans. Canadian students are required to pay each semester prior to registering for classes and are not eligible for time-payment plans.

Students who do not meet financial obligations on a timely basis may be removed from their educational program. Re-entry into the program will require payment of a re-matriculation fee equal to the current late registration fee in addition to the regular tuition and fee charges assessed.

The College reserves the right to withdraw a student from his or her academic program, including academic programs abroad, to withhold grades and transcripts, to deny entry to the residence halls and to deny participation in graduation exercises if tuition and fees are not paid on a timely basis. The student may apply for re-admission to the program for following semesters; re-admission will be dependent on proof of financial stability.

Late fees will be charged on all accounts 30 days past due. Charges that remain unpaid will be sent to a third party collection service. At that time, the collection fees, interest charges and legal fees will be added to the balance on the student's account and these accounts will also be reported to the credit bureau.

Methods of Payment

Three options are available for paying education expenses:

1. Pay each semester's expenses in full. The amount, less financial aid and loans, is due on May 1–summer, August 1–fall, December 1–spring.
2. Apply for private student loans and/or parent PLUS loans, using the Lake Erie College Financial Aid website. Proof of loan funds approval and disbursement date information is due on the semester due dates as indicated in option one.
3. Enroll in the Time-Payment Plan, pay the enrollment fee and begin making the monthly payments prior to the semester due date as indicated in option one. This plan is interest free.

Note: All of the above options may be combined to make a financial plan that is suitable for budgeting needs, making sure they are in place on or before the semester due dates as indicated above.

Tuition Reimbursement

For a student who receives tuition reimbursement benefits through his/her workplace, 50% of the tuition and fees can be deferred until

the end of the term, with payment due four weeks after classes end. The remaining 50% must be paid by the semester due dates, along with the deferred payment fee for the semester. Interest will not accrue on the unpaid balance.

Refund Policies

If registration is canceled prior to the start of classes, a full refund will be made with the exception of the admissions deposit. The student's account will be credited only after the proper withdrawal forms have been filed with the Registrar and the exit interview is completed. Students must contact the Registrar's Office to officially withdraw from the school.

Refund dates are found on the website each semester. Refer to this information for the financial impact of dropping/withdrawing from classes. Students withdrawing and/or changing status between full-time and part-time should speak with both the Financial Aid and Bursar Offices to be sure they understand the full impact of their decision.

Students who discontinue class attendance without officially completing the withdrawal procedure will be responsible for the full amount of applicable tuition and fees. A student receiving Title IV financial aid that does not officially complete the withdrawal procedure will be required to return 50% of the Title IV funds. Refunds for withdrawals after the official dates will not be made in cases of inability to attend classes due to changes in business or personal affairs. If extraordinary circumstances require a student to withdraw from classes after the refund period, the student will need to file a Petition for Late Action. Forms are available in the Registrar's Office.

Refunds due to overpayment of tuition and fees will be processed in accordance with Title IV guidelines.

Withdrawal Procedure

A student wanting to take a leave of absence or totally withdraw from all classes at Lake Erie College must notify the Registrar's Office, either verbally or in writing. The office is located in Room 114 College Hall.

Veterans Benefits

Lake Erie College is approved by the State Approving Agency for Veterans training. Veterans who are eligible for educational benefits should contact either the Registrar's Office or Office of Financial Aid at Lake Erie College. Veterans benefits received (as determined by the information reported on the Free Application for Student Aid) will be considered a resource in the determination of a student's financial need in accordance with federal regulations governing the delivery of Title IV Student Financial Assistance. Veterans receive the educational benefits from the Veteran Administration (VA) and eligibility and amounts are determined by the VA.



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FINANCIAL AID

The mission of the Office of Financial Aid at Lake Erie College is to facilitate access and affordability for students choosing to pursue a course of study at the College. The Office of Financial Aid adheres to the federal philosophy that students and their families have the primary responsibility to pay for their education. Our mission is met by:

- Providing information and services to prospective and continuing students and their families;
- Assisting students and families in the financial aid application process;
- Determining financial aid eligibility and making offers of financial assistance;
- Facilitating the timely delivery of financial aid funds;
- Delivering financial aid to all eligible applicants in a fair and equitable manner.

Financial assistance is available from a variety of sources; the amount and type are determined on the basis of financial need (Financial Need = Cost of Attendance - Expected Family Contribution). The Expected Family Contribution (EFC) is determined by using the Federal Methodology Formula approved by the U.S. Department of Education. To apply for financial aid, students must submit the Free Application for Federal Student Aid (FAFSA) to the Central Processing System of the U.S. Department of Education at www.fafsa.ed.gov.

Financial aid is awarded annually. A student must submit a FAFSA each year to be considered for federal and state aid. Timely submission of the FAFSA will maximize a student's financial aid opportunities for federal and state programs. Submitting the FAFSA late may limit a student's eligibility for those funds. Institutional aid is awarded on a rolling basis. Once a student has been accepted to the College and the FAFSA is processed, a financial aid award Letter will be mailed. When the award is received, a student may accept all or any part of the award without affecting any other funds offered. Upon notification that a student has received an award from an outside source, appropriate adjustments will be made to the financial aid previously offered in accordance with federal regulations. Changes to a student's cost of attendance could also have an impact on a financial award.

In general, to receive financial aid a student must be enrolled at least half-time (six credit hours per semester for undergraduates and three credit hours for graduates). A significant number of institutional and state programs require full-time attendance.

Financial aid awards will be adjusted for any student who does not enroll for the number of credit hours upon which the award was based. If a student with financial aid withdraws from a course or

courses during the refund period, aid will be adjusted accordingly. If an instructor withdraws a student from a course, financial aid will be adjusted according to the last date of attendance reported by the instructor, in accordance with federal regulations. Students considering a reduction in their coursework should consult the Office of Financial Aid prior to making changes to determine the impact upon their financial aid eligibility. Satisfactory Academic Progress (discussed later in this section) is also required to maintain eligibility for financial aid. To ensure that the application information used to determine financial aid eligibility is complete and accurate, student records (including applicable parent tax returns) may be selected for review in accordance with federal regulations. Students selected will be notified of the information and documentation required for continued processing. These documents should be submitted to the Office of Financial Aid upon request.

Satisfactory Academic Progress Policy (SAP)

Federal regulations require that schools monitor academic progress of each applicant for federal financial assistance and that the school certify the applicant is making satisfactory academic progress (SAP) toward earning his or her degree. To be eligible to receive financial aid from federal, state and institutional sources at Lake Erie College, students must make satisfactory academic progress in their degree or certificate programs. The measure of SAP is threefold: GPA, maximum timeframe and completion rate. Students who fail to meet the SAP requirements become ineligible to receive financial aid until compliance with these requirements are met.

The Financial Aid Office evaluates SAP after the completion of each semester or term. All terms of enrollment, including summer, must be considered in the determination of SAP including periods in which the student did not receive federal student aid funds.

Students academically dismissed from their academic program will be recognized as failing to meet SAP standards.

The policy and terms described in this SAP policy is for financial aid purposes only and is separate from academic probation policies for academic standing with the college.

Terms

Grade Point Average (Qualitative standard)

An undergraduate student must maintain a minimum cumulative GPA of 2.0

Maximum timeframe (Quantitative standard)

An undergraduate student cannot exceed 150% of the published length of time of the program measured in credit hours attempted. Most undergraduate programs require 128 credit hours for graduation. The maximum time frame for these students is 192 hours (128 x 1.5). Students are normally expected to complete an undergraduate degree by the end of 4 years of full time enrollment. To make this progress, a student would need



to take 16 credit hours each semester. The possibility exists for a student to receive financial aid up to the maximum time frame of 192 credit hours. However, if it is determined at any point that the student will not be able to complete the program within 192 credits, financial aid eligibility stops. The maximum time frame is not increased for dual-degree students or students with minors. Transfer credit hours accepted for the student's academic program or degree are counted when measuring the maximum time frame to complete the degree or program and in hours attempted and earned.

Completion Rate: Pace of progression (Quantitative standard)

To ensure a student is making progress in progression toward their degree, a student must earn 67% of hours attempted. This is calculated by dividing cumulative hours earned by cumulative hours attempted.

Attempted credit hours. Courses with grades and with marks of "W" withdrawn, "WF" withdrawal failure, "WP" withdrawal passing, "I" incomplete or "F" failure are counted as courses attempted. Course repetitions and remedial coursework count as credit hours attempted and count toward the maximum time frame.

Earned credit hours are the credit hours recorded as earned on the student's academic transcript at the end of each semester for which a student received a passing grade. An incomplete course or work in progress is not counted as earned credit hours. Credits excluded from the credit completion calculation include audit credits, CLEP, prior learning credits.

Example: Joe Freshman was enrolled for 18 hours fall semester. He withdrew from a 4 credit hour course, receiving a "W" and failed another 4 credit hour course. At the end of the semester, his transcript showed he earned 10 credit hours. He has a 2.52 cumulative GPA. His percentage of credit hours earned based on his attempted is 55.5% (10/18). He did not make SAP for the fall semester based upon his earned hours. He must have had at least 67% earned hours from those attempted.

SAP Warning, SAP Probation and Financial Aid Suspension

SAP Warning

The first time a student does not meet the SAP requirement the student will receive a SAP Warning. The student will be eligible to receive financial aid for the next semester. No other action is required by the student.

SAP Probation and the Appeal Process

Two consecutive terms of failure to meet SAP will result in the student becoming ineligible for financial aid. The student must submit a letter of appeal to petition reconsideration for financial aid eligibility for the next term. The appeal must include a signed statement with:

- 1) The reason for failing to make SAP including any extenuating circumstances that caused failure to meet the SAP standards.
- 2) A description of how circumstances have changed to be in a better position to be academically successful.

An appeal must be based on significant extenuating circumstances that seriously impacted academic performance. Examples of extenuating circumstances include serious illness or injury, death of a family member or other extreme hardship. The appeal letter must be submitted to the Financial Aid Office within 14 days of receiving notification. Include supporting documentation if indicated.

An appeal will be approved if the Financial Aid Office can determine the student will be able to make SAP standards by the end of the next term. The student with an approved appeal will be on SAP Probation and regains eligibility for financial aid for the next term.

Academic Plan

If the Financial Aid office determines that SAP cannot be made during the next term, the student must include an academic plan of action required by the Academic Standards Committee or meet with their academic advisor to devise a plan to restore their SAP standards by a specific point in time. If the student submits and agrees to an academic plan, financial aid eligibility will be restored for the next term.

Financial Aid Suspension

Financial Aid Suspension occurs when any of the qualitative and quantitative standards cannot be met. The student will not be eligible for financial aid.

Return of Title IV Funds Policy

Any students receiving Title IV Funds at Lake Erie College will be subject to the following policy regarding return of those funds if they withdraw from all classes:

The amount of Title IV aid earned is the percentage of the semester completed. This percentage is calculated by dividing the number of days the student attended classes by the number of days in the semester. The semester is measured in calendar days including weekends and holidays, excluding breaks of more than five days.

Any student who withdraws on or before the 60% point in the semester will have to return or repay unearned Title IV funds. A student who withdraws after the 60% point of the semester is considered to have earned 100% of the aid received and will not have to return funds to the Title IV programs.

A student's withdrawal date is determined by Lake Erie College to be:



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- 1) the date the student began the withdrawal process (as outlined in this catalog) or notified the school of the intent to withdraw
 - 2) the midpoint of the semester if the student fails to officially notify the College of the withdrawal
 - 3) the student's last date of attendance at a documented academically-related activity.

Funds will be returned to the programs in the order specified by federal guidelines.

A repayment by the student to the Title IV programs may be required when cash has been disbursed to the student from financial aid funds in excess of the amount of aid earned during the term. If the student owes a repayment to the programs, loan funds are returned within the terms of the promissory note. Grant funds owed by the student will be returned at 50% of the amount owed.

If less aid for which the student was eligible was disbursed than was earned, the student may receive a post-withdrawal disbursement for the difference. The Office of Financial Aid will notify the student within 30 days of notification of withdrawal that these funds are available. The student must request these late disbursements in writing from the Office of Financial Aid.

Institutional and state aid refunds will be calculated according to the Lake Erie College refund policy as posted in the official schedule of classes each semester.



The co-curricular aspects of college life are an integral part of a liberal arts education. The experiences which occur outside of the formal classroom setting provide valuable opportunities for social, emotional and intellectual growth. Lake Erie College provides a broad range of co-curricular activities and services designed to appeal to a variety of academic and personal interests. These resources and services are available to all Lake Erie College students.

Clubs and Organizations

Lake Erie College students are involved in a number of student organizations. Through these organizations, students are able to enrich their college experience and develop useful skills while getting involved on campus. Joining a student organization is a great way to meet other students and pursue common interests outside of the classroom. To find out more about membership in Lake Erie College student organizations or to start a new club, contact the Coordinator of Student Activities and Cultural Programs in the Student Life Office.

Student Government

The Student Government Association (SGA) is the student governing body on campus. Through SGA, all other student clubs and organizations receive formal recognition and support. As one of the most active and dynamic groups on campus, SGA is responsible for monitoring the activities of its component groups as outlined in the SGA constitution. Elected representatives attend regular meetings. All students are members of SGA and are invited to attend SGA regular meetings. Meetings occur bi-weekly and the schedule is posted in the Student Life Office at the beginning of each semester. Business casual dress is suggested when attending meetings.

Activities Council

The Student Activities Council (SAC) is a student-run organization that plans activities on and off campus. SAC membership is open to all Lake Erie College students. Becoming involved with SAC is a great way to meet other students and plan fun and interesting activities. SAC provides weekly entertainment through game shows, casino nights, free movie tickets, karaoke, concerts, comedians, hypnotists and various other events.

Traditional Events

Events associated with Lake Erie College traditions are an important part of life at the College. Special traditions include Homecoming, Holiday Vespers, Sibbs & Kids Weekend, Mountain Day, Bedtime Breakfast and Spring Formal. Some of the best and most memorable experiences of college life are gained from participation in these events.

The George M. Humphrey Equestrian Center

The George M. Humphrey Equestrian Center is the home of the Equine Studies Program at Lake Erie College. The new Learning Center was completed in 2009, and provides state of the art classroom and laboratory space for the academic program in

Equine Studies. Equine Studies faculty and staff offices are also located in the Learning Center. The Learning Center serves as a "home base" for Equine Studies students, with a computer lab and a very popular student lounge overlooking the main indoor arena. The Equestrian Center is located approximately 5 miles from the main campus. Shuttle service is provided for students Monday through Saturday during the school year.

The Equestrian Center houses all of the equestrian activities and facilities at Lake Erie College. The 86-acre facility offers permanent stabling for up to 95 horses in two barns, including school horses, and student and faculty boarders. We also have temporary stabling for 39 additional horses during horse shows. Our turn out facilities includes grass and all weather paddocks with electric and vinyl fences. A breeding laboratory in the school barn contains space and equipment for students to learn and practice all aspects of modern breeding management including collection of the school's stallions, the evaluation and processing of cooled semen, teasing mares and artificial insemination. Coursework and practical laboratory experience at the Equestrian Center provide opportunities for students to utilize industry best practices in the day to day management of our equestrian facilities.

Our facilities provide many riding and showing venues for our students. Our 100' x 225' indoor arena with seating for 700 spectators has an attached 70' x 130' warm-up arena. We also have four outdoor rings including a lighted 225' x 100' enclosed outdoor arena, a hunt field with cross country jumps and a recently renovated multi-tier bank. Throughout the year, we host several dressage and hunter/jumper shows, as well as clinics with professional horsemen. Information regarding upcoming shows and clinics is available on our web site at www.lec.edu/equestrian/ events.

Fine and Performing Arts

Lake Erie College prides itself on its excellent facilities for the fine and performing arts. The art, dance and theater programs are housed in the Fine Arts Building, site of the B.K. Smith Gallery and the C.K. Rickel Theater.

The theater program boasts technical facilities that are among the best to be found in any small college in the country. State-of-the-art computerized lighting control, multichannel sound mixing and a fully-equipped scene shop support a program offering both traditional and experimental works. The theater program produces a range of plays throughout the year, some of which have been premiere productions of the work of new playwrights.

The music program is based in the Morley Music Building, which seats seven hundred. The Paul S. Weaver Auditorium hosts many recitals, convocations and special events, and contains a classic Skinner organ, which was recently renovated, so that it can provide a new generation with the opportunity to experience its amazing music. Students have the opportunity to sing in the Lake



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Erie College Community Chorus, the Lake Erie College flute choir and participate in instrumental master classes and recitals.

The dance program sponsors several formal events each year. Students may also participate in informal showings of their work, lecture demonstrations, workshops and master classes.

The cultural riches of Cleveland also include its museums. The Cleveland Museum of Art, the Cleveland Museum of Natural History, the Great Lakes Science Center, the Rock and Roll Hall of Fame and the Western Reserve Historical Society are all easily accessible to Lake Erie College students.

Religious Services

Lake Erie College is a nonsectarian liberal arts college and has no formal affiliation with any religious group or denomination. A number of religious groups are well represented in Painesville and the surrounding area. Many of the local churches are within walking distance from the campus. Other religious communities are represented in nearby communities and all welcome students.

Intercollegiate Athletics

Facilities

The Jerome T. Osborne Family Athletic & Wellness Center, originally opened as the Athletic & Wellness Center in August of 2004, houses varsity contests for basketball and volleyball in its 750-seat arena. The building also houses a multi-purpose gymnasium which hosts various varsity practices, intramurals and recreation. A suspended indoor jogging track encircling the multi-purpose gym and a fully-equipped fitness center on the upper level complete the major components of the building. Outdoors, the soccer and softball teams compete on campus on Jack Slattery Field. Football and baseball games are played near downtown Painesville in Recreation Park. The football takes the field at Jack Britt Memorial Stadium, while the baseball team utilizes Braggs Field.

Varsity Teams

Lake Erie offers 23 varsity sports for the 2011-12 athletic year, 12 for men and 11 for women. In the fall, there is football, men's and women's soccer, women's volleyball, men's and women's cross country, men's and women's golf, and women's tennis. Men's and women's basketball, wrestling, swimming and diving is offered in the winter as well as men's and women's indoor track. Baseball, softball, men's and women's lacrosse, men's tennis, and men's and women's outdoor track are the spring sports. General admission to ticketed, regular season, on-campus events is free for current students. Tickets, when necessary, may be picked up with a valid student identification card. Lake Erie College's teams compete at the NCAA Division II level. The institution is a member of Great Lakes Intercollegiate Athletic Conference (GLIAC) and the East Coast Athletic Conference. Lake Erie's teams compete for berths in the various ECAC post-season tournaments.

Accommodations for Students with Disabilities

Lake Erie College does not discriminate in its recruitment, admission or treatment of students. The College makes reasonable accommodations to ensure that the academic program is accessible to the greatest extent possible by all students with disabilities. In particular, the College adheres to the provisions of Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 and the Family Education Rights and Privacy Act of 1974.

It is the policy of the College to make services available to any student who, through a recent assessment, can provide documentation of a disability. Students, however, must meet all eligibility requirements to be admitted.

Students requesting accommodations must provide the College with official documentation of any disability, from a medical doctor, psychiatrist, psychologist or other qualified professional. For specific learning disabilities, this should include a copy of the multi-factored evaluation, and a copy of the student's most recent individualized education plan (IEP). The documentation must be no more than three years old, if the student was tested before age 21 and within a five year period in the case of adults tested after age 21. Documentation must contain the date of assessment and the diagnosis. It must list the assessment tools utilized, describe the functional limitations of the disability and support the need for specific accommodations. The documentation must include relevant recommendations regarding the curriculum, as well as testing considerations. No accommodation will be assured until the appropriate documentation is on file. Lake Erie College reserves the right to require that a student provide more complete and/or updated documentation at any time. All records are confidential.

It is the responsibility of students with disabilities to seek available assistance at the College and to make their needs known to the Director of the Student Success Center. The students must meet with the Director upon admission to the college or when a disability becomes known to discuss any special needs. All assistance/ accommodation are coordinated through the Director of the Student Success Center. Accommodations are reviewed each semester by the Director, the student and a consultant in the area in which the disability occurs, if necessary. While Lake Erie College will provide reasonable accommodations, academic success is the student's responsibility. Instructors will be expected to assist with the provision of accommodations when reasonable and necessary. Instructors are not expected to compromise essential elements of the course or evaluation standards.

Some of the accommodations which may be available to students with documented disabilities include textbooks on CD, peer and professional tutoring, additional time for testing, testing in a distraction-free environment, small study groups, peer and professional editing, time-management and organization



assistance, and personal coaching for success. For further information contact the Director of the Student Success Center at 440.375.7426.

Health and Wellness Resources

The Lake Erie College Student Success Center offers a wide range of opportunities to the campus community in the area of Health and Wellness. Health and wellness services available on campus include: a licensed family physician available for appointments on campus each week, social and academic counseling, academic support and monitoring, as well as referrals for dental assistance and psychiatric services as needed. In addition, assistance to students with disabilities and referrals to community mental health agencies is available upon request. The staff provides screenings for ADHD/ADD, depression, anxiety and post-traumatic stress disorder as well as referrals to outside agencies for drug and alcohol rehabilitation as needed. In addition, referrals for individual counseling and psychological services in many areas are available upon request, as well as support for student athletes in many areas of academic and social life.

Residential students are strongly encouraged to make the Student Success Center staff aware of all on-going health and wellness issues as well as any medications prescribed and taken regularly. The staff is happy to collaborate with your current healthcare and/or counseling provider to assist you in locating a local provider near the Lake Erie College campus. Confidentiality will be maintained at all times and students, while not required, will have the opportunity to sign release forms for collaboration with parents, personal healthcare and counseling providers to assure the highest level of the continuity of care while at Lake Erie College.

All residential students, student athletes and equestrian students are required to provide proof that they are covered by a health insurance plan.

The Tri-Point Medical Center and University Hospitals of Cleveland are available to treat any student upon request. Students under the age of 18 must have an authorization on file in the Student Success Center should the need for emergency treatment arise.

Career Services and Internships

The Office of Career Services and Internships empowers students to build bridges to their future careers by providing resources, programs and services that enable students to translate their academic and co-curricular experiences to the world of work in a diverse global environment. Services include personalized career coaching as well as workshops touching on topics such as: resume writing, internships, interview and job search techniques, dressing for success, etiquette and preparing for graduate or professional school.

The Office of Career Services and Internships also coordinates

the process for internship registration. Although not all majors are required to register for internships, all students are encouraged to register for internships to integrate academics with their career goals. To qualify for an internship, students must be of sophomore status, preferably junior/senior status and be in good academic standing maintaining a minimum 2.0 GPA. Internships represent academic courses of two-to-five semester credits per semester. Each credit hour requested requires 50 work hours. Students may work for a 15-week semester or during summer term under the supervision of site supervisors and faculty sponsors. Students must be registered for academic credit for their internship at the same time they are performing the hours.

Lake Erie College utilizes the Storm Career Network powered by Symplicity, an online employment database where employers can post job and internship opportunities as well as register to search through the resumes of students and alumni who have posted them on the site. Students looking for employment possibilities can search through the jobs and internships that have been posted as well as apply for them online.

Residence Life

Life in the residence halls is a living learning experience. It is in this environment that students have the opportunity to form a sense of community, to meet people of varied backgrounds and to make lasting friendships. The residential community consists of four halls and a number of apartment complexes close to the campus. All students share some common facilities, including kitchen, laundry, bathrooms, and lounge areas.

In the halls, Residence Directors serve as advisors, counselors and administrators of the hall. Student Resident Assistants work with the Residence Directors to maintain a healthy living/learning environment.

Residence hall living requires each resident to assume certain group and individual responsibilities. Each student is expected to attend hall meetings, support activities, care for personal and College property, abide by College and hall policies and show respect for the rights and property of other residents.

Students who are under the age of 22 years, below 64 credits and whose established residence is outside a 50-mile radius of the college are required to reside on campus. Exceptions are made for those students who are married. Students wishing to petition for an exemption to the residency requirement who intend to reside with a close adult relative must provide a written request from their parent or guardian to the Student Life Office. Students reaching the age of 23 years by August 15 prior to the start of the fall semester can be granted residency status on a space-available basis after all students whose on-campus residence is required have been accommodated.

All resident students are required to participate in one of the



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College meal plans.

Orientation

In order to help new students familiarize themselves with life at Lake Erie College and to acquaint them with the campus, its facilities, services and staff, as well as the rigors of college life, the College conducts a mandatory New Student Orientation prior to the start of classes. The programs touch on every aspect of the College, both curricular and co-curricular, of interest and concern to new students and their families.

Student Vehicles & Parking on Campus

Vehicle Registration

All vehicles on campus and in College-leased apartment areas, are required to be registered with Security within the first week of the semester. A permit decal will be issued and must be displayed on the vehicle at all times. There is no charge for the first permit; however, there is a \$5.00 charge for each additional or replacement permit. When registering a vehicle, the license plate number, make, model and color of the vehicle are needed.

The College is not responsible for lost or stolen items or damage to vehicles parked on campus. Vehicle owners are required to have adequate insurance as required by State Law.

Campus Security recommends every student to have an extra set of keys available in case keys are locked inside of the vehicle. Security may not be able to assist with unlocking the vehicle. Painesville Police are not able to assist with vehicle lockouts.

Students will receive a brochure once their vehicle is registered with Security indicating where parking is permitted.

Citations and Towing

Parking on the grass, in a fire lane, on the sidewalk or in a reserved space will result in vehicles being towed at the owner's expense. This includes College leased apartment areas. Citations and fines are issued for violations; repeat violations result in the doubling of the previous fine. Fines are automatically billed to the student's account and can be paid at the Accounting window in College Hall.

Driveways in front of the residence halls are for loading and unloading. Students are permitted to park for a maximum of 15 minutes and must have flashers on at that time.

Guest Parking

Guests of residential students must register their vehicle with Security to obtain a temporary guest registration permit that is displayed. Applications for the guest registration tag are obtained from the student life office. Overnight guests will receive instructions from the security officer who issues the temporary guest tag concerning where they must park their vehicle.

Transportation

Laketran

Laketran is the local bus service that provides transportation within Lake County and with connections outside of the local area. A Laketran stop is in front of the campus on Route 20, Mentor Avenue. Students needing more information about Laketran services are advised to call Laketran offices at 440.428.2460.

Safety and Security

Security of the Lake Erie College campus and all who live and work here is the responsibility of every member of the College community. A conscious effort must be made by each student, faculty, and staff member to ensure the safety and well-being of persons and property. Anyone observing a suspicious person or act should report the situation immediately to Security at 440.375.7575; or the Painesville Police Department at 911 for emergencies, or administrator, staff or faculty member.

Security maintains a lost and found department, as well as providing an escort service to all members of the College community traveling between buildings or to the parking lots after sunset. Escort service is obtained by calling Security at 440.375.7575.



Campus Emergencies

In the event of a serious incident involving Lake Erie College students, personnel or property call 911 followed by Security (440.375.7575). Security will notify the appropriate College officials.

Students, faculty and staff will receive the College's response to disasters (tornadoes, fires, etc) at the beginning of the academic year. This information is also posted on the main website.

Cancellations

If the College is closed due to inclement weather or for other reasons, local radio and television stations will be notified through the Office of Public Relations and Marketing. Daily cancellation information is available on the home page of the website, www.lec.edu, or students may call the class cancellation line at 440.375.7260.

City of Painesville

Lake Erie College is located 30 miles east of Cleveland in the City of Painesville which is one of 23 municipalities in Lake County in Northeast Ohio. Covering 7.903 square miles, Painesville is approximately 2.5 miles south of Lake Erie.

Painesville is a college-friendly community that features a charming town square with access to restaurants and retail shops. Additionally, the 75-acre Kiwanis Recreation Park is within walking distance. The City's Parks and Recreation Department sponsors an extensive year-round schedule of activities for individuals of every age.

With the City's police and fire stations and Lake Hospital two blocks from campus, the College has forged close-working relationships with those agencies. The Police and Fire Departments have even collaborated with the College to conduct emergency drills.

According to the 2000 Census, the City of Painesville is the fourth largest municipality in Lake County (17,503), following the cities of Mentor (50,278 residents), Willoughby (22,621), and Eastlake (20,255). It is also the seat of Lake County government. For more information about the City, visit www.painesville.com.

Logo Use

The Lake Erie College logo and all other College-owned logos (Stormy, College Seal, Get In. Stand Out., etc.) are the property of the College and may not be used on printed materials unless approved by the Office of Public Relations and Marketing. Student groups should not print these items on clothing, give-away items, posters, etc. without prior approval.

Nondiscrimination, Equal Opportunity and Affirmative Action

Lake Erie College, in accordance with Title VI of the Civil Rights Act of 1964, operates in a non-discriminatory manner with regard to race, color, age, or national origin. As required by Title IX of

the 1972 Educational Amendments, Lake Erie College does not discriminate on the basis of sex in its educational programs, activities or employment policies. The College provides equal opportunities to qualified persons with disabilities in accordance with the Americans with Disabilities Act. Lake Erie College is an Equal Opportunity Employer and Educator and does not discriminate on the basis of race, color, religion, ancestry, national origin, sex, sexual orientation, handicap, disability or veteran status.

Photography Statement

In the course of college life and participation in campus classes and activities, the College often has photographers taking photos of events, activities and daily life. These photos may be used for College promotion in advertising, printed collateral, website and other outlets. Students will not be compensated if their image is used for the promotion of the College. The Office of Public Relations and Marketing assumes permission for photography from all students unless instructed otherwise by an individual.

RESOURCES TO REMEMBER

Course Catalog

W www.lec.edu/catalog/

Financial Aid

T 440.375.7100
 F 440.375.7103
 E finaid@lec.edu
 W www.lec.edu/financialaid/
 FAFSA Forms www.fafsa.ed.gov

Student Life Office

T 440.375.7505
 F 440.375.7005
 E bdunn@lec.edu
 W www.lec.edu/studentlife/

Career Services

T 440.375.7507
 F 440.375.7514
 E career@lec.edu
 W www.lec.edu/career/

Student Success Center and Disability Services

T 440.375.7426
 W www.lec.edu/successcenter/

Academic Learning Center

T 440.375.7111
 F 440.375.7014
 E tutoring@lec.edu
 W www.lec.edu/academics/alc



SPECIAL ACADEMIC OPPORTUNITIES

Academic Programs Abroad

In 1953, Lake Erie became the first college in the United States to institute a mandatory full term of courses to be taken abroad as a requirement for graduation. While this is no longer a requirement for our students, it is a legacy of which we are proud and an experience we still encourage all our students to take advantage of. Fast forward from the 1950s into the new century: Our world is becoming increasingly interconnected, with more and more of the most exciting and well paying jobs requiring cultural awareness, fluency in foreign languages, and the ability to thrive in another culture. Responding to the quickly evolving demands of work skills needed in the modern world, Lake Erie College offers innovative programs designed to introduce students into the global marketplace and, for those who choose such a career path, provide continued opportunities for preparation and growth. Today, you can "go global" in practically any field. What is your passion? Whichever of our four learning communities you participate in, including Business and Entrepreneurship, Arts, Culture and the Humanities, Service, Policy and the Law, or Science, Health and the Environment, from your sophomore year onwards Lake Erie College stands ready to support a semester-long experience or short-term study abroad to help you on your way towards meeting fascinating new people who share your passion, and to further your educational and professional goals.

Semester and Year-Long Programs

Spending a semester abroad is an intercultural experience that integrates cross-cultural enrichment with academic learning and unique study opportunities not often available in the United States. It is, therefore, very much a part of today's total liberal arts education. The Academic Program Abroad (APA) may be used to satisfy one of the general education requirements (cultures and values goal), in conjunction with the IS 300/301 course series. The APA is usually taken during the second half of the sophomore or first half of the junior year, but may be taken at any time from the start of the sophomore year on. The student selects a study center appropriate to individual interest and needs. Often, the choice will depend upon courses available at the host school and/or available facility in a second language; however interest in a particular internship program, a living experience, or a special area of study may also influence the choice of destination. The program includes a semester of preparation for living in another culture prior to departure. While abroad, students work in various subject areas with native faculty, explore aspects of the culture through independent studies or an internship, and keep a journal reflecting thoughts and experiences. Academic credit is awarded at the successful completion of all requirements.

Experiences Abroad are not necessarily more expensive than a semester on campus. Situations vary depending on the individual, but in most cases students pay tuition through Lake Erie College and are registered as a Lake Erie College student while abroad. Financial aid usually applies to the experience, and in most instances, the cost of study abroad is equivalent to or less than a semester of study on campus. All students planning to go abroad

are STRONGLY encouraged to register for IS 300: Intercultural Relationships I as part of their preparation for travel. Students choosing not to take IS 300 must receive prior approval from the Coordinator of International Studies and their academic advisor. Students who do not take IS 300 will be ineligible for completing their cultures and values general education requirement while abroad. Additionally, students planning on studying in a country having a primary language other than English are STRONGLY encouraged to have at least 3 semesters of experience in the target language, or otherwise demonstrate similar fluency.

Short Term Programs

As part of the Go Global campaign, Lake Erie College offers short term study abroad programs of 10 days to approximately 4 weeks in length. These programs are taught and led by Lake Erie College faculty to various destinations, and are taken either during the J-term session in January or during the summer session immediately after spring graduation. These programs may consist of a semester of instruction on campus before or after the trip, intense accelerated classes while abroad, or a combination of both. These courses are offered to all full-time undergraduate students who meet the minimum requirements of a 2.5 cumulative GPA, are in good standing with the school, and who complete a study tour application for committee review and approval. They are structured around the learning communities so that in the course of a student's time at Lake Erie, at least one trip in each area should take place. Credit for these trips usually ranges from 4-8 hours depending on the trip. Students applying to go on these tours may also apply for a one time subsidy to help pay for the cost of the trip. This is available beginning after the end of the fourth consecutive full-time semester attendance for students who start at Lake Erie College, or after one full year of attendance for students transferring to Lake Erie College. The amount of this subsidy varies depending on the cost of the trip and the number of enrollments in a given year. For more information on these requirements or to apply, please contact the Coordinator of International Programs at 440-375-7178. While students may participate in more than one trip, they may only receive one subsidy.

Although students are encouraged to take these trips as early as possible, graduating seniors who wish to participate in a trip taking place in the semester immediately following their graduation may do so IF the trip departs within 20 days of graduation and if they have successfully submitted an application and are otherwise eligible with regards to GPA and residency requirements. They may also still apply for the subsidy, assuming it has not been used previously. Credit earned in such cases will be post-baccalaureate in nature and will not count towards a degree.

Students must fulfill the appropriate on-campus course and/or meeting requirements in order to participate in the trip portion of the course, or must meet the required class schedule while overseas as the case may be, in order to earn credit for this trip. The trip portion of the experience itself is also academic in nature,



and must be satisfactorily completed in order to earn a passing grade in the course(s). Students will be held to the standards of student codes of conduct while abroad. Anyone violating these codes will result in the student being sent home at their own cost. Students must also be in reasonably good health. Travel for any student with a pre-existing health condition must be approved by the student's physician, and all participants are required to pass a physical.

Academic Learning Center (ALC) *tutoring@lec.edu*

The Lake Erie College Academic Learning Center serves as a focal point within the College community for the creation and promotion of an enriched learning environment where all students have the opportunity to fulfill their academic potential. The ALC provides students with a range of services to enhance specific academic skills, and thereby increase their prospects for academic success. The Center is divided into three primary areas: the Writing Center, the Math Lab, and Tutorial Services.

The mission of the Lake Erie College Writing Center is to assist students in becoming stronger, more confident writers. The Writing Center is open to any student who wants to enrich his/her writing or develop presentations for class. The Writing Center is not limited by discipline – students from all classes and majors are welcome in the Writing Center.

Writing Assistants can provide help in all areas of the composition process. Whether students need help understanding the text, generating ideas, writing a paper draft, editing their work for clarity and conciseness, or working on sentence level grammar and structure concerns, the Writing Center is there. In addition to written communication, Writing Assistants can provide assistance in developing class presentations. Writing Assistants will not do the work for the student, but the Writing Center supplies a space where students can think through their ideas and talk with a trained peer about ideas, goals, and plans for the assignment. Each Writing Assistant must first complete a semester-long course in Composition and Writing Center Theory as part of their initial training.

The Math Lab is available on a walk-in basis for students to be able to get help with any mathematics courses in which they are enrolled. Some math courses require students to attend the Lab on a weekly basis so they may work in small groups on classroom assignments, review for upcoming exams, or ask questions about any concepts with which they may be having difficulty. The purpose of these directed Math Lab sessions is to provide students with additional hands-on learning opportunities in order to supplement the material already covered in the classroom. Oversight of the Math Lab is maintained by experienced professional educators who, along with a number of peer tutors, are available to assist students during the hours of operation.

Tutorial Services cover any subject area not already addressed by the Writing Center or the Math Lab. Coverage is typically offered

for all business courses, as well as some areas of psychology, biology, chemistry and statistics. Foreign Language assistance is normally coordinated through the Department of Languages and Communication, although additional help may be requested through Tutorial Services. Assistance in subject areas not currently listed may be requested directly through the Academic Learning Center section (under the Student tab) of Lake Erie Online (LEO), by email at tutoring@lec.edu, or by contacting any member of the ALC staff.

To ensure a high level of competency, all peer tutors have secured the recommendation of a full-time faculty member, and have demonstrated a high level of proficiency in advanced coursework. All tutoring services are free to Lake Erie College students, and are offered throughout the week at convenient times in the morning, afternoon, and evening. The hours of operation for all of the ALC services are listed on LEO, on posters periodically displayed across campus, and also through regular email updates.

Independent Study/Individual Investigation

An Independent Study is a course offered regularly in the curriculum but which is necessary for the students to take on an individual basis.

An Individual Investigation is a focused-research or advanced performance project, not offered in the current undergraduate catalogue. An individual investigation course provides a student with the opportunity to explore a special topic of interest with a faculty member knowledgeable in the subject matter. Unlike a regular course taught in the classroom, an Individual Investigation involves a relatively unstructured format defined by the student and the instructor. Since the individual investigation is a method and not a subject, it is expected that a student will be registered for the actual subject of the study, described in a way that can be entered on the transcript under the number 160, 260 or 360 which indicates the elementary, intermediate or advanced level of the work to be performed.

Students will be limited to one Independent Study/Individual Investigation per academic year. An additional course fee may be assessed. To be eligible for independent coursework, the student must:

- Have attained junior or senior status
- Have a cumulative GPA of 3.0
- Have a 3.0 in the major, minor or concentration, if the course will satisfy a requirement
- Complete an Independent Study Individual Investigation Form

Credit for Post Secondary Enrollment Option Coursework

Students who have completed college coursework through a dual enrollment program while in high school must provide official transcripts from the college or university to receive credit at Lake Erie College. Transfer course policies as stated in the Criteria for Acceptance of Transfer Credit section of this catalog apply.



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Credit for Prior Learning

Students who believe they have achieved college-level learning through work and life experiences may request that their learning be assessed for academic credit. A maximum of 32 semester credits may be awarded through any of the College's methods for assessing prior college-level learning. These credits may be used to meet the general education core requirements, major requirements or as electives. Methods of assessing college-level learning acquired outside of a formal classroom include: examinations offered through the College Level Examination Program (CLEP) or the Dantes Subject Standardized Test (DSST); having completed programs recognized by either the Program on Non-collegiate Sponsored Instruction (PONSI) or the American Council on Education (ACE); the writing of an individual prior learning portfolio and several others. Students who choose to write a prior learning portfolio must enroll in PL 100, Prior Learning Portfolio Development and must submit their portfolio for assessment. Information on using credit for prior college-level learning may be obtained from the Dean of Business.

The Lake Erie College Scholars Program

The Lake Erie College Scholar Program is an exciting option that focuses on an interdisciplinary core of courses designed to challenge and stimulate our brightest students.

Requirements: An Lake Erie College Scholar must take honors sections courses in five of the six core area requirements, the Freshman Honors Seminar, and a Senior Honors Seminar, capped by a 20-30 page thesis written under the direction of a faculty member in her/his major. Unless AP credit or other means of waiving requirements are granted, honors program students must fulfill all other basic proficiencies in the general education core, with the exception of EN 101. Students who apply as freshmen must complete 28 credits; to remain in the program, Lake Erie Scholars must maintain an overall grade point average of 3.5 or better.

Requirements: (honors courses are distinguished by an H section designation)

Freshman Honors Seminar EN 102 (4 SH)

Core Requirements: Students must complete five of these six courses.

Critical Thinking Skills

HU 125 H Critical Thinking Through Controversy (4 SH)

Analysis of Sophisticated Texts

PR 111 H Issues in Western Culture (4 SH)

Foundation of Cultures and Values

IS 200 H Peoples and Cultures in Contrast (4 SH)

Experiences with Aesthetic Forms

FA 101 H Arts and their Interrelations (4 SH)

Principles and Application of Scientific Inquiry

BI 101 H/BI 101L H (lecture and lab) Introductory Biology I (4 SH)

Analysis in Behavioral and Social Sciences

SO 112 H Contemporary Social Issues (4 SH)

Capstone Experience

Senior Research Project (4 SH)

This is a requirement for all graduating seniors; topic and scope determined in conjunction with faculty director in major area. Students in the Scholars Program are required to make a presentation of their research projects to the campus community at the annual Lake Erie College Scholars Research Colloquium.

In addition to the honors designation on the diploma, other benefits include a \$1,000 Merit Scholarship for every year in the Lake Erie Scholars program; priority registration for every term after the first semester; special research and social opportunities with faculty; special internship opportunities and special study abroad tours.

Students who meet the program's admission requirements will be sent a letter of invitation and an application from the director after they have applied to Lake Erie College. The application requests basic personal information and the composition of a 500-word essay on a selection of topics.

Learning Communities

Learning Communities allow students to celebrate their academic interests and grow through experiential learning. Academic programming in the Learning Communities fosters student engagement and promotes collaborative ideas.

Students who actively participate in a Learning Community during their freshman year will be eligible to apply for Student Leadership positions, as well as programming scholarships which may be used toward special events or study tours during the sophomore and junior years.



The Arts, Culture and Humanities Learning

Community is designed for students who are passionate about exploring the essence of what it means to be human—to communicate through the power of the written and spoken word, to express

creatively our deepest emotions and grandest aspirations, and to engage other cultures while considering how we uniquely relate to the global community.



Students in the Business and Entrepreneurship Learning Community will discover the ins and outs of what it takes to lead, manage, and grow an organization. Real-world learning will take place through some of the region's most sought-after

internships, apprenticeships, and work-study programs; all under the guidance of accomplished faculty, awarded, recognized and respected in the fields of accounting, business management, finance, marketing, international studies, communication, and the equine industry.





Students in the Science, Health, and the Environment Learning Community are poised to explore the wonders of science. Within this community, students will begin their journey toward a career as a physician, nurse, pharmacist, veterinarian, biologist, chemist, environmental scientist, physical therapist, or mathematician.



The Service, Policy, and the Law Learning Community has a goal of providing students with a solid foundation of essential knowledge, experiences, and skills from which they may begin a professional career or continue on to pursue graduate studies in the social sciences, teaching, or the legal field. Programming in this community is diverse and cross-disciplinary, and spans the range from courses focusing on topics such as equine-assisted psychotherapy to social justice internships within the area's several court systems.

Freshmen accepted into a Learning Community will enroll in a specialized seminar related to their particular area. These seminars allow students to interact with like-minded peers who, while sharing similar career aspirations, nonetheless bring their own unique perspectives to the table. Each seminar is led by a distinguished faculty member who will aid students in the exploration of a specialized topic within their discipline in a fun and interactive manner. Throughout the year, selected students will be invited to participate in a variety of programs including career development opportunities, guest lectures, workshops, and associated activities. During their second semester, students may participate in an e-portfolio development course. E-Portfolios may be used to document experiences such as internships, performances, and samples of exemplary work; the course will also include intentional activities that assist students in identifying their own key learning objectives, a process highly valued by both employers and graduate schools.

During their sophomore and junior years, participating students will be expected to continue building upon the foundations already established through their previous experiential learning opportunities, which include the series of specialized programming and events. At this point, students will also have the chance to apply for a truly unique and enriched capstone experience where they may travel with their Learning Community peers in a study tour abroad.

Lake Erie College Center for Entrepreneurship

Lake Erie College has undertaken significant steps toward making entrepreneurship a common and accessible experience for all of our students. We have branded this vision as *Put Your Passion to Work™*. Many measures are used to demonstrate the progress, continuous improvement and success of the Center in six key areas - student engagement, faculty engagement, faculty development, experiential engagement, community involvement and value creation and commercialization. The

development of the entrepreneurship curriculum has already capitalized on the initiative of faculty from all disciplines. The College has developed an entrepreneurial studies major and minor, an equine entrepreneurship degree program and several additional entrepreneurial courses. A Visiting Professor of Entrepreneurship has also been added. Lake Erie College's Center for Entrepreneurship opened in College Hall in April 2007 as part of the Northeast Ohio Collegiate Entrepreneurship Program (NEOCEP) with funds provided by the Burton D. Morgan Foundation and the Ewing Marion Kauffman Foundation.

Lake Erie College Veteran Education & Transition Support Program

Lake Erie College is approved by the State Approving Agency for Veterans training. All incoming Veterans should contact the V.E.T.S. (Veteran Education & Transition Support Program) Coordinator who will handle all the aspects of enrolling into Lake Erie College. Lake Erie College is proud to be a "Yellow Ribbon" college in agreement with the Department of Veterans Affairs. Veterans will process with the VETS Coordinator to determine what benefits the veteran will be eligible for including FASFA (Free application for Student Aid). The mission of the V.E.T.S. Program at Lake Erie College is to facilitate the successful enrollment, retention, graduation and employment of all of our Military Veteran Students. We will do this by assisting them in transitioning from the military to the civilian world successfully. The V.E.T.S. Coordinator provides benefit and education counseling, program information, referral to various agencies, and will assist eligible students to receive education benefits under various state and federal programs while maintaining a congenial working relationship with the Veterans Administrations and other agencies serving veterans.

V.E.T.S. Program Point of Contact:

Mr. Bob Mastronicola, Jr
US Army Retired

V.E.T.S. Program Coordinator

Office Location: College Hall, Rm 329 & 330,

Office (440) 375-7007

Cell: (440) 413-4952

E-Mail: vets@lec.edu

Early Admission Agreement Between Lake Erie College and Duquesne University Law School

Lake Erie College (LEC) and Duquesne University Law School (DULS) have established a 3+3 Program in which a student completes three full years of study at LEC, followed by three years at DULS, culminating in a baccalaureate degree from LEC after the fourth full year of study and the J.D. degree from DULS after the sixth full year of postsecondary study. DULS will accept for regular admission all candidates from LEC who meet the following eligibility requirements:

- cumulative GPA of 3.50 or above for three years (96 cr.);
- completion of one undergraduate major program of study



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SPECIAL ACADEMIC OPPORTUNITIES cont.

- and all general education requirements;
- minimum LSAT score in the 60th percentile, taken by the end of the fall term of junior year;
- recommendation by a jointly administered Selection Committee;
- completion of DULS Office of Admissions protocols and application.

Please direct any questions concerning the Law School Early Admission Agreement to the Associate V.P. of Academic Affairs in the Office of Academic Affairs.

Critical Languages Consortium

Lake Erie College participates as a charter member of the Critical Languages Consortium (CLC) of northeastern Ohio. The CLC consists of one public university (University of Akron) and six private colleges (Lake Erie College, Hiram College, John Carroll University, Notre Dame College of Ohio, Siegel College of Jewish Studies and Ursuline College) that collaborate to provide synchronous distance learning in modern languages that are federally defined as "critical." Contact the Office of Academic Affairs for further information.

Preferred Interview Status – NEOUCOP

Lake Erie College and the Northeastern Ohio Universities College of Pharmacy (NEOCUP) have a Memorandum of Understanding whereby Lake Erie College students qualify automatically for an interview for admission to NEOUCOP, provided the student: has completed at least 30 SH of instruction at Lake Erie College; has maintained a 3.50 GPA and has scored in the 75 percentile or higher on the Pharmacy College Admission Test (PCAT). In recent years, NEOUCOP has offered personal interviews to only about one-half of all applicants. Students interested in this Preferred Interview Status are encouraged to contact the Office of Academic Affairs as early as possible during their undergraduate career.

Lake Erie College Partnership with Rochester Institute of Technology for Accelerated MBA Program

Lake Erie College and the Rochester Institute of Technology E. Phillip Saunders College of Business have established an agreement which allows qualified students, who have earned a bachelor's degree at Lake Erie, to accelerate their progress through the RIT College of Business MBA program.

Through the agreement, Lake Erie College graduates who are accepted to the RIT MBA program will have the opportunity to waive select MBA courses given that a student earns a "B" or better grade in the required undergraduate courses. A maximum of four MBA foundation courses may be waived for a period of up to five years from the time the undergraduate course was completed. This agreement offers Lake Erie College graduates an opportunity to complete the RIT MBA program in as few as five academic quarters.

Lake Erie College students must demonstrate an overall strong

potential for success in graduate business study based on their GMAT scores and undergraduate academic performance before being admitted to the E. Phillip Saunders College of Business.

Founded in 1829, RIT is an internationally recognized leader in professional and career-oriented education and enrolls more than 15,000 students in eight colleges.

Lake Erie College Partnership with Mount Carmel College of Nursing for combined degree program

Lake Erie College and Mount Carmel College of Nursing have established an agreement that will enable students to receive a Bachelor of Science degree in biology from Lake Erie College after three and a half years of undergraduate work and a Bachelor of Science in nursing from Mount Carmel in three additional semesters through its Second Degree Accelerated Program. The degree path at Lake Erie will incorporate a highly-focused program which allows students to take all prerequisites needed before entering the intense 13-month Second Degree Accelerated Program.

The agreement between Lake Erie and Mount Carmel offers 15 slots in Mount Carmel's accelerated program to qualified Lake Erie College students. As an added benefit, the combined degree program also offers students the ability to immediately enroll in graduate-level courses at Mount Carmel with provisional admission to the master's program, which offers a Master of Science Degree with tracks in nursing administration, adult health and nursing education.

To advance to Mount Carmel, Lake Erie College students must maintain a minimum 3.0 grade point average and complete an interview. For more information, contact the Lake Erie College Office of Admissions at 800.916.0994 or visit www.lec.edu.

Lake Erie College Partnership with Auburn Career Center

Lake Erie College and Auburn Career Center in Concord Township, OH have established an agreement that enables students completing the Auburn Career Center Business Program to receive academic credit at Lake Erie College for ET 201 Fundamentals of the Enterprise (4 SH) upon enrollment at Lake Erie College as a degree seeking student. Contact the Registrar's Office for additional details.



Academic Calendar and Course Scheduling

The calendar for the academic year is divided into two semesters, each fifteen weeks long. Courses normally meet in regularly scheduled sessions, two or three times per week throughout the semester. Exceptions occur when justified by educational objectives or special methods of instruction. Seminar, laboratory, studio and independent study courses are scheduled in order to provide the kind of experience called for by the nature of the work.

Registration Dates

Dates of registration are published in the Academic Calendar as established by the Registrar. Registration for currently enrolled students takes place during the preceding semester. Students are expected to have the approval of their faculty advisor. Transfer students entering Lake Erie College for the first time select courses in consultation with an assigned advisor. First-time freshmen students work with the Office of Academic Advising, who will assist them in the selection of courses for their first semester.

Students may register for courses following the registration calendar set by the registrar and at any time after obtaining advisor approval.

Registration Changes

Changes in enrollment or registration after formal registration for classes will be permitted only through the Registrar's Office. This applies to courses dropped or added. No courses may be added or dropped after the first calendar week of classes (weekday or weekend). The change or withdrawal process will not be considered complete until the Schedule Change Form is received in the Registrar's Office.

Withdrawal from a Course

1. A student withdrawing from a course at any time after the full refund period and through the fifth week of classes will have a letter "W" recorded on the transcript.
2. A student withdrawing from a course between the beginning of the sixth week and the end of the ninth week will have recorded a grade of "WP" or "WF" to reflect academic status at the time of withdrawal. While these grades are recorded on the student's transcript, neither is considered in computing the grade point average.
3. No withdrawal will be permitted from a course after the end of the ninth week. Under certain circumstances an "Incomplete" grade may be appropriate. See information about this grade under Grading System. A student who withdraws from a course without following the formal procedures will automatically receive the grade of "F."

Tuition fees paid by a student authorized to withdraw are returnable only as indicated under "Refunds" in the Tuition and Fees section of this catalog.

A student with extenuating circumstances may request a late withdrawal by completing a late action petition. Petition forms are available in the Registrar's Office.

Academic Advising *advising@lec.edu*

Every student at Lake Erie College is assigned a faculty advisor within his or her major area of study. Advisors will assist students with formulating educational goals or career plans, explaining College policies, and selecting courses each term. Each student is required to meet with his or her advisor each term prior to registering for classes online through LEO. Students who are still exploring possible majors will either have a representative from the Office of Academic Advising, or a designated faculty member assigned as their advisor.

LAKE ERIE ONLINE (LEO) is a secure online registration/information system available to all Lake Erie College students. Using this system, students can register for classes; view their schedule, grades, or academic transcripts; review financial aid information; make payment arrangements; download course materials, and more.

Academic Credit

The standard academic unit at Lake Erie College is the semester hour. Courses are assigned semester hour values to reflect the differing amounts of classroom contact, laboratory or studio activity and outside preparation they require.

Student Course Loads

Twelve credit hours per semester is considered a full-time load. Thirty-two semester hours of credit during the year or sixteen credit hours per semester would be required to complete degree requirements in four years. Students who work full-time are advised to carry not more than two courses per term. A maximum of twenty-six credit hours may be taken during a single semester.

Classification Status

Student classification is based on total credit earned. Classifications are updated at the beginning of each semester.

Freshman:	0 – 31 total semester credits
Sophomore:	32 – 63 total semester credits
Junior:	64 – 95 total semester credits
Senior:	96+ total semester credits

Enriched Courses

Courses with the section designator of "EN" are enriched versions of already existing catalog courses (Ex: HI238, Section EN). These courses typically include additional topics, accelerated learning and higher expectations of student performance than in regular class offerings. Generally, enriched courses are upper-division courses within a major. Permission of the instructor is required.

Class Attendance

Regular attendance at all classes is important to the progress of the student. Classes are usually small in size which gives



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every student an opportunity to make a contribution in each class session. The exchange of ideas and the give-and-take of discussion are vital parts of the educational process. It is therefore important and necessary that students avail themselves of the opportunities afforded by the class sessions. Careful preparation for class is an important part of the total program. Instructors are usually willing to help a student with make up work when the reason for class absence is reasonable and unavoidable. At the beginning of each semester, each instructor should inform students of all class requirements. Failure to attend the first class may cause a student to be dropped from the course at the discretion of the instructor. Freshmen are required to attend all classes. Students on academic probation must attend all classes by order of the Academic Standards Committee.

Missed Class Policy

The policy of Lake Erie College is that students are expected to attend all classes and complete all assignments and/or examinations during the posted times. Circumstances occasionally dictate that not all students are able to attend all classes. Absences therefore fall into three main categories: a) absences because of other class activities; b) absences because of official College functions; and c) absences due to personal/medical reasons. Regardless of the reason for the absence, the responsibility is upon the student to contact his/her instructor before the absence so that a mutually agreeable solution can be reached regarding the work to be completed and how the course grade may be affected in light of the absence(s). If the student and instructor are not able to negotiate a mutually agreeable solution, the student has the option of appealing to the Dean overseeing the course for a final verdict. In the event of absences due to personal/medical reasons in which prior notice was not possible, instructors may require students to provide documented proof of the emergency.

Individual instructors may establish attendance standards in their course syllabi which become criteria for assessment and evaluation. Students accumulating absences in excess of these standards risk significantly lowering their grade, and may thereby jeopardize their academic standing as a result.

Academic-Athletic Conflicts

At the start of each semester, student-athletes must determine if any conflicts exist between their academic (classes, projects, trips, etc.) and athletic (competitions, away games, etc.) schedules. It is the *student's responsibility* to discuss these conflicts with his/her instructors. No classes are to be missed for practices. Further, student-athletes must notify their instructors, and make the necessary arrangements to complete missed assignments, take exams, or secure lecture notes, per the policy above.

Upon notification of any non-scheduled contest (make-up games, postseason tournaments, etc.), the student-athlete must notify his/her instructors whose classes are in conflict and make arrangements to talk face to face with them immediately.

Cross-Registration

Full-time students can broaden the scope of their educational opportunities through a system of cross registration. Students in good academic standing may enroll in no more than one course per semester at any of the participating Northeast Ohio institutions providing the course is not currently offered at Lake Erie College. Participating students pay Lake Erie College tuition for the course and are responsible for transportation costs, laboratory fees or any special course fees required by the host institution. Cross-registration credit is considered resident work and is counted as Lake Erie College credit for purposes of the senior residency requirement. The cross-registration program does not apply to summer sessions and students will not be allowed to register for independent study or tutorial courses. For further information, students should contact the Registrar's Office.

The Grading System

Grades are normally assigned and averages computed on the following basis:

- A Excellent
- B Good
- C Satisfactory
- D Passing
- F Failure
- I Incomplete – Faculty members may award an I grade (Incomplete) only when the examination or coursework has not been completed because of illness or other circumstances beyond the student's control. Students requesting an Incomplete must initiate the process with the instructor to create a written statement of the work to be completed and the time limits for its completion. The student must sign the form, obtain the instructor's signature and return the signed form to the Registrar's Office. The Registrar shall then enter an I grade and furnish the student with a copy. The Registrar has the discretion to accept email documents to replace signatures.

All work must be completed within the stated deadline or by the fourteenth week of the following semester. An extension of this deadline must be approved by the Academic Standards Committee of the Faculty (ASC). The "I" grade will be removed when the instructor submits a final letter grade within the established deadline. No student shall graduate from the college with an Incomplete unless permission is granted by the ASC. For the purposes of determining Academic Standing, the "I" grade will be treated as an "F" grade in calculating cumulative grade point average. This calculation will not show on the student's official academic record.

Grade point averages are computed under the following point system:



A	=	4.0 points
A-	=	3.7 points
B+	=	3.3 points
B	=	3.0 points
B-	=	2.7 points
C+	=	2.3 points
C	=	2.0 points
C-	=	1.7 points
D+	=	1.3 points
D	=	1.0 points
D-	=	0.7 points
F	=	0.0 points

The grade point average (GPA) is determined in the following manner:

1. The total number of points earned is calculated by first multiplying the point-value of each grade by the number of credit hours of that grade earned and then totaling the results of all grades.
2. The total number of points earned is then divided by the total number of local quality credit hours attempted.

A 2.00 cumulative grade point average is required for graduation. The following grades do not affect the GPA: W, WP, WF, P, FR, AU (Audit).

Audit Policy

Degree-seeking students may audit one course per semester and must inform the Registrar's Office of their intent at the time of registration. The tuition and fees are the same for an audited course as they are for a graded course. The course will show on the student's transcript as "AU".

Alumni may audit one course per semester at the level of the degree they received from Lake Erie College. The cost is the per-credit hour College Fee.

Senior citizens may audit one course per semester for a nominal fee. Please contact the Bursar's Office for the exact amount.

Pass/Fail Policy

In certain courses, performance is evaluated as Pass (P) or Fail (FR); grade point averages are not affected by such grades. A grade of Pass is equal to a grade of "C" or higher. Only elective courses may be taken Pass/Fail, with some exceptions; exceptions include internships and educational field experiences, at the discretion of the department. Elective courses specified within the major cannot be taken Pass/Fail.

The following conditions apply to the Pass/Fail option:

1. Students must be in good academic standing (2.0 cumulative GPA).
2. Freshmen may not choose the Pass/Fail option.
3. Students must choose the Pass/Fail option at the time of

registration. Changes are not allowed after the second week of classes.

4. Students may choose no more than 12 semester hours on a Pass/Fail basis.
5. Faculty members will not be officially notified by the Registrar's Office when a student has chosen the Pass/Fail option for their course.
6. Students taking a course on a Pass/Fail basis must complete the same course assignments as students on a traditional grading system and receive a grade of C (not C-) or better to be assigned a grade of Pass. The Registrar's Office will convert the grade submitted to a "P" or "FR" as appropriate.

Grade Appeal

Under ordinary circumstances, faculty members reserve the right to give the final grade to a student. To change a final grade, there must be compelling and justifiable reasons to implement a grade appeal process.

1. Students must first contact the faculty member issuing the grade in an attempt to resolve the issue. Students must contact that faculty member immediately upon receiving the final grade for the course.
2. If the issue is not resolved to the student's satisfaction, he or she must appeal to the Dean of the area.
3. If the issue is still not resolved to the student's satisfaction, he or she must appeal in writing to the Academic Standards Committee (ASC) within one month of receiving the grade.
4. The student must present compelling specific reasons in writing in order for ASC to initiate further action. Some of the specific reasons include, but are not limited to: clerical error not acknowledged by the faculty member, harassment, change in grading standards during the term and gross incompetence.
5. ASC will contact the faculty member in question in order to provide a platform for him or her to present the rationale for the grade in question.
6. If ASC believes that the "probable cause" warrants further review, then a grade appeal process will follow. A Grade Appeal Committee will be formed.

The Grade Appeal Committee shall be composed of the following:

- A member of ASC
 - A member of the faculty within that discipline or a similar discipline, appointed by ASC
 - A faculty member outside of the discipline, appointed by ASC
 - The president of the Student Government Association or a delegate selected by the President of SGA.
7. The student must provide to ASC all relevant information for determining the final grade, including written assignments, attendance, papers, etc., in advance.



8. The Grade Appeal Committee will inform the VPAA of their recommendation. The VPAA will inform the Registrar, faculty member and student of any changes in a timely fashion.
9. The faculty member may make the grade change at any time in this process and must notify ASC of doing so.

Repeat Course Policy

Any student receiving a grade of C- or lower in a course may retake that course one time. In the case of a repeated course, only the higher grade of the two attempts will be used to calculate the cumulative GPA. If the grade received is an F, the student may repeat the course until credit is earned. Only the first F is forgiven; every subsequent grade will be used to calculate the cumulative GPA.

Grades from all course attempts will appear in the student's academic record. A student may retake no more than two courses for which he or she earns a grade of C-, D+, D or D-. Credit hours for a repeated course, or its equivalent, will apply only once for the purposes of meeting degree requirements. Only credit hours earned from a first course attempt will count for Progress Toward Degree requirements.

Credit from Other Institutions

Students may register for courses at other institutions. If such courses are to become part of the program through which the student plans to meet the degree requirements of the College or requirements for certification for teaching, the student must file a transient student form with the Registrar's Office in advance. Credit hours earned in such courses do not count towards residency hours. Grades earned in such courses are included in the student's record but are not included in the computation of the grade point average. Such registration cannot be retroactive.

Academic Reports

Reports of final grades are available via the Lake Erie Online (LEO), secure portal at the end of each semester. Grades are no longer sent by mail.

Transfer Evaluation Appeal Procedure

A student who has transferred to Lake Erie College will receive a copy of his or her transfer credit evaluation soon after being officially admitted to the College. The student should review this evaluation immediately to be certain that all credits earned at other colleges and universities have been considered. It is the student's responsibility to send to the Lake Erie College Registrar's Office an updated copy of any transcript listing credits that were not completed at the time of the student's original transcript evaluation. Credits will not be applied until an official transcript is received by the Registrar's Office.

A student who desires to challenge Lake Erie College's award of transfer credit must follow the procedure below:

1. Contact the transfer evaluator to attempt to resolve the matter. The transfer evaluator will confer as necessary with the Registrar.
2. If the student and the evaluator cannot resolve the matter, the student may appeal to the Dean who oversees the subject matter involved.
3. If resolution does not occur at the Dean level, the student may make a formal written appeal to the ASC.

A student has six months from receipt of the transfer evaluation in which to appeal the award of transfer credit.

Transcripts of Academic Records

Transcripts are furnished upon payment of a fee for each transcript issued. A request for the transcript must be made by the student, either on the regular form supplied at the Registrar's Office or by written request to that office. The request should show the student's full name and student ID number and dates of attendance. For pick-up or walk-in service, the request should be filed at the Registrar's Office at least three days before the transcript is needed. No transcript will be supplied for coursework taken at other institutions. The Registrar's Office will not release transcripts unless the student has met all financial obligations to the College, returned all library materials and paid applicable fines. An additional fee for rush request may apply.

Name Change Policy

Current Students:

All currently-enrolled students may change their names on institutional records upon the production of evidence showing that the student's name has officially changed. The following documents will be accepted as proper evidence of an official name change:

- Certified copy of a marriage license, court order, or dissolution decree reflecting the new name in full;
- Especially for non-U.S. citizens: Current passport or official proof of identity, certified by U.S. embassy abroad or by the appropriate foreign embassy in the U.S.

Former Students:

Institutional records will only be changed if the former student produces evidence of an official name change. No name will be changed on transcripts or diplomas except where there has been a court-ordered change of name. The following documents will be accepted as proper evidence of an official name change:

- Certified copy of a marriage license, court order, or dissolution decree reflecting the new name in full;
- Especially for non-U.S. citizens: Current passport or official proof of identity, certified by U.S. embassy abroad or by the appropriate foreign embassy in the U.S.



N.B.: For facilitation of records, all former names will remain in the official records system to be cross-referenced.

Reissuance/Replacement of Diploma Policy

Upon receipt of the original diploma, Lake Erie College will reissue a diploma for a graduate whose name has been legally changed. The reissuance fee is \$50 U.S. To protect the institution and continuity of records, the new diploma will have the following printed on its face:

*Original diploma awarded at Lake Erie College on (date).
Upon request of the awardee, this diploma was issued
following a legal change of name.*

The reprinted diploma will carry the precise date the degree was originally awarded and the date of reissue. For practical purposes, the signatures of the officials will be of those currently in office.

Replacing a Lost or Destroyed Diploma Policy

To replace an original that has been lost or destroyed, the reprinted diploma will carry the precise date the degree was originally awarded and the date of reissue. The replacement fee is \$50 U.S. For practical purposes, the signatures of the officials will be of those currently in office. To protect the institution and continuity of records, the new diploma will have the following printed on its face:

*Diploma awarded at Lake Erie College on (date) . Upon
request of the awardee, this document was reissued on
(date) to replace the original that was lost or destroyed.*

Procedures for Obtaining an Apostille

Authentications are often called "legalizations" or "certifications." An Apostille is a form of authentication appropriate to countries which have signed the 1961 Hague Convention Abolishing the Requirement of Legalization for Foreign Public Documents. They are often needed in adoptions, extraditions, applications for jobs or graduate programs abroad and certain business transactions. The essence of these documents is an official statement that an office-holder held a particular office at a particular time. A more comprehensive description of the Apostille is available at:

www.state.gov, keyword search: authentication
http://travel.state.gov/law/info/judicial/judicial_2545.html

the listing of countries who are signatories is at

http://www.hcch.net/index_en.php?act=states.listing .

In order to be able to issue authentications, the Ohio Secretary of State keeps on file the qualification document for the particular official -- the swearing-in paper. Officials covered include notaries public, high level appointees such as Commissioners, members of boards and commissions, dedimus justices, legislators,

Constitutional Officers and certain local offices.

The proper heading for this authentication is:

APOSTILLE
(Convention de La Haye du 5 octobre 1961)

A student should write to the Registrar's Office requesting the Apostille to be attached to a particular document, usually a transcript or statement of certification of graduation, and mention the country to which it is being sent. If a copy of a diploma is being sent, please ensure that it is as large and clear as possible and the official Latin diploma, not the English translation. Because of the labor and charges associated with the preparation of this statement, the processing fee is US \$75. The student should send US \$75 cash, traveler's check or international money order for each Apostille requested, made payable to Lake Erie College. A personal check drawn on a US bank is also acceptable.

Lake Erie College prepares the document normally except that the signature and embossed seal over the signature are affixed in the presence of a notary public and the local Clerk of Courts. The notarized documents are then sent by Lake Erie College, along with a check for the charges, to the Ohio Secretary of State. The package also includes a cover letter explaining the request (including the name of the country in which the Apostille is expected to be used) and a stamped envelope addressed back to the College. When the Apostille and original document are received back from the Secretary of State, Lake Erie sends the entire package onto the US Department of State (as needed) and then onto the originally requested address. The process usually takes three to four weeks.

Academic Standing

Academic standing for any given term is assigned at the close of the semester. Changes in academic standing are effective the official date grades are due according to the published academic calendar. Grade changes, including posting of grades from incompletes, made after the first Friday of the proceeding semester **WILL NOT** change the academic standing assigned.

Academic Probation

The Academic Standards Committee of the Faculty (ASC) reviews the academic progress of all students at the end of each term. A student whose cumulative grade point average falls below the minimum 2.0 required for graduation will be placed on academic probation by the committee for the following semester. While on probation, students are limited to a maximum of 12 credit hours and are expected to attend all classes. Students admitted on probation or placed on probation will be restricted from intercollegiate athletics competition, equestrian competitions, fine arts performances, and leadership officer positions with College recognized student organizations. Any student who cannot raise the level of performance to above a 2.0 cumulative GPA may be refused permission to



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ACADEMIC REGULATIONS cont.

continue as a degree candidate. In order for the ASC to provide a consistent and fair academic dismissal process, the following guidelines have been established:

1. When a student performs inadequately academically by attaining a cumulative grade point average under 2.0, he/she will be placed on academic probation for the entire following semester through the process already determined by the Committee. A student placed on probation will be informed that he/she has one semester in which to raise his/her average to the 2.0 level.
2. While on probation, the student must meet regularly with the Academic Advising Office designee during the probationary semester. The student is limited to a maximum of 12 credit hours. The college reserves the right to alter the student's schedule to accommodate the 12 credit hour maximum.
3. If the student has failed to obtain a cumulative GPA of 2.0 or greater at the end of the probation semester, the individual can be academically dismissed. The academic dismissal letter will be sent within fourteen (14) business days of the date grades are received by the Registrar at either the end of the fall or spring semester, as appropriate.
4. The student who is academically dismissed will receive a certified letter with return receipt requested. It is the student's responsibility to be aware of his or her academic status.
5. The dismissal letter will state that the student has fourteen (14) business days from the date of the letter to appeal the dismissal.
6. The ASC will meet within 14 business days from the appeal deadline date to make a determination as to whether to revoke the previous dismissal decision.
7. A letter notifying the appellant student of the decision of the ASC will be sent by the Registrar within fourteen (14) business days of the date of the appeal decision. In the event that a student is allowed to return, additional requirements may be placed on the student by order of the ASC.
8. Incomplete Courses and Academic Dismissal - When a student is dismissed from the college, all unfinished courses are awarded a W for academic withdrawal. No grades will be given for outstanding incompletes.

Honors

The Dean's List is compiled at the end of the fall and spring semesters. To be eligible, a student must be degree-seeking and have completed at least eight hours of credit at Lake Erie College during the semester, must have no incomplete grades and must have a semester grade point average of 3.50 or higher. Pass/fail courses are not included in the requisite eight semester credits nor do they affect the grade point average.

Graduation honors are given to students who have completed a minimum of 64 SH in residence with the following cumulative grade point averages:

3.80 - 4.00 Summa Cum Laude

3.60 - 3.79 Magna Cum Laude

3.50 - 3.59 Cum Laude

Mortar Board

Mortar Board is a national honor society for college seniors using the criteria of excellence in scholarship, leadership and service. Only students in the top 35% of their class in the junior year are eligible to be nominated. This prestigious group is involved with a variety of service projects both on campus and in the community.

Withdrawal from the College

Inasmuch as all students are held responsible for the observance of the College's academic and social standards, the College reserves the right to request the withdrawal of any student whose standard of scholarship or social behavior is considered detrimental. Please refer to the Student Handbook for further information. Voluntary withdrawal becomes official only after receipt of a written statement from the student. The student's record is then closed. Official transcripts will be made available, upon request, when the General Accounting Office verifies that financial obligations have been met. Students who are not registered for classes for two or more consecutive semesters are considered inactive. Reactivating students need to notify the Registrar's Office. Students who have taken coursework at other institutions during the inactive period must reapply to the Office of Admissions.

Involuntary Medical Withdrawal

When, in the judgment of the College, an individual's behavior is disruptive to the educational and living environment which the College seeks to maintain, that student may be required to undergo psychological evaluation or and/or an investigation by a College Medical Withdrawal Panel for mandatory withdrawal from the College. The Medical Withdrawal Panel will consist of the Director of the Student Success Center (or designee); Director of Academic Advising (or designee) and Dean of Students (or designee) who will chair the panel.

Mandatory psychological evaluation and withdrawal will be considered in cases where there is a threat of danger to self, others or property, or disruption of the educational process and mission of the College. If a student engages in suicidal behavior, the College will respond in accordance with the Suicide Gesture Response Policy described in the Student Handbook. The College will make every effort to work with the student involved, but reserves the right to contact the student's parents/legal guardians or spouse.

The College may remove a student from the residence halls or from attending classes or from the campus on a temporary basis pending the outcome of an evaluation and/or hearing for a mandatory withdrawal if the student presents a risk to self, others or property. Locating an alternate place to stay, if removed from campus is the responsibility of the student and/or their parent(s)/legal guardian(s) or spouse.



Senior Residence Requirement

Candidates for a degree must take 32 of their last 36 semester hours at Lake Erie College. Degrees are not granted in absentia unless a special petition to the faculty is approved.

Second Major/Second Bachelor Degree

A student who wishes to earn a double major must complete all the requirements of each major before graduation. A second major cannot be earned after a student has graduated. Earning a double major does not mean earning a second degree.

A student who has not yet graduated from Lake Erie College and wants to earn more than one degree must complete all the major requirements for each degree program and earn an additional 32 credit hours above the 128 (160 minimum) credits required for graduation. Students who have already earned a bachelor's degree at Lake Erie College or any other accredited institution and desire to earn a second bachelor's degree must complete a minimum of 32 semester credits and fulfill all the current General Education requirements as well as the requirements for the major. A degree cannot be awarded twice; that is, a student can receive only one bachelor of science, bachelor of arts or bachelor of fine arts degree. The major field of study determines the degree awarded.

Catalog in Force

Requirements for graduation are based on the catalog in effect during the student's first semester at Lake Erie College as a fully matriculated, degree seeking student. A student may elect to complete general education and major requirements under a subsequent catalog but must use a single catalog and not a combination of catalogs. Exceptions may be necessary when changes in certification or licensure standards mandate changes in College programs. Course substitutions may be necessary when courses are deleted or changed which results in significant alteration of course content.

Students who withdraw from Lake Erie College to attend another institution or have not taken courses for four consecutive semesters and subsequently return must complete the requirements of the Catalog in force at the time of re-entry. Students who have attended another institution after leaving Lake Erie College must also reapply for admission to the College as a transfer student.

Directory Information

Lake Erie College may release directory information in accordance with the provisions of the law as defined in Title IX. Directory information is defined as the following relating to a student: name, telephone number, date and place of birth, academic major, dates of attendance, degree earned, honors, awards, scholarships, honor societies and Dean's Lists, officially recognized activities or sports and, height and weight of members of athletic teams.

Students have the right to request Lake Erie College to withhold any or all information designated as directory information. Written request to withhold specific information must be submitted to the Registrar within two weeks after the first day of class of the first semester as a student. Requests will be honored for one year. Authorization to withhold information for successive years must be filed annually with the Registrar.

Educational Records and FERPA

Educational records at Lake Erie College are those student records that are kept in the offices of the Registrar, Student Life, Admissions, Financial Aid, Advising, Dean of the College and in the offices housing records of individual academic programs and advisors.

The Family Educational Rights and Privacy Act (FERPA) of 1974 provides access for students to their educational records; permits them to challenge the accuracy of information in those records and limits the release of such information without their explicit consent. Lake Erie College makes available to students those records that students are entitled to review. The College affirms the importance of the confidentiality of student educational records.

Without written consent from the student, no unauthorized persons will have access to nor will the College disclose information from any student's educational records other than that, which is classified as directory information. The exception to this would be persons or organizations providing student financial aid, accrediting agencies carrying out their accreditation duties, governmental representatives, persons acting in compliance with a judicial order and persons in an emergency acting to protect the health or safety of a student. The aforementioned exceptions are permitted under the law.

Within Lake Erie College, only College personnel acting in the students' educational interest and within the limitation of their "need to know" are allowed access to students' educational records.

Educational records do not include: records of instructional, administrative and educational personnel that are the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute; student health and personal counseling records; health records may be reviewed by physicians of the student's choosing; student employment records and alumnae records.

Students may not inspect financial information submitted by their parents or confidential letters and recommendations associated with admissions, employment or honors. The College will permit access only to that part of the record that pertains to the student requesting access. Lake Erie College does not permit access to confidential letters and recommendations placed in a student file prior to January 1, 1975.



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Consent to Release Education Records forms are available in the Registrar's Office.

Student Notification of Rights

Educational records containing personally identifiable information are confidential and will not be released to third persons, except as authorized by law. Students and parents, if dependent for Internal Revenue purposes, have a right (with certain exceptions) to inspect educational records as defined by the applicable statute. Application to inspect educational records should be made to the Affirmative Action Officer. If students believe their educational records are inaccurate, they have a right to a hearing on the merits to correct these records. If the outcome of the hearing also denies the request; students have the right to file a letter of rebuttal that will be maintained as a permanent part of the educational record. Students have the right to file complaints concerning failure by Lake Erie College to comply with the Acts Office, U.S. Department of Health, Education and Welfare, 200 Independence Avenue, SW, Room 526-E, Washington, DC 20201. For further details concerning rights under the law, students should consult the Affirmative Action Officer.

Statement of Academic Honesty

Liberal education nurtures students in their pursuit of wisdom and truth as active members of our society. Lake Erie College provides a supportive environment to struggle with new ideas and new perspectives to reexamine fundamental values. Coursework introduces students to the beauty of classical thought and the joy of the arts, along with the depth and majesty of the sciences. Instructors engage students to think in ways that they have not thought before, to learn to speak the languages of other people, and to become better, more complete human beings. Students learn by engaging with class issues themselves and using their own voice to express their achievements.

Students who submit academic work that is not their own expression are betraying the academic mission of the College. This constitutes academic dishonesty and is treated as a serious matter at Lake Erie College. A student with three separate incidents of academic dishonesty faces expulsion from the College. Although individual faculty members determine what consequences students will face for academic dishonesty in their classes, the Office of Academic Affairs of the College is authorized to take additional action when warranted.

Procedure:

1. After a faculty member has imposed a penalty for academic dishonesty in his/her class, the faculty member must forward the student's name and supporting materials documenting the case to the Registrar's Office for a confidential file. In order to protect privacy of students, other faculty members will not have access to the file or information of its contents. The Registrar's Office will inform the Vice President for Academic

Affairs (VPAA) who will then send a letter to the student reminding him/her of this policy.

2. In the case of a second offense, the Registrar will inform the VPAA of the student's name and status. The VPAA will inform the student by email and by U.S. Mail that a second offense notice has been received and that a third offense will result in expulsion from the College. A copy of the letter will go to the Academic Standards Committee.
3. In the case of a third offense, the Registrar will inform the VPAA of the student's name and status. The VPAA will then recommend to the Academic Standards Committee recommending that the student be expelled from the College through a formal letter to the Committee Chair. The VPAA will inform the student by email and by U.S. Mail that the student has been recommended for expulsion for academic dishonesty. The Academic Standards Committee will meet to review the file and determine whether to implement the expulsion or take other appropriate action. The Academic Standards Committee will record the outcome of its decision in the student's file with a copy to the VPAA and the Registrar. The Registrar will formally notify the student of the College's decision and include a description of the appeals procedure.
4. Once a student graduates, the Registrar's Office purges and destroys his/her record of academic dishonesty. A student's file remains on record indefinitely due to expulsion from the College.

Appeals Procedure:

1. A student who receives a letter notifying him/her of expulsion from Lake Erie College for academic dishonesty will have fourteen (14) business days from the date of the letter to submit an appeal to the VPAA. To file an appeal, the student must provide evidence demonstrating that he/she was not provided adequate process or that there was some serious injustice in the decision.
2. The VPAA will provide a copy of the student's appeal to the Academic Standards Committee of the appeal. The Committee will provide a written rationale for the expulsion to the VPAA within fourteen (14) days.
3. The VPAA will then render a decision on the student's appeal within fourteen (14) business days of receiving that information from the Academic Standards Committee. The VPAA's decision regarding an expulsion is final.
4. Expulsion is effective immediately upon notification to the student by the Registrar, even when the student appeals. Thus, a student may not attend classes while his/her appeal is under consideration by the VPAA.



The Learning Environment

Lake Erie College recognizes that education occurs in a wide range of settings. The institution is supportive of a variety of teaching and learning styles. The College's size allows for personal attention to the educational experience and the institution views itself as a community of learners where interaction of disciplines is encouraged. It seeks to provide students with an environment which promotes the development of personal values, individual responsibility for action and a recognition that learning continues throughout life.

Graduation Requirements

Lake Erie College awards the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Master of Education and Master of Business Administration. General education requirements are the same for all bachelor's degrees; the degree awarded is determined by the student's major field of study. It is the responsibility of the student to be sure that all degree and major requirements are fulfilled by graduation.

Candidates for all bachelor's degrees must:

1. Complete 128 semester hours of credit with a grade point average of 2.0 or higher; 32 semester credits of the student's last 36 semester credits must be taken at Lake Erie College.
2. Complete the general education requirements (basic proficiencies and core requirements) described in this section of the catalog.
3. Complete the requirements for the major field of study identified in the section of the catalog entitled Requirements for the Academic Major. A cumulative grade point average of 2.0 or higher in all major courses is required.

Candidates for graduation must apply by completing the required forms which are available in the Registrar's Office. The deadline is October 1 for December graduation, March 1 for May graduation and July 1 for September graduation. Students who are eight SH from completing all of their graduation requirements are permitted to participate in the commencement ceremony in May.

The Educational Process

The College's course of study is built upon basic proficiencies in written expression, speech, mathematical computation, computer applications and familiarity with a second language. These basic proficiency courses may be waived through the placement process. Courses designated to fulfill the basic proficiencies are listed below:

Basic Proficiencies: (20 Semester Hours)

Goal: To enhance the basic academic skills necessary for success in college and beyond. To facilitate this goal, it is expected

that all students will enroll in both the required English and mathematics courses during their first year of attendance and complete all basic proficiency requirements early in their educational career.

EN 101 Principles of Composition and Research (4 SH)
 CI 101 Computers and Information Processing (2 SH)
 CM 105 Fundamentals of Public Speaking (2 SH)
 FR/GR/IT/SP/LA 101 and 102: Beginning Language I and II (4, 4 SH)
 MT 107 Applied College Algebra (4 SH) OR MT 109 Pre-Calculus I (4 SH)

Beyond these proficiencies, the curriculum is focused on the acquisition of that information and those abilities and experiences which enable students to be successful in college and lead to a liberal arts education. The College seeks to equip students with the abilities necessary for careers, the flexibility to face change and the habits and values conducive to lifelong learning. Many of the courses in the general education core are interdisciplinary. Others may employ interdisciplinary components within the process of teaching, learning and research. Students are encouraged to think how each general education choice relates to other courses within the core curriculum and in their major. The core requirements are designed to meet a series of specific educational goals; these goals and the courses designated to fulfill them are listed below:

Core Requirements: (24 Semester Hours)

Goal: The ability to exercise skills in critical thinking through an interdisciplinary approach to the liberal arts. (4 SH)

One of the following:

HU 120 Travels Through Time and Space (4 SH)
 HU 125 Critical Thinking through Controversy (4 SH)

Goal: The ability to carry out careful analysis of sophisticated texts. (4 SH)

One of the following:

EN 140 Principles of Critical Analysis (4 SH)
 PO 201 Introduction to Political Ideologies (4 SH)
 PR 111 Issues in Western Culture (4 SH)
 PR 101 Introduction to Philosophy (4 SH)

Goal: An awareness of the foundations of cultures and values, both of their own and those of other societies. (4 SH)

One of the following:

FR/GR/IT/SP 201 Intermediate Language (4 SH)
 FR/GR/IT/SP 220 Conversation (4 SH)
 HI 122 World History III: 1815 to Present (4 SH)
 IS 200 Peoples and Cultures in Contrast (4 SH)



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GENERAL EDUCATION REQUIREMENTS cont.

IS 300, 301 Intercultural Relationships (2, 2 SH)
PR 238 World Religions (4 SH)

Note: The requirement for this goal may also be fulfilled by an approved overseas experience or study abroad tour of four semester credits.

Goal: Experiences with aesthetic forms both in theory and practice. (4 SH)

One of the following:

AT 104 Experiencing the Visual Arts (4 SH)
DN 104 Dance in its Time (4 SH)
FA 101 Arts and Their Interrelations (4 SH)
MU 104 Introduction to the Art of Music (4 SH)
TH 104 Introduction to Theater (4 SH)

Goal: Experiences with the principles and applications of scientific inquiry. (4-5 SH)

One of the following:

BI 100 Concepts of Biology (4SH)
BI 101/BI 101L Introductory Biology I (3, 1 SH)
BI 104 Introduction to Environmental Science (4 SH)
CH 103/CH 103L General Chemistry (3, 2 SH)
PC 106/PC 106L Physical Science (3, 1 SH)
PC 201/PC 201L General Physics I (3, 1 SH)

Goal: An understanding of the techniques and strategies appropriate to analysis within the behavioral or social sciences. (4 SH)

One of the following:

EC 200 Principles of Economics (4 SH)
PO 101 Introduction to Political Science (4 SH)
PS 101 General Psychology (4 SH)
SO 111 Introduction to Sociology (4 SH)
SO 112 Contemporary Social Issues (4 SH)

The Major Field of Study

The major field of study is a carefully structured sequence of courses in a single subject or a combination of closely related subjects. Basic or introductory courses are generally not included in the major. No more than 64 semester hours in a single subject designator may be counted towards graduation. A minimum of 20 semester hours of the major field must be completed at Lake Erie College. A minimum grade point average of 2.0 in the major is required for graduation. Degree options and requirements for individual majors are specified in the section of the catalog entitled Requirements for the Academic Major. Opportunities also exist for the design of an individualized major with the assistance and approval of a faculty advisor. Students are required to officially declare a major by the time they reach 64 semester credits earned. A registration hold may be placed by the Registrar's office until a declaration is received.

Selecting an Academic Major

Students are encouraged to declare a major before the end of their sophomore year. Students entering with an associate's degree or with 64 or more semester hours of transfer credit are expected to declare a major upon admission. A student who wishes to earn a double major must complete all the requirements of each major before graduation. A second major cannot be earned after a student has graduated. Earning a double major does not mean earning a second degree.

The Minor Field of Study

Academic minor programs of study generally consist of a series of courses, totaling 16 to 20 credits, that provide a coherent body of knowledge in either a particular discipline or in an interdisciplinary cluster. Although by design not as extensive as an academic major, the pursuit of an academic minor—while not required—will provide content knowledge and a credential in a secondary area of specialization which might well help the future graduate in terms of further postgraduate education and employment. A minimum grade point averages of 2.0 in the minor is required for graduation.



All candidates for an undergraduate degree at Lake Erie College select a specialized area of study known as an academic major. Majors may be disciplinary, interdisciplinary or individualized in nature. It is the responsibility of the student to be sure that all degree and major requirements are fulfilled by the end of the semester in which he or she plans to graduate. Students must fulfill all major course requirements and total major credit hour requirements. Requirements for each of the academic majors currently offered by the College are identified in the following list. Complete course descriptions for all courses in the major can be found in the Course Descriptions section of this catalog.

ACCOUNTING

(Program Accredited by the International Assembly for Collegiate Business Education)

Degree Awarded: Bachelor of Science

The accounting major prepares students to think critically, interpret financial information and plan for the future in a constantly changing business environment. Students interested in the CPA examination are required to earn 150 hours of college credit. Lake Erie College offers accounting majors two options to fulfill this requirement. First, students can elect to take 22 hours of additional undergraduate coursework approved by the individual's academic advisor. Second, qualified students can apply for early admission to the Lake Erie College MBA program. If accepted, Master of Business Administration courses can be taken during the student's senior year and the program can be completed in four additional semesters.

Requirements for the Major:

64 semester credits including:

- AC 101 Accounting Principles I (4 SH)
- AC 102 Accounting Principles II (4 SH)
- AC 301 Intermediate Accounting I (4 SH)
- AC 302 Intermediate Accounting II (4 SH)
- CI 341 Management Information Systems (4 SH)
- EC 200 Principles of Economics (4 SH)
- FN 320 Corporation Finance (4 SH)
- LG 315 Business Law I (4 SH)
- MK 203 Marketing Principles (4 SH)
- MN 200 Introduction to Management (4 SH)
- MN 215 Business Statistics (4 SH)
- MN 216 Applied Decision Models (4 SH)

and 16 credits from the following:

- AC 170/270/370 Special Topics in Accounting (4 SH)
- AC 203 International Accounting (2 SH)
- AC 250/350 Internship in Accounting (2-4 SH)
- AC 303 Taxes & Culture Clinic I (2/4 SH)
- AC 308 Federal Income Taxes I (4 SH)
- AC 309 Federal Income Taxes II (4 SH)
- AC 322 Cost Accounting (4 SH)
- AC 403 Auditing (4 SH)
- AC 406 Taxes & Culture Clinic II (2 SH)
- AC 416 Advanced Accounting (4 SH)

Forensic Accounting Concentration

Forensic Accounting is the integration of accounting, auditing and investigative skills, providing an analysis of financial affairs suitable for a court to discuss, debate and ultimately resolve disputes. Fraud and Forensic Accounting is a growing area of specialization for professional accountants and other professionals in related fields such as law, criminology, sociology, psychology, intelligence, computer forensics and other forensic sciences. Public and private corporations, accounting firms, law enforcement agencies, government and not-for-profit entities all have experienced the need to develop programs to reduce inefficiencies, waste, abuse and fraud including the need to provide or utilize the expertise of fraud and forensic accounting specialists.

16 semester credits including:

- AC 210 Forensic Accounting (4 SH)
- AC 403 Auditing (4 SH)

and two courses from the following:

- CJ 101 Introduction to Criminal Justice (4 SH)
- CJ 220 Criminal Law and Procedure (4 SH)
- CJ 230 Investigative Techniques (4 SH)

ADVERTISING, PUBLIC RELATIONS AND DIGITAL MEDIA

Degree Awarded: Bachelor of Science

This major is an interdisciplinary program that equips students with the skills and knowledge to establish and build relationships between businesses/organizations and their target audiences. The program integrates visual, oral, and written communication skills allowing graduates to create, promote, and advance the strategic visions of organizations. Students choose from 3 concentration areas: Advertising, Public Relations or Digital Media.

Requirements for the Major

62-64 semester credits including:

- AC 101 Accounting Principles I (4 SH)
- BA 201/CM 202 Business Communication (4 SH)
- EC 200 Principles of Economics (4 SH)
- IM 207 Digital Photography and Imaging (4 SH)
- IM 225 Intro to Graphic Communications I (4 SH)
- MK 203 Marketing Principles (4 SH)
- MK 317 Marketing Management (4 SH)



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REQUIREMENTS FOR THE ACADEMIC MAJOR cont.

MK 394 Advertising and Public Relations (4 SH)
MN 200 Introduction to Management (4 SH)
MN 215 Business Statistics (4 SH) OR MT 207 Probability and Statistics (4 SH)

Plus a concentration area:

Advertising Concentration

MK 250/350 Internship in Marketing (2-4 SH) OR CM 250/350 Internship in Communication (2-4)
CM 400 Senior Seminar in Communication (4 SH)

and four courses from the following:

AT 226 Intro to Graphic Communications II (4 SH)
CM 215 Interpersonal Communication (4 SH)
CM 241 Mass Media (4 SH)
MK 334 Consumer Behavior (4 SH)
MK 335 Marketing Research (4 SH)

Public Relations Concentration

CM 250/350 Internship in Communication (2-4)
CM 400 Senior Seminar in Communication (4 SH)

and four courses from the following:

CM 215 Interpersonal Communication (4 SH)
CM 220 Small Group Communication (4 SH)
CM 304 Advanced Public Speaking (4 SH)
CM 320 Principles of Public Relations (4 SH)
ET 221 Techniques of Persuading, Selling and Negotiating (4 SH)

Digital Media Concentration

AT 250/350 Internship in Visual Art (2-4 SH) OR FA 250/350 Internship in Fine Art (2-4 SH)
AT 404 Senior Project (4 SH) OR FA 404 Senior Project (4 SH)

and four courses from the following:

AT 102 Design (4 SH)
AT 103 Dimensional Design (4 SH)
AT 230 Animation (4 SH)
AT 231 Video Editing and Compositing (4 SH)
AT 330 Web and Interactive Art (4 SH)

Recommended electives for those pursuing the Advertising or Public Relations tracks:

LG 315 Business Law (4 SH)
FN 320 Corporation Finance (4 SH)
PO 110 American National Government (4 SH)

ARTS MANAGEMENT

Degree Awarded: Bachelor of Arts

The major in arts management is designed to give students both theoretical and practical experience in arts administration within the framework of a liberal arts education. Students receive the skills necessary to market their own artistic products as well as to manage successfully in not-for-profit fine arts organizations.

Requirements for the Major:

54 semester credits including:

AC 101 Accounting Principles I (4 SH)
AM 300 Principles of Fine Arts Management (4 SH)
AT 225 Introduction to Graphic Communications (4 SH)
FN 315 Accounting and Finance for Not-for-Profit Organizations (4 SH)
LG 315 Business Law I (4 SH)
MK 203 Marketing Principles (4 SH)
MN 200 Introduction to Management (4 SH)

and 16 semester credits of approved studio or theoretical courses at or above the 200 level, with no more than eight credits from any one of the four fine arts areas of art, music, dance and theater

and a minimum of 10 credits from the following:

AM 310 Fine Arts Management Practicum I (1-4 SH)
AM 320 Fine Arts Management Practicum II (1-4 SH)
AM 450 Fine Arts Management Internship (1-4 SH)

Students are advised to take EC 200, Principles of Economics and HU 125, Critical Thinking through Controversy as core general education requirements.

BIOLOGY

Degree Awarded: Bachelor of Science

The major in biology prepares students for several different career options. Students may gain admittance to medical, dental or veterinary school, pursue graduate study or seek employment in research or industry. Those preparing to teach biology in secondary schools should complete courses in a biology concentration in conjunction with education licensure requirements within Lake Erie College's education department. The courses in the biology major provide students with a broad background in biology and chemistry, opportunities for elective courses and a culminating independent research project during the senior year. Biology students should seek advice from the pre-professional advisors to insure that course selections will be appropriate for admission to the graduate or professional schools of their choice. Additional chemistry, mathematics and



physics coursework may be required for admission to graduate or professional programs.

Requirements for the Major:

33 semester credits including:

- BI 101 Introductory Biology I (3 SH)
- BI 101L Introductory Biology I Laboratory (1 SH)
- BI 102 Introductory Biology II (3 SH)
- BI 102L Introductory Biology II Laboratory (1 SH)
- BI 201 Botany (3 SH)
- BI 201L Botany Lab (1 SH)
- BI 212 Zoology (3 SH)
- BI 212L Zoology Lab (1 SH)
- BI 330 Evolutionary Biology (3 SH)
- CH 103 General Chemistry I (3 SH)
- CH 103L General Chemistry I Lab (1 SH)
- CH 104 General Chemistry II (3 SH)
- CH 104L General Chemistry II Lab (1 SH)
- MT 207 Probability & Statistics (4 SH)
- *Note: Prerequisite of MT 109 with a grade a "C" or higher
- BI 490 Biology Senior Capstone (2 SH)

Note: PC 201, PC 202, MT 210 and MT 211 are recommended for students anticipating applying to graduate programs in biology and/or environmental science.

and a required Concentration (choose one):

General Biology

21-24 semester credits including:

- BI 203 Cell and Molecular Biology (3 SH)
- BI 203L Cell and Molecular Biology Lab (1 SH)
- BI 205 Microbiology (4 SH)
- BI 205L Microbiology Lab (1 SH)
- BI 301 Genetics (3 SH)
- BI 301L Genetics (1 SH)
- BI 319 Ecology & Conservation Biology (3 SH)
- BI 350 Internship in Biology (2-4 SH)
- One BI designation 200- or 300-level course (3-4 SH)

Environmental Science

25-28 semester credits including:

- BI 104 Introduction to Environmental Science (4 SH)
- BI 319 Ecology & Conservation Biology (3 SH)
- BI 225 Environmental Management (3 SH)
- BI 231 Introduction to Geographic Information Systems (3 SH)
- BI 241 Ecotoxicology (3 SH)
- BI 350 Internship in Environmental Science (2-4 SH)
- PC 220 Physical Geology (3 SH)
- PC 220L Physical Geology Lab (1 SH)
- One BI designation 200- or 300-level course (3-4 SH)

A post-baccalaureate certificate in environmental science

is offered for students who have a bachelor's degree. The requirements are the same courses that constitute the major.

Pre-Medicine

(including pre-dentistry and pre-veterinary medicine)

53-54 semester credits including:

- BI 203 Cell and Molecular Biology (3 SH)
- BI 203L Cell and Molecular Biology Lab (1 SH)
- BI 205 Microbiology (4 SH)
- BI 205L Microbiology Lab (1 SH)
- BI 220 Medical Terminology (2 SH)
- BI 238 Mammalian Anatomy & Physiology I (3 SH)
- BI 238L Mammalian Anatomy & Physiology I Lab (1 SH)
- BI 239 Mammalian Anatomy & Physiology II (3 SH)
- BI 239L Mammalian Anatomy & Physiology II Lab (1 SH)
- BI 301 Genetics (3 SH)
- BI 301L Genetics (1 SH)
- CH 211 Organic Chemistry I (3 SH)
- CH 211L Organic Chemistry I Lab (2 SH)
- CH 212 Organic Chemistry II (3 SH)
- CH 212L Organic Chemistry II Lab (2 SH)
- MT 210 Calculus and Analytical Geometry I (5 SH)
- MT 211 Calculus and Analytical Geometry II (4 SH)
- PC 201 General Physics I (3 SH)
- PC 201L General Physics I Lab (1 SH)
- PC 202 General Physics II (3 SH)
- PC 202L General Physics II Lab (1 SH)
- One BI designation 200- or 300-level course (3-4 SH)

Note: BI/CH 302 Biochemistry are recommended. These courses may be required for admission to some professional programs.

Pre-Occupational Therapy

37-38 semester credits including:

- BI 238 Mammalian Anatomy & Physiology I (3 SH)
- BI 238L Mammalian Anatomy & Physiology I Lab (1 SH)
- BI 239 Mammalian Anatomy & Physiology II (3 SH)
- BI 239L Mammalian Anatomy & Physiology II Lab (1 SH)
- BI 220 Medical Terminology (2 SH)
- BI 320 Human Physiology (3 SH)
- BI 450 Clinical Observation (1 SH)
- PC 201 General Physics I (3 SH)
- PC 201L General Physics I Lab (1 SH)
- PS 101 General Psychology (4 SH)
- PS 329 Abnormal Psychology (4 SH)
- PS 220 Child Psychology (4 SH)
- SO 111 Introduction to Sociology (4 SH)
- One BI designation 200- or 300-level course (3-4 SH)

Note: Admissions requirements vary among graduate occupational therapy schools. Thus, while the Lake Erie College biology pre-occupational therapy degree meets most graduate occupational therapy program admissions requirements, it does not guarantee admission into a graduate



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OT program. Consultation with admissions representatives from the school or schools of choice early during your undergraduate tenure is highly recommended.

Pre-Physical Therapy

44-45 semester credits including:

- BI 203 Cell and Molecular Biology (3 SH)
- BI 203L Cell and Molecular Biology Lab (1 SH)
- BI 238 Mammalian Anatomy & Physiology I (3 SH)
- BI 238L Mammalian Anatomy & Physiology I Lab (1 SH)
- BI 239 Mammalian Anatomy & Physiology II (3 SH)
- BI 239L Mammalian Anatomy & Physiology II Lab (1 SH)
- BI 220 Medical Terminology (2 SH)
- BI 320 Human Physiology (3 SH)
- BI 321 Exercise Physiology (3 SH)
- BI 450 Clinical Observation (1 SH)
- PC 201 General Physics I (3 SH)
- PC 201L General Physics I Lab (1 SH)
- PC 202 General Physics II (3 SH)
- PC 202L General Physics II Lab (1 SH)
- PS 101 General Psychology (4 SH)
- PS 329 Abnormal Psychology (4 SH)
- PS 220 Child Psychology (4 SH)
- One BI designation 200- or 300-level course (3-4 SH)

Note: Admissions requirements vary among graduate physical therapy schools. Thus, while the Lake Erie College biology pre-physical therapy degree meets most graduate occupational therapy program admissions requirements, it does not guarantee admission into a graduate PT program. Consultation with admissions representatives from the school or schools of choice early during your undergraduate tenure is highly recommended.

Pre-Nursing

44 semester credits including:

- BI 205 Microbiology (4 SH)
- BI 205L Microbiology Lab (1 SH)
- BI 238 Mammalian Anatomy & Physiology I (3 SH)
- BI 238L Mammalian Anatomy & Physiology I Lab (1 SH)
- BI 239 Mammalian Anatomy & Physiology II (3 SH)
- BI 239L Mammalian Anatomy & Physiology II Lab (1 SH)
- BI 221 Biomedical Ethics (3 SH)
- BI 230 Human Nutrition (3 SH)
- CH 211 Organic Chemistry I (3 SH)
- CH 211L Organic Chemistry I Lab (2 SH)
- CH 302 Biochemistry (3 SH)
- CH 302L Biochemistry Lab (1 SH)
- PS 101 General Psychology (4 SH)
- PS 220 Child Psychology (4 SH)
- PS 322 Adulthood & Aging (4 SH)
- SO 111 Introduction to Sociology (4 SH)

BUSINESS ADMINISTRATION

(Program Accredited by the International Assembly for Collegiate Business Education)

Degree Awarded: Bachelor of Science

This major is based on the conviction that all business students, regardless of their career goals, need a broad introduction to the field of business and knowledge of the methods of analysis used for business decisions.

Requirements for the Major:

56 semester credits including:

- AC 101 Accounting Principles I (4 SH)
- AC 102 Accounting Principles II (4 SH)
- BA 324 International Business (4 SH)
- BA 400 Senior Seminar (4 SH)
- EC 200 Principles of Economics (4 SH)
- FN 320 Corporation Finance (4 SH)
- LG 315 Business Law I (4 SH)
- MK 203 Marketing Principles (4 SH)
- MK 317 Marketing Management (4 SH)
- MN 200 Introduction to Management (4 SH)
- MN 215 Business Statistics (4 SH)
- MN 216 Applied Decision Models (4 SH)
- MN 310 Operations Management (4 SH)
- MN 323 Organizational Behavior (4 SH)

All students majoring in business administration are encouraged to take electives in international business, accounting, marketing and mathematics. Internships are strongly encouraged.

CHEMISTRY

Degree Awarded: Bachelor of Science

A major in chemistry reflecting the individual's interest and proposed career should be planned in consultation with the chemistry faculty. Some careers require either post-baccalaureate training in professional schools or graduate study in Chemistry or biochemistry. Students planning post-baccalaureate study should consult appropriate science faculty early in their college careers.

This major prepares students for careers relating to the chemical professions such as laboratory work, teaching or chemical sales, as well as careers that require an advanced degree such as medicine, dentistry, veterinary medicine or Ph.D. level research.

Requirements for the Major:

51 semester credits including:

- CH 103 General Chemistry I (3 SH)
- CH 103L General Chemistry I Lab (1 SH)
- CH 104 General Chemistry II (3 SH)
- CH 104L General Chemistry II Lab (1 SH)



CH 201 Quantitative Analysis (4 SH)
 CH 201 Quantitative Analysis Lab (1 SH)
 CH 211 Organic Chemistry I (3 SH)
 CH 211L Organic Chemistry I Lab (2 SH)
 CH 212 Organic Chemistry II (3 SH)
 CH 212L Organic Chemistry II Lab (2 SH)
 CH 219 Instrumental Analysis (3 SH)
 CH 219L Instrumental Analysis Lab (1 SH)
 CH 302 Biochemistry (4 SH)
 CH 333 Physical Chemistry (3 SH)
 CH 333L Physical Chemistry Lab (1 SH)
 MT 210 Calculus & Analytical Geometry I (4 SH)
 MT 211 Calculus and Analytical Geometry II (4 SH)
 PC 201 General Physics I (3 SH)
 PC 201L General Physics I Lab (1 SH)
 PC 202 General Physics II (3 SH)
 PC 202L General Physics II Lab (1 SH)

CM 270/370 Special Topics in Communication (2-4 SH)

and a minor in an area of interest outside the discipline of communication (16-20 semester credits).

CRIMINAL JUSTICE

Degree Awarded: Bachelor of Science

The criminal justice major at Lake Erie College is an interdisciplinary major comprised of courses in criminal justice, legal studies, psychology and the social sciences. Students will therefore be exposed to a variety of different perspectives on law, justice and human behavior. Many of the faculty are experts in the field including practicing lawyers, forensic psychologists and other clinicians.

Requirements for the Major:

60 semester credits including:

PS 101 General Psychology (4 SH)
 CJ 101 Introduction to Criminal Justice (4 SH)
 CJ 220 Criminal Law and Procedure (4 SH)
 CJ 230 Investigative Techniques (4 SH)
 PS 204 Statistics (4 SH)
 CJ 324 Constitutional Law (4 SH)
 SS 334 Methods of Field Research (4 SH)
 CJ 350 Internship in Criminal Justice (4 SH)
 CJ 400 Senior Practicum (4 SH)

and eight semester credits from the following:
 PO 110 American National Government (4 SH)
 SO 111 Introduction to Sociology (4 SH)
 SO 112 Social Issues (4 SH)

and eight semester credits from the following:
 BI 211 Forensic Biology (4 SH)
 PS 220 Child Psychology (4 SH)
 SO 225 Race and Ethnic Relations (4 SH)
 PS 232 Social Psychology (4 SH)
 MN 200 Introduction to Management (4 SH)

and eight semester credits from the following:
 PS 329 Abnormal Psychology (4 SH)
 CJ 327 Death Penalty in America (4 SH)
 CJ 311 Landmark Cases in Mental Health and the Law (4 SH)
 CJ 330 Juvenile Delinquency (4 SH)
 CJ 331 Judicial Process (4 SH)
 PS 345 Psychology and Law (4 SH)

(students may substitute courses only with permission of the Director of the Criminal Justice Program)

Note: BI/CH 302 Biochemistry are recommended. These courses may be required for admission to some professional programs.

COMMUNICATION

Degree Awarded: Bachelor of Arts

This major provides students with courses both in writing processes and in the history and theory of different forms of communication. This double focus is based on the belief that the processes of oral and written communication must be grounded in substantive understanding of their theoretical and historical backgrounds.

Requirements for the Major:

52-56 semester credits including:

CM 215 Interpersonal Communication (4 SH)
 CM 220 Small Group Communication (4 SH)
 CM 241 Mass Media (4 SH)
 CM 350/450 Internship in Communication (4 SH)
 CM 400 Senior Seminar in Communication (4 SH)

and eight semester credits from:

CM 240 Language in America (4 SH)
 CM 304 Advanced Public Speaking (4 SH)
 CM 342 Criticism of Film & Television (4 SH)
 CM 270/370 Special Topics in Communication (2-4 SH)

and eight semester credits from:

CM 200 Introduction to Management (4 SH)
 CM 202 Business Communication (4 SH)
 CM 303 Interviewing (4 SH)
 EN 310 Journalistic Essay (4 SH)
 EN 315 Creative Writing: Fiction (4 SH)
 EN 316 Creative Writing: Dramatic Forms (4 SH)
 EN 317 Creative Writing: Poetry (4 SH)



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EDUCATION

Degree Awarded: bachelor of arts

Lake Erie College offers programs leading to licensure for early childhood education, middle childhood education, adolescent/young adult and special education: intervention specialist – mild to moderate. Education programs at Lake Erie College are based on a conceptual framework which embodies professionalism, knowledge, collaboration, reflection and a commitment to diversity and the development of all students. Programs are performance based with a focus on field and clinical experiences that provide teacher candidates with opportunities that allow them to develop into professional practitioners.

The programs are designed around the following ten indicators of success: subject matter mastery; student learning; working with a diversity of learners; planning instruction; developing instructional strategies; creating learning environments; learning effective communication skills; assessing students' performance; developing as a professional and working with parents/family members; school colleagues and community members.

Teacher candidates are expected to display dispositional behaviors that demonstrate a commitment to helping children grow and develop a love for learning and an expansive curiosity. Through a liberal arts foundation, teacher candidates acquire a broad based repertoire of knowledge, critical thinking skills and dispositions they need to help their students to become lifelong learners.

The State of Ohio has reciprocity with many other states. Although the specifics of teacher licensure vary from state to state, there is sufficient similarity so that Ohio licensure may satisfy even those states where there is no reciprocity agreement. Candidates are responsible for checking the licensure requirements of other states in which they wish to obtain licensure and for fulfilling the requirements within each state's guidelines.

Lake Erie College teacher candidates complete tests required for licensure in the upper quartile of the state with pass rates of 93-100%. To be recommended for licensure by Lake Erie College, students must pass the PRAXIS II tests required by the State of Ohio before they begin their student teaching experience.

All educational programs are subject to review by the Ohio Department of Education and may require periodic adjustments. The College reserves the right to make changes to the teacher licensure programs as recommended by the State of Ohio.

Licensure for Degree Holders

A person who already holds a bachelor's degree may acquire a teaching license by completing the requirements for the desired license listed in the Teacher Education Handbook. Degree holders should provide transcripts of their college work to the Dean of

the Education Division who will evaluate the transcripts against the license requirements and supply a written list of remaining coursework needed for licensure. In the event that the degree is more than seven years old or if the grade point average is lower than the Lake Erie College Education Department requirements, students may be asked to repeat some courses required for licensure. Although many Lake Erie College courses are offered in the evenings, the professional courses are offered primarily in the daytime to provide opportunity for related field experiences. Therefore, it is necessary for license seekers to be available during the day. The length of time needed to complete licensure requirements will vary depending upon the type of license desired and the number of courses remaining to be completed.

General Requirements for Admission in Education Program

Teacher candidates entering all education programs must have a 2.7 GPA in general education courses. Students are expected to earn a C or better in the following courses: College Algebra, General Psychology, Public Speaking and English. Complete details about the educational programs can be found in the Teacher Education Handbook, which is disseminated to new students in EDC 201 Foundations of Education. Admission to and retention in the education programs are selective and subject to criteria spelled out in the handbook. Students not admitted to the education program may not take senior-level education courses or educational clinical experiences. Transfer students must meet with the dean or an advisor to plan for admission to the program during their first semester on campus.

All Education majors required a 2.7 cumulative grade point average to graduate.

NOTE: Although student teaching is not a requirement for graduation, it is mandated for licensure in all areas. Because of the state requirements for licensure, Lake Erie College education students generally complete more than the 128 minimum required credit hours.

Early Childhood Education:

Students who wish to teach in early childhood will pursue a Bachelor of Arts degree with a major in early childhood. Those students successfully completing the program will receive a license to teach children in grades P/K-3 or ages three to eight. Early childhood teachers must have completed 12 semester hours in the area of reading/language arts.

63 semester credits including:

Education Core (20 SH):

- EDC 201 Foundations of Education (3 SH)
- EDC 225 Voices of Diversity (2 SH)
- EDC 230 Educational Psychology (3 SH)
- EDC 321 Phonetic Approaches to Reading (3 SH)
- EDC 324 Diagnosis and Correction of Reading Problems (3 SH)



EDC 330 Introduction to Students with Exceptional Needs (3 SH)
 EDC 340 Education Media and Technology (3 SH)

Early Childhood Core (27 SH):

EDE 304 Child Development and Learning (3 SH)
 EDE 306 Curriculum Development and Implementation in Early Childhood (3 SH)
 EDE 307 Fine Arts in Early Childhood Education (3 SH)
 EDE 308 Family and Community Relations (3 SH)
 EDE 320 Mathematics in Early Childhood (3 SH)
 EDE 323 Reading and Language Arts in Early Childhood (3 SH)
 EDE 410 Literature Based Reading (3 SH)
 EDE 422 Social Studies in Early Childhood (3 SH)
 EDE 424 Science in Early Childhood (3 SH)

Field Experience and Student Teaching for Licensure (16 SH):

EDE 312 Early Childhood Field Experience I (2 SH)
 EDE 412 Early Childhood Field Experience II (2 SH)
 EDE 440 Student Teaching: Early Childhood (3 SH)
 EDE 441 Student Teaching: Early Childhood (3 SH)
 EDE 442 Student Teaching: Early Childhood (3 SH)
 EDE 443 Seminar and Project for Early Childhood (3 SH)

EDE 424 Science in Early Childhood (3 SH)
 EDI 200 Intro to Early Childhood Education (2 SH)
 EDI 201 Cultural Competency in Early Childhood Education (3 SH)
 EDI 202 Creative Experiences (3 SH)
 EDI 300 Emergent Literacy (3 SH)
 EDI 301 Infants and Toddlers (3 SH)
 EDI 302 The Preschool Child (3 SH)
 EDI 303 School Age Children (3 SH)
 EDI 304 Assessment of the Young Child (3 SH)
 EDI 320 Learning Through Play (3 SH)
 EDI 321 Musical Experiences (3 SH)
 EDI 330 Administration of Early Childhood Programs (3 SH)
 EDI 331 Introduction to the Reggio Emilia Approach (3 SH)
 EDI 332 Guidance and Behavior (3 SH)

Early Childhood Development and Instruction:

The Early Childhood Development and Instruction program prepares individuals to work with young children from birth through age 8 in a variety of settings including, day care, preschool programs, and Head Start Programs among others. Students gain in-depth understanding of developmentally appropriate practices, child development and learning theories, integrated approaches and academic content areas. This program does not lead to an Ohio teaching license.

Further information may be obtained from the education department.

Requirements for the Major

72 semester credits including:

EDC 330 Intro to Students with Exceptional Learning Needs (3 SH)
 EDC 340 Educational Media and Technology (3 SH)
 EDE 304 Child Development and Learning (3 SH)
 EDE 306 Curriculum Development and Implementation in Early Childhood (3 SH)
 EDE 308 Family and Community Relations (3 SH)
 EDE 312 Early Childhood Field Experience I (2 SH)
 EDE 320 Mathematics in Early Childhood (3 SH)
 EDE 323 Reading and Language Arts in Early Childhood (3 SH)
 EDE 410 Literature-Based Reading (3 SH)
 EDE 412 Early Childhood Field Experience II (2 SH)
 EDE 422 Social Studies in Early Childhood (3 SH)

Middle Childhood Education:

Teacher candidates who wish to teach in middle childhood will pursue a Bachelor of Arts degree with a major in middle childhood education. Middle grade teacher candidates are required to earn two areas of concentration. The four areas from which teacher candidates may select their concentrations are math, social studies, science and/or reading/language arts. At Lake Erie College, each concentration is a minimum of 24 semester hours of coursework. Those teacher candidates successfully completing the program will receive a license to teach children in grades 4-9 or ages 9-14. All middle childhood teacher candidates must complete 12 semester hours in the area of reading/language arts.

51 semester credits including:

Education Core (20 SH):

EDC 201 Foundations of Education (3 SH)
 EDC 225 Voices of Diversity (2 SH)
 EDC 230 Educational Psychology (3 SH)
 EDC 321 Phonetic Approaches to Reading (3 SH)
 EDC 324 Diagnosis and Correction of Reading Problems (3 SH)
 EDC 330 Introduction to Students with Exceptional Needs (3 SH)
 EDC 340 Education Media and Technology (3 SH)

Middle Childhood Core (15 SH):

EDP 304 Integrated Methods, Curriculum and Assessment (3 SH)
 EDP 305 The Middle School (3 SH)
 EDP 310 The Pre-Adolescent/Adolescent Learner (3 SH)
 EDP 326 Middle Grade Language Arts Methods (3 SH)
 EDP 416 Reading in the Content Area (3 SH)

Field Experience and Student Teaching for Licensure (16 SH):

EDP 312 Middle Childhood Field Experience I (2 SH)
 EDP 412 Middle Childhood Field Experience II (2 SH)
 EDP 440 Student Teaching: Middle Childhood (3 SH)



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REQUIREMENTS FOR THE ACADEMIC MAJOR cont.

EDP 441 Student Teaching: Middle Childhood (3 SH)
EDP 442 Student Teaching: Middle Childhood (3 SH)
EDP 443 Seminar and Project for Middle Childhood (3 SH)

Concentration (choose two):

Generalist

31-32 semester credits including:

Language Arts/Reading (7-8 SH):

EN 101 Principles of Composition and research (4 SH)

And one course from:

EN 140 Principles of Critical Analysis (4 SH)
EDP 411 Pre-Adolescent/Adolescent Literature (3 SH)

Science (8 SH):

BI 104 Introduction to Environmental Science (4 SH)
PC 220 Physical Geology (3 SH)
PC 220L Physical Geology Lab (1 SH)

Social Sciences (8 SH):

HI 106 American History II: 1877 to the Present (4 SH)
HI 121 World History II: 1400 to 1815 (4 SH)

Mathematics (9 SH):

EDP 318 Survey of Mathematics Concepts (3 SH)
MT 105 Theory of Mathematics for Education (3 SH)
MT 106 Geometry and Statistics for Education (3 SH)

Language Arts/Reading

24 semester credits including:

Reading & Literature Study (12 SH):

EDC 321 Phonetic Approaches to Reading (3 SH)
EDC 324 Diagnosis & Correction of Reading Problems (3 SH)
EDP 411 Pre-Adolescent Literature (3 SH)
EDP 416 Reading in the Content Area (3 SH)

Reading and Literature Study (8 SH):

EN 340 Studies in British Literature (4 SH)
EN 341 Studies in American Literature (4 SH)

Language Study (SH):

Composition and Rhetoric (4 SH):

EN 201 Advanced College Writing (4 SH)
EN 310 Journalistic Essay (4 SH)
EN 315 Creative Writing: Fiction (4 SH)
EN 316 Creative Writing: Dramatic Forms (4 SH)
EN 317 Creative Writing: Poetry (4 SH)

Mathematics

24 semester credits including:

MT 109 Pre-Calculus I (4 SH)
MT 110 Pre-Calculus II (4 SH)
MT 210 Calculus and Analytical Geometry I (5 SH)
EDP 318 Survey of Mathematics Concepts (3 SH)

And four semester credits from:

MN 215 Business Statistics (4 SH)
MT 207 Probability and Statistics (4 SH)
MT 300 Modern Geometry and Logic (4 SH)
PS 204 Statistics (4 SH)

And four semester credits from:

MT 323 Modern Linear Algebra (4 SH)
MT 324 Modern Abstract Algebra (4 SH)

Science

28 semester credits including:

BI 100 Concepts of Biology (4 SH)
CH 103 General Chemistry I (3 SH)
CH 103L General Chemistry I Lab (1 SH)
BI 104 Introduction to Environmental Science (4 SH)
PC 106 Introduction to Physical Science (3 SH)
PC 106L Introduction to Physical Science Lab (1 SH)
PC 220 Physical Geology (3 SH)
PC 220L Physical Geology Lab (1 SH)

And four semester credit from:

BI 201 Botany (3 SH)
BI 201L Botany Lab (1 SH)
BI 212 Zoology (3 SH)
BI 212L Zoology Lab (1 SH)
BI 319 Ecology and Conservation Biology (3 SH)

And four semester credits from:

CH 104 General Chemistry I (3 SH)
CH 104 General Chemistry I Lab (1 SH)
PC 202 General Physics II (3 SH)
PC 202L General Physics Lab (1 SH)

Social Studies

24 semester credits including:

US History (4 SH):

HI 105 American History I: Colonial Times to 1877 (4 SH)
HI 106 American History II: 1877 to the Present (4 SH)

World History (4 SH):

HI 120 World History I: Antiquity to 1400 (4 SH)
HI 121 World History II: 1400 to 1815 (4 SH)
HI 122 World History III: 1815 to the Present (4 SH)

Geography (4 SH):

GE 101 Introduction to Geography (4 SH)
GE 200 World Geography (4 SH)



Government/Civics (4 SH):

PO 110/HI 110 American National Government (4 SH)
PO 115 American State and Local Government (4 SH)

Economics (4 SH):

EC 200 Principles of Economics (4 SH)

Sociology/Anthropology (4 SH)

IS 200 Peoples and Cultures in Contrast (4 SH)
PR 111 Issues in Western Culture (4 SH)
SO 111 Introduction to Sociology (4 SH)

Adolescent/Young Adult Education:

Teacher candidates who wish to teach in adolescent/young adult (AYA) will pursue a Bachelor of Arts degree with a major in adolescent/young adult education. AYA grade teacher candidates are required to earn one area of concentration. The four areas from which teacher candidates may select their concentrations are math, social studies, life science and/or reading/language arts. At Lake Erie College, each concentration is a minimum of 40 semester hours of coursework. Those teacher candidates successfully completing the program will receive a license to teach children in grades 7-12 or ages 12-18. All AYA teacher candidates must complete one course in Reading in the Content Area.

26 semester credits including:

Education Core (14 SH):

EDC 201 Foundations of Education (3 SH)
EDC 225 Voices of Diversity (2 SH)
EDC 230 Educational Psychology (3 SH)
EDC 330 Introduction to Students with Exceptional Needs (3 SH)
EDC 340 Education Media and Technology (3 SH)

AYA Core (9 SH):

EDA 331 Planning for Instruction (3 SH)
EDA 401 Content Specific Methods Course (3 SH)
EDP 310 Pre-Adolescent/Adolescent Learner (3 SH)

Reading Core (3 SH):

EDP 416 Reading in the Content Area (3 SH)

Field Experience and Student Teaching for Licensure (16 SH):

EDA 312 Adolescent/Young Adult Field Experience I (2 SH)
EDA 412 Adolescent/Young Adult Field Experience II (2 SH)
EDA 440 Student Teaching: Adolescent/Young Adult (3 SH)
EDA 441 Student Teaching: Adolescent/Young Adult (3 SH)
EDA 442 Student Teaching: Adolescent/Young Adult (3 SH)

EDA 443 Seminar and Project in Student Teaching: Adolescent/Young Adult (3 SH)

Concentration (choose one):

Integrated Social Studies

52 semester credits including:

EC 200 Principles of Economics (4 SH)
HI 105 American History I: Colonial Times to 1877 (4 SH)
HI 106 American History II: 1877 to the Present (4 SH)
HI 110/PO 110 American National Government (4 SH)
PO 205 State and Local Government (4 SH)
PO 212 Comparative Politics (4 SH)
PS 101 General Psychology (4 SH)
SO 111 Introduction to Sociology (4 SH)

And eight semester credits from:

HI 120 World History I: Antiquity to 1400 (4 SH)
HI 121 World History II: 1400 to 1815 (4 SH)
HI 122 World History III: 1815 to the Present (4 SH)

And four semester credits from:

GE 101 Introduction to Geography (4 SH)
GE 200 World Geography (4 SH)

and two courses at the 300-level or above in the following disciplines: Economics (EC), History (HI), Political Science (PO) or Psychology (PS)

Integrated Language Arts

54 semester credits including:

EN 101 Principles of Composition and Research (4 SH)
EN140 Principles of Critical Analysis (4 SH)
CM 105 Fundamentals of Public Speaking (2 SH)
CM 241 Mass Media (4 SH)
EN 222 Foundations of Western Literature (4 SH)
EN 305 Composition Theory (4 SH)
EN 306 Linguistics (4 SH)
EN 310 Journalistic Essay (4 SH)
EN 340 Studies in British Literature (4 SH)
EN 341 Studies in American Literature (4 SH)
EN 342 Studies in Shakespeare (4 SH)
EN 343 Studies in World Literature (4 SH)
PS 101 General Psychology (4 SH)

and one course at the 300-level or above in the English (EN) discipline

Integrated Mathematics

41 semester credits including:

MT 207 Probability and Statistics (4 SH)
MT 209 Discrete Mathematics (4 SH)
MT 210 Calculus and Analytical Geometry I (5 SH)
MT 211 Calculus and Analytical Geometry II (4 SH)
MT 213 Calculus and Analytical Geometry III (4 SH)



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MT 300 Modern Geometry and Logic (4 SH)
MT 303 The History of Mathematics (4 SH)
MT 311 Intermediate Analysis I (4 SH)
MT 323 Modern Linear Algebra (4 SH)
MT 324 Modern Abstract Algebra (4 SH)

Integrated Life Science

56 semester credits including:

BI 101 Introductory Biology I (3 SH)
BI 101L Introductory Biology I Lab (1 SH)
BI 102 Introductory Biology II (3 SH)
BI 102L Introductory Biology II (1 SH)
BI 201 Botany (3 SH)
BI 201L Botany Lab (1 SH)
BI 203 Cell and Molecular Biology (3 SH)
BI 203L Cell and Molecular Biology Lab (1 SH)
BI 212 Zoology (3 SH)
BI 212L Zoology Lab (1 SH)
BI 301 Genetics (3 SH)
BI 301L Genetics Lab (1 SH)
BI 319 Ecology and Conservation Biology (3 SH)
BI 330 Evolutionary Biology (3 SH)
BI 490 Biology Senior Capstone (2 SH)
CH 103 General Chemistry I (3 SH)
CH103L General Chemistry I Lab (1 SH)
MT 109 Pre-Calculus I (4 SH)
MT 207 Probability and Statistics (4 SH)
PC 201 General Physics I (3 SH)
PC 201L General Physics Lab (1 SH)
PC 220 Physical Geology (3 SH)
PC 220L Physical Geology Lab (1 SH)
PS 101 General Psychology (4 SH)

Intervention Specialist – Mild to Moderate Needs:

Students interested in special education should contact the Dean of the Education Division for program details.

69 semester credits including:

Education Core (14 SH):

EDC 201 Foundations of Education (3 SH)
EDC 225 Voices of Diversity (2 SH)
EDC 230 Educational Psychology (3 SH)
EDC 330 Introduction to Students with Exceptional Learning Needs (3 SH)
EDC 340 Educational Media & Technology (3 SH)

Reading Core (12 SH):

EDC 321 Phonetic Approaches to Reading (3 SH)
EDC 324 Diagnosis and Correction of Reading Problems (3 SH)
EDE 323 Reading/Language Arts in Early Childhood Education (3 SH)
EDP 416 Reading in the Content Area (3 SH)

Special Education Core (27 SH):

EDS 300 Introduction to Students with Mild to Moderate Educational Needs (3 SH)
EDS 301 Child and Adolescent Development and Learning (3 SH)
EDS 302 Assessment and Intervention for Mild to Moderate Special Needs (3 SH)
EDS 310 Classroom Management and Behavioral Intervention (3 SH)
EDS 320 Collaboration and Partnerships (3 SH)
EDS 330 Curriculum and Materials for Mild to Moderate Special Needs (3 SH)

Field Experience and Student Teaching for Licensure (16 SH):

EDS 312 Mild to Moderate Intervention Specialist Field I (2 SH)
EDS 412 Mild to Moderate Intervention Specialist Field II (2 SH)
EDS 440 Student Teaching: Mild to Moderate Intervention Specialist (3 SH)
EDS 441 Student Teaching: Mild to Moderate Intervention Specialist (3 SH)
EDS 442 Student Teaching: Mild to Moderate Intervention Specialist (3 SH)
EDS 443 Seminar and Project in Student Teaching: Mild to Moderate Intervention Specialist (3 SH)

ENDORSEMENTS

4-5 Generalist Endorsement

The Early Childhood 4-5 Generalist Endorsement is valid for teaching all core academic areas in Grades 4 and 5 and may be added to an Early Childhood (PK-3) teaching license. The course work for this endorsement includes a three-hour curriculum class in the content areas of math and science (3 SH), and social studies and language arts (3 SH). In addition, the student must complete EDP 310 Pre-Adolescent Learner (3 SH) and a course in 4th and 5th grade classroom organization/methods/assessment.

Prerequisites for the Early Childhood 4-5 Generalist Endorsement include a PK-3 teaching license or eligibility for this license; and Praxis 1 scores deemed as passing for the Lake Erie College education programs: Reading (173), writing (172) and math (172).

Requirements for the Endorsement

9 semester credits including:

EDE 431 Development in Late Childhood: Ages 9-11 (3 SH)
EDE 432 Content Specific Methods: 4/5 Language Arts and Social Studies (3 SH)
EDE 433 Content Specific Methods: 4/5 Math and Science (3 SH)



Reading Endorsement

The reading endorsement at Lake Erie College includes twelve (12) semester credits of instruction and a three (3) semester credit clinical experience where candidates will have authentic experiences in helping students learn to read and to appreciate literacy. Helping students learn to communicate – reading, writing, listening, speaking, and visual literacy – is one of the greatest challenges facing teachers today, especially given the linguistic and cultural diversity of today's classrooms and the rapid changes in technological advancements. It is the intent of Lake Erie College's P-12 reading Endorsement program to better enable our candidates to accept and meet this contemporary challenge to create learning climates where literacy flourishes while empowering the diverse array of students to function competently as literate adults in the twenty-first century.

Further information related to the Reading Endorsement may be obtained from the Education Department.

ENGLISH

Degree Awarded: Bachelor of Arts

The major in English is directed towards the student who seeks a background in British and American literature as the basis of study in the liberal arts or who wishes to pursue graduate studies in the field. Students may also wish to combine courses in English with a major in another field such as history or communications.

Requirements for the Major:

48 semester credits including:

EN 140 Principles of Critical Analysis (4 SH)

EN 400 Senior Seminar (4 SH)

24 semester credits above the 100 level; and a minimum of 16 additional credits in writing or literature from the departments of communication, English or foreign languages.

ENTREPRENEURSHIP

Degree Awarded: Bachelor of Science

The entrepreneurship major at Lake Erie College integrates a contemporary liberal arts education with a solid foundation of management tools from traditional business disciplines. Within this context, students are coached to recognize and assess opportunities, master their communication skills, participate and lead effectively within a team environment and develop comprehensive implementation plans. Whether market-based or within a not-for-profit environment, entrepreneurship majors are prepared to create new ventures; both as stand-alone entities and within existing organizational structures.

Specific entrepreneurial experiences in both the classroom and the community provide students with relevant hands-on opportunities for participative learning applications as well as active mentoring by Lake Erie College Entrepreneurs-in-Residence and faculty with entrepreneurial experience.

Requirements for the Major:

64 semester credits including:

AC 101 Accounting Principles I (4 SH)

AC 102 Accounting Principles II (4 SH)

EC 200 Principles of Economics (4 SH)

FN 315 Accounting and Finance for Not-For-Profit

Organizations OR FN 320 Corporation Finance (4 SH)

LG 315 Business Law I (4 SH)

MK 203 Marketing Principles (4 SH)

MK 317 Marketing Management (4 SH)

MN 200 Introduction to Management (4 SH)

MN 215 Business Statistics (4 SH)

MN 216 Applied Decision Models (4 SH)

MN 315 Leadership (4 SH)

MN 323 Organizational Behavior (4 SH)

ET 211 New venture Planning and Development (4 SH)

ET 221 Techniques of Persuading, Selling and

Negotiating (4 SH)

ET 401 New Venture Practicum and Entrepreneurship

Experience: Part 1 (4 SH)

ET 402 New Venture Practicum and Entrepreneurship

Experience: Part 2 (4 SH)

EQUINE ENTREPRENEURSHIP

Degree Awarded: Bachelor of Science

According to the Department of Labor, about three in five animal trainers are self-employed, compared to one out of six in the late 90s. The equine entrepreneurship degree program is a multi-disciplinary approach focusing on the core business management and equine studies courses required to be a successful entrepreneur in the equine industry. Business acumen and a strong equine knowledge base are essential to the success of all equine businesses. The equine entrepreneurship program emphasizes financial and personnel management skills, marketing and business operations, principles involved in the equine nutrition and health and business management.

The coursework provides the following:

- An understanding of the scope of the equine industry and its economical value to society.
- Management skills necessary for a successful venture development in the equine industry.
- Knowledge and skills in effective equine health care and prevention.
- Consulting experience with equine business ventures.
- Experience in the development of a business plan for a



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start-up equine venture.

Restrictions and General Information

1. A minimum overall 2.5 GPA for all coursework.
2. Courses taken on a pass/fail basis may not be applied to the major.
3. At least one-half of the courses are to be taken at Lake Erie College.

General Education Requirements specific to this Major – Required Courses

12 semester hours including:

- PS 101 General Psychology (4 SH)
- EN 140 Principles of Critical Analysis (4 SH)
- BI 100 Concepts of Biology and Lab (4 SH)

or

- BI 101/BI 101L Introductory Biology I and Lab (3/1 SH)

Requirements for the Major:

74 semester credits including:

44 semester credits of Management Course Requirements

- AC 101 Accounting Principles I (4 SH)
- AC 102 Accounting Principles II (4 SH)
- MK 203 Marketing Principles (4 SH)
- MN 200 Introduction to Management (4 SH)
- MN 215 Business Statistics (4 SH)
- MN 323 Organizational Behavior (4 SH)
- LG 315 Business Law I (4 SH)
- ET 211 New Venture Planning and Development (4 SH)
- ET 221 Techniques of Persuading, Selling and Negotiating (4 SH)
- ET 401 New Venture Practicum and Entrepreneurship Experience: Part 1 (4 SH)
- ET 402 New Venture Practicum and Entrepreneurship Experience: Part 2 (4 SH)

30 semester credits of Equine Studies Course Requirements

29 semester credits from the following:

- EQ 109 Introduction to Equine Industry (3 SH)
- EQ 110 Horse Care Practicum (4 SH)
- EQ 202 Management of Equestrian Activities (3 SH)
- EQ 203 Management of Equestrian Facilities (3 SH)
- EQ 210 Equine Health (4 SH)
- EQ 320 Equine Nutrition (4 SH)

- EQ 238 Equine Anatomy and Physiology (4 SH)
- EQ 239 Equine Anatomy and Physiology II (4 SH)

or

- BI 238 Anatomy and Physiology (3 SH)
- BI 238L Anatomy and Physiology Lab (1 SH)
- BI 239 Anatomy and Physiology II (3 SH)
- BI 239L Anatomy and Physiology II Lab (1 SH)

and one semester credit from the following:

- EQ 100 Riding Skills I (1 SH)
- EQ 102 Balanced Seat II (2 SH)
- EQ 103 Riding Skills II (1 SH)
- EQ 104 Riding Skills III (1 SH)
- EQ 105 Balanced Seat III (2 SH)

EQUESTRIAN FACILITY MANAGEMENT

Degree Awarded: Bachelor of Science

This program is designed for the individual interested in providing top quality management of an equestrian facility (boarding barn, competition stable, training farm, sales facility, horse show complex, etc.). Equestrian facility management is a ideal major for the student interested in overseeing quality care of horses, while working with people in a business situation.

Requirements for the Major:

61-64 semester credits including:

- AC 101 Accounting Principles I (4 SH)
- PE 110 First Aid and CPR Certification (2 SH)
- EQ 109 Introduction to the Equine Industry (3 SH)
- EQ 110 Horse Care Practicum (4 SH)
- EQ 202 Management of Equestrian Activities (3 SH)
- EQ 203 Management of Equestrian Facilities (3 SH)
- EQ 204 Equine Facilities II and Operations (3 SH)
- EQ 210 Equine Health (4 SH)
- EQ 220 Introduction to Teaching Riding (2 SH)
- EQ 250/350 Internship in Equestrian Studies (2-5 SH)
- EQ 312 Principles and Theory of Competition (2 SH)
- EQ 320 Equine Nutrition (4 SH)
- EQ 324 Pasture Management (3 SH)
- EQ 331 Equine Lameness and Conditioning (4 SH)
- EQ 401 Equine Venture Consulting (3 SH)
- EQ 402 New Venture Creation for the Equine Industry (3 SH)

- BI 238 Mammalian Anatomy and Physiology I (3 SH)
 - BI 238L Mammalian Anatomy and Physiology I Lab (1 SH)
 - BI 239 Mammalian Anatomy and Physiology II (3 SH)
 - BI 239L Mammalian Anatomy and Physiology II Lab (1 SH)
- or
- EQ 238 Equine Anatomy and Physiology I (4 SH)
 - EQ 239 Equine Anatomy and Physiology II (4 SH)

and two riding courses EQ 102 Balance II or higher (2-4 SH)

Students who major in equestrian facility management must also enroll in BI 100 or BI 101 to satisfy the College's General Education requirement for scientific inquiry.

Other recommended courses for facility management include:

- EQ 170-79/270-79/370-79 Special Topics in Equine Studies (1-4 SH)
- EQ 181 Breeding Practicum (3 SH)



- EQ 230 Course Design (2 SH)
- EQ 316 Methods and Materials of Teaching Riding (4 SH)
- EQ 340 Judging (2 SH)
- LG 315 Business Law I (4 SH)
- MN 312 Human Resource Management (4 SH)
- MN 323 Organizational Behavior (4 SH)
- AC 102 Accounting II (4 SH)
- PS 101 General Psychology (4 SH)

EQUESTRIAN TEACHER/TRAINER

Degree Awarded: Bachelor of Science

This program prepares dedicated, talented individuals to take positions of responsibility as riders, trainers and riding instructors. Students are also prepared to provide top-quality management of an equine facility. Practical application of knowledge and skills provides the student with the opportunity to gain the proficiency necessary to be successful in his or her chosen field.

Requirements for the Major:

66-69 semester credits including:

- AC 101 Accounting Principles I (4 SH)
- PE 110 First Aid and CPR Certification (2 SH)
- EQ 109 Introduction to the Equine Industry (3 SH)
- EQ 110 Horse Care Practicum (4 SH)
- EQ 202 Management of Equestrian Activities (3 SH)
- EQ 203 Management of Equestrian Facilities (3 SH)
- EQ 210 Equine Health (4 SH)
- EQ 220 Introduction to Teaching Riding (2 SH)
- EQ 250/350 Internship in Equestrian Studies (2-5 SH)
- EQ 302 Training I (2 SH)
- EQ 303 Training II (2 SH)
- EQ 312 Principles and Theory of Competition (2 SH)
- EQ 316 Methods and Materials of Teaching Riding I (4 SH)
- EQ 317 Methods and Materials of Teaching Riding II (4 SH)
- EQ 320 Equine Nutrition (4 SH)
- EQ 331 Equine Lameness and Conditioning (4 SH)
- EQ 401 Equine Venture Consulting (3 SH)
- EQ 402 New Venture Creation for the Equine Industry (3 SH)

- BI 238 Mammalian Anatomy and Physiology I (3 SH)
- BI 238L Mammalian Anatomy and Physiology I Lab (1 SH)
- BI 239 Mammalian Anatomy and Physiology II (3 SH)
- BI 239L Mammalian Anatomy and Physiology II Lab (1 SH)

or

- EQ 238 Equine Anatomy and Physiology I (4 SH)
- EQ 239 Equine Anatomy and Physiology II (4 SH)

and three of the following:

- EQ 113 Hunter I (1 SH)
- EQ 127 Dressage I (1 SH)
- EQ 132 Stadium Jumping I (1 SH)
- EQ 145 Eventing I (1 SH)

Students who major in equestrian teacher/trainer must also enroll in BI 100 or BI 101 to satisfy the College's general education requirement for scientific inquiry.

Other recommended courses for teacher/trainer majors include:

- EQ 170-79/270-79/370-79 Special Topics in Equine Studies (1-4 SH)
- EQ 181 Breeding Practicum (3 SH)
- EQ 230 Course Design (2 SH)
- EQ 324 Pasture Management (3 SH)
- EQ 340 Judging (2 SH)
- LG 315 Business Law I (4 SH)
- MN 312 Human Resource Management (4 SH)
- MN 323 Organizational Behavior (4 SH)
- AC 102 Accounting II (4 SH)
- PS 101 General Psychology (4 SH)

EQUINE STUDIES CONCENTRATIONS

Equine studies students may, but are not required, to undertake additional study in one of the two areas of concentration: stud farm management or therapeutic horsemanship.

Equine Stud Farm Management Concentration

The concentration in equine stud farm management prepares individuals for positions of responsibility in the equine breeding business. General science and physiology, along with the business courses in management, provide a sound educational background for the more specialized coursework in equine health, nutrition, genetics and reproduction. Internships, academic programs, independent study and laboratory work provide knowledge and expertise in farm management breeding, foaling and marketing. Exposure to a wide variety of farm management techniques provides a foundation of information for future stud farm managers. The stud farm management concentration provides a specialized foundation in equine science for students preparing for veterinary or graduate level programs at other institutions.

Students who choose the stud farm management concentration are required to take the following courses in addition to the courses required for the facilities management or teacher/trainer majors:

- EQ 181 Breeding Practicum (3 SH)
- EQ 242 Stud Farm Management Practicum (3 SH)
- EQ 324 Pasture Management (3 SH)
- EQ 405 Equine Reproduction (4 SH)

Therapeutic Horsemanship Concentration

The concentration in therapeutic horsemanship gives students a theoretical knowledge of and practical experience with teaching horsemanship to people with disabilities. Successful students gain insight into the physical, psychosocial, cognitive and emotional effects of horses on human beings, particularly those



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people who have special needs or challenges. Upon completion of the program, students will be prepared and qualified to become key employees in organizations offering equine-assisted activities. This concentration is offered in partnership with Fieldstone Therapeutic Riding Center.

Students are also expected to demonstrate an intermediate level of riding proficiency showing a secure seat, following hand and steady, clear aids. A 150-hour teaching internship under the supervision of a North American Riding for the Handicapped Association (NARHA) certified therapeutic riding instructor is required.

The coursework provides the following:

1. An understanding of the scope of the therapeutic riding industry.
2. An understanding of the physiological principles involved in riding for people with disabilities.
3. An insight into animal behavior and man's ability to humanely partner with horses to positively impact the quality of life for individuals as well as community.
4. The ability to apply knowledge gained to solve problems and to integrate solutions to attain successful therapeutic goals.

Restrictions and General Information

This concentration is only available to students majoring in equine studies:

1. A concentration should be declared at the time a student accumulates 90 hours.
2. A student may not double count courses between the concentration and other requirements except where approved by the College.
3. A student must complete a minimum of 14 hours.
4. Courses taken on a pass/fail basis may not be applied to the concentrations.

Requirements for the concentration:

17 semester credits including:

- PS 101 General Psychology (4 SH)
- EQ 207 Introduction to Therapeutic Horsemanship (2 SH)
- EQ 307 Principles of Therapeutic Horsemanship (2 SH)
- EDE 304 Child Development and Learning (3 SH)
- EQ 250 Internship in Equine Studies (3 SH)

and three semester credits from one of the following:

- EDC 330 Introduction to Students with Exceptional Learning Needs (3 SH)
- EDP 310 The Pre-Adolescent/Adolescent Learner (3 SH)
- FN 315 Accounting and Finance for Not-for-Profit Organizations (4 SH)

FINANCE

Degree Awarded: Bachelor of Science

The finance major is designed for students seeking a deeper understanding of the financial environment under which businesses operate. It will provide greater insight into the working of the financial system, different investment vehicles available to both individual and institutional investors, portfolio management and risk management in a global economy. Students completing this program should have a better understanding of the financial theory and practice so as to apply the knowledge successfully to solve a wide range of business and personal problems. The program builds on the foundation of the core business administration major with a focus on financial management of corporations and money management.

Requirements for the Major:

64-67 semester credits including:

- EC 200 Principles of Economics (4 SH)
- AC 101 Accounting Principles I (4 SH)
- AC 102 Accounting Principles II (4 SH)
- MN 200 Introduction to Management (4 SH)
- MN 215 Business Statistics (4 SH)
- MK 203 Marketing Principles (4 SH)
- FN 320 Corporation Finance (4 SH)
- LG 315 Business Law I (4 SH)
- BA 400 Senior Seminar (4 SH)

and 20-23 semester credits from the following:

- EC 301 Intermediate Economics (4 SH)
- FN 321 Intermediate Corporate Finance (4 SH)
- FN 326 International Financial Management (2 SH)
- FN 404 Management of Financial Institutions (4 SH)
- FN 405 Investments (4 SH)
- FN 250/350 Internship in Finance (2-5 SH)

and eight semester credits from the following:

- CI 341 Management Information System (4 SH)
- EC 420 Econometrics (4 SH)
- ET 320 New Venture Finance
- FN 330 Real Estate Principles and Finance (4 SH)
- FN 345 Financial Planning (4 SH)
- MN 216 Applied Decision Models (4 SH)
- MN 310 Operations Management (4 SH)
- MN 323 Organizational Behavior (4 SH)

FINE ARTS (with concentration)

Degree Awarded: Bachelor of Arts

This major is designed to provide a comprehensive liberal arts education to undergraduates in the fine arts. Students have the



opportunity to complete a concentration in one of the following fine arts disciplines: dance, music, theatre or visual art. Each fine arts major offers an in depth core curriculum unique to the individual discipline of study. Additionally, the major provides students with a background in all fine arts with experience in three other disciplines of the fine arts separate from their chosen concentration.

Requirements for the Major:

56 total semester credits including:

- 32 semester credits in the discipline of concentration
- 24 semester credits - eight credits in each of the three fine arts disciplines outside of the area of concentration.

Fine Arts (with DANCE Concentration)

The dance faculty is committed to the development of dance artists who are technically proficient, grounded in the history and aesthetic theory of their craft and skilled in the creation and production of original art work. Class sizes are typically small. As a result, attention can be given to the individual technical needs of the students. Creative process work is essential to the complete dance artist. Therefore, in addition to coursework in composition, all dancer concentrates are required to participate with faculty and guest choreographers in the development and production of creative works presented in various informal and formal concert venues throughout the academic year.

32 semester credits required for a B.A. degree with a dance concentration:

- DN 202, 302 and 402 Modern Dance Technique (6 SH)
- DN 201, 301 and 401 Ballet Technique (6 SH)
- DN 213 Dance History (4 SH)
- DN 216 Anatomical Kinesiology (3 SH)
- DN 230 Beginning Composition (3 SH)
- DN 210, 310, or 410 Repertory and Performance Technique (6 SH)
- DN 325 Methods of Teaching Dance (4 SH)

Fine Arts (with MUSIC Concentration)

The music component of the B.A. includes a core curriculum of courses that covers fundamental sub-disciplines from applied music to music history. Additional work and disciplines are drawn from other music course offerings chosen in consultation with an advisor, that best meet the interests and goals of the individual student.

21 core semester credits required of all music concentration majors:

- MU 140 Fundamentals of Music (4 SH)
- MU 220 Intermediate Theory and Aural Communication (4 SH)
- MU 112 Conducting (1 SH)

Four semesters of private instruction in one instrument (includes voice) (4 SH)

And two courses from the following:

- MU 304 History and Literature of Music I (4 SH)
- MU 305 History and Literature of Music II (4 SH)
- MU 306 History and Literature of Music III (4 SH)

Plus 11 semester credits from other music courses

Fine Arts (with THEATRE Concentration)

The theater component of the B.A. includes a core curriculum of courses within the theatre's sub-divisions of performance and production experiences. Additional work in the theatre program is drawn from intermediate and advanced courses, chosen in consultation with advising theatre faculty, that best meet the interests and goals of the individual student.

20 semester credits including:

- TH 106 Acting I (4 SH)
- TH 108 Performance Theory and Analysis (4 SH)
- TH 201 History of Theatre I (4 SH)
- TH 207 Dramatic Literature I (4 SH)
- TH 100/200/300/400 Theatre Practicum I, II, III, IV (1 SH each)

And 12 semester credits from the following:

- TH 107 Introduction to Technical Theatre (4 SH)
- TH 202 History of the Theatre II (4 SH)
- TH 206 Acting II (4 SH)
- TH 208 Dramatic Literature II (4 SH)
- TH 210 Physical Training and Performance Techniques (4 SH)
- TH 211 Vocal Training and Performance Techniques (4 SH)
- TH 304 Scenic Design (4 SH)
- TH 308 Directing (4 SH)
- TH 315 Lighting Design (4 SH)
- TH 316 Playwriting (4 SH)
- TH 319 Costume Design (4 SH)
- TH 250/350 Internship in Theatre (4 SH)
- TH 170-79/270-79/370-79 Special Topics in Theatre (2-4 SH)

Fine Arts (with VISUAL ART Concentration)

The visual art component of the B.A. includes a core curriculum of courses within the visual art sub-disciplines of two and three dimensional art practices. Additional work in the visual art program is drawn from the intermediate and advanced courses, chosen in consultation with advising visual art faculty, that best meet the interests and goals of the individual student.

20 core semester credits required of all visual art concentration majors:

- AT 102 Design (4 SH)
- AT 103 Dimensional Design (4 SH)
- AT 110 Drawing I (4 SH)
- AT 240 Art History I (4 SH)
- AT 241 Art History II (4 SH)

Plus an additional 12 semester credit hours from the following:

- AT 210 Drawing II (4 SH)



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AT 202 Painting I (4 SH)
AT 302 Painting II (4 SH)
AT 206 Photography I (4 SH)
AT 306 Photography II (4 SH)
AT 225 Introduction to Graphic Communications I (4 SH)
AT 226 Introduction to Graphic Communications II (4 SH)
AT 114 Sculpture I (4 SH)
AT 205 Ceramics I (4 SH)
AT 305 Ceramics II (4 SH)
AT 160/260/360 Individual Investigation in Studio Art (2-5 SH)
AT 170-79/270-79/370-79 Special Topics in Studio Art (2-5 SH)

FINE ARTS (MULTI-DISCIPLINARY)

Degree Awarded: Bachelor of Arts

This major is designed to provide a comprehensive liberal arts education to undergraduates in the fine arts. The multi disciplinary concentration offers students the opportunity to study the arts and understand their interrelationships through artistic collaborations and creative explorations in all the arts. The major requires that students divide their interest among all four disciplines of the fine arts.

Requirements for the Major:

56 total semester credits as follows:

- 14 semester credits from Dance
- 14 semester credits from Music
- 14 semester credits from Theater
- 14 semester credits from Visual Arts

BACHELOR OF FINE ARTS (BFA)

Degree Awarded: Bachelor of Fine Arts

The B.F.A. is an option, for either the fine arts with concentration or fine arts multi-disciplinary majors, for the student who wishes to work as professional artists or go on to graduate school. A student must demonstrate his/her candidacy for the B.F.A. degree through the quality of his/her work and approval by the fine arts faculty. The B.F.A. requires that the fine arts with concentration student complete a major work in one of the fine arts disciplines as a Senior Project (8 SH). The multi-disciplinary concentration student must complete a Senior Project that engages all the studied fine arts disciplines. The student will submit a proposal during the second semester of his/her sophomore year to the faculty in that discipline. Upon review, during the fall semester, of the student's junior year and with approval from all fine arts faculty the student may continue with the B.F.A. option.

Requirements of the major:

64 total semester credits

56 semester credits (as outlined under any Fine Arts major)
8 semester credits - senior project

FRENCH STUDIES

Degree Awarded: Bachelor of Arts

French is spoken natively, or as a language of culture and administration, in 45 countries. French is thus a language that can put students and professionals in touch with an unusually diverse linguistic community found all over the world. Alongside English, French is the official language of such international organizations as the United Nations, the International Olympic Committee and the International Red Cross. Historically, France and the French language have had an important influence over American society. French thought continues to shape America today through various intellectual currents, for example post-structuralism and post-modernism. Recently, Lake Erie College students have planned and completed innovative study abroad and internship experiences in France. The courses in the major and minor help to develop not only communication skills, but a strong foundation in the cultural diversity called *Francophonie*. Students might want to consider a primary or secondary major—or a minor—in French to enhance their employment opportunities or to increase their chances of being accepted into fine graduate programs. Francophone countries have a rich cultural heritage; it is rewarding to be able to understand such thinkers, poets, musicians and scientists as Molière, Cézanne, Simone de Beauvoir, Descartes, Frantz Fanon, Jules Verne, C.F. Ramuz and Debussy in their native language.

Requirements for the Major:

40 semester credits including:

- FR 102 Beginning French II (4 SH)
- FR 201 Intermediate French (4 SH)
- FR 220 French Conversation (4 SH)
- FR 302 French Phonetics and Pronunciation (1 SH)
- FR 311 French Composition (3 SH)
- FR 320 Francophone Literatures and Cultures (3 SH)
- FR 490 Senior Research Project (4 SH)

and 17 semester credits from the following:

- FR 210 Studies in Francophone Contemporary Cultures (4 SH)
- FR 301 French for the Professional Environment (4 SH)
- FR 350 Internship in French (2-5 SH)
- FR 401 Translation Studies in French (3 SH)
- FR 402 Francophone Intellectual History (3 SH)
- FR 410 Francophone Literatures in English Translation (3 SH)
- FR 411 Francophone Women Writers and Filmmakers (3 SH)
- FR 420 Francophone Visual Arts, Music, Architecture (3 SH)
- FR 421 Francophone Cinema (3 SH)
- FR 470/79 Special Topics in French (4 SH)



GERMAN STUDIES

Degree Awarded: Bachelor of Arts

Learning German can connect you to 120 million native speakers worldwide. It is also a popular second (and third or fourth) language throughout Europe, as well as in Japan and the U.S. Germany, with the third strongest economy in the world, is an important global business partner in publishing, research and development, innovative uses of the Internet, automobile design and manufacturing, etc. Germany has a rich cultural heritage; it is rewarding to be able to understand such thinkers, poets, musicians and scientists as Einstein, Bach, Schweitzer, Marx, Kafka and Freud in their native language. Many graduate programs recommend developing at least a reading knowledge of German to access significant theoretical works and research in books and professional journals. A number of interesting opportunities to study in Germany or Austria are available to students at Lake Erie College. The courses in the major and minor help to develop not only communication skills, but a strong foundation in the cultures—present and past—that have used German as their everyday language. Students may want to consider a primary or secondary major—or a minor—in German to enhance their employment opportunities, or to increase their chances of being accepted into fine graduate programs.

Requirements for the Major:

40 semester credits including:

- GR 102 Beginning German II (4 SH)
- GR 201 Intermediate German (4 SH)
- GR 220 German Conversation (4 SH)
- GR 302 German Phonetics and Pronunciation (1 SH)
- GR 311 German Composition (3 SH)
- GR 320 Germanophone Literatures and Cultures (3 SH)
- GR 490 Senior Research Project (4 SH)

and 17 semester credits from the following:

- GR 210 Studies in Germanophone Contemporary Cultures (4 SH)
- GR 301 German for the Professional Environment (4 SH)
- GR 350 Internship in German (2-5 SH)
- GR 401 Translation Studies in German (3 SH)
- GR 402 Germanophone Intellectual History (3 SH)
- GR 410 Germanophone Literatures in English Translation (3 SH)
- GR 411 Germanophone Women Writers and Filmmakers (3 SH)
- GR 420 Germanophone Visual Arts, Music, Architecture (3 SH)
- GR 421 Germanophone Cinema (3 SH)
- GR 470/79 Special Topics in German (4 SH)

HISTORY

Degree Awarded: Bachelor of Arts

The major in history prepares students for employment in many areas, including government, state and federal, in the fields of civil service and diplomacy, among others, in business for those companies with international markets and in museums, archival repositories, libraries, historical societies in media, as well as several other fields. Secondary education students planning to teach history and other social studies fields also benefit from a concentration in history as a content area. Students with a degree in history frequently go on to graduate school, whether for history, law, political science, international studies or multi-disciplinary studies.

Requirements for the Major:

48 semester credits including:

- HI 105 American History I: Colonial Times to 1877 (4 SH)
- HI 106 American History II: 1877 to the Present (4 SH)
- HI 400 Historical Research Methodology/
Historiography (4 SH)
- HI 420 Senior Thesis in History (4 SH)

and eight semester credits from the following:

- HI 120 World History I: Antiquity to 1400 (4 SH)
- HI 121 World History II: 1400 to 1815 (4 SH)
- HI 122 World History III: 1815 to Present (4 SH)
- HI 132 Western Civilization I: Beginning to 1600 (4 SH)
- HI 138 Western Civilization II: 1600 to the Present (4 SH)

and 12 200-level semester credits from any 200-level HI offerings and 12 300-level semester credits from any 300-level HI offerings

HUMAN RESOURCE MANAGEMENT

Degree Awarded: Bachelor of Science

The human resource management major is designed to give students in-depth exposure to specific areas of human resource management and organizational behavior compared to the more broad-based business administration major. The program builds on a foundation of business courses with a set of courses focused on supervision, leadership and change management; human resource administration, labor relations and the dynamics of human behavior in organizations. The program also offers excellent preparation for admission to graduate school. Students are encouraged to take advantage of the internship program in order to obtain actual work experience prior to graduation.

Requirements for the Major:

64 semester credits including:

- AC 101 Accounting Principles I (4 SH)



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AC 102 Accounting Principles II (4 SH)
EC 200 Principles of Economics (4 SH)
MN 200 Introduction to Management (4 SH)
MN 215 Business Statistics (4 SH)
MN 312 Human Resource Management (4 SH)
MN 315 Leadership (4 SH)
MN 323 Organizational Behavior (4 SH)
MK 203 Marketing Principles (4 SH)
FN 320 Corporation Finance (4 SH)
LG 315 Business Law (4 SH)
CI 341 Management Information Systems (4 SH)
BA 400 Senior Seminar (4 SH)

And 12 semester credits from the following:

BA 324 International Business (4 SH)
MN 320 Organizational Development (4 SH)
MN 325 Quality Management (4 SH)
MN 410 Labor Relations (4 SH)
MN 250/350 Internship in Management (2-5 SH)

INDIVIDUALIZED ACADEMIC MAJOR

Degree Awarded: Bachelor of Arts, Bachelor of Fine Arts, or Bachelor of Science*

An individualized academic major is an option available to those students who wish to design a major of their own that is different from the other more traditional majors offered by Lake Erie but still capable of being supported by the resources which the College has at its disposal. Students who wish to pursue this option must obtain an application from the Registrar's Office and prepare a proposal, which includes clearly defined objectives, a rationale and a list of specific courses that are to be completed.

Requirements for the Major:

A minimum of 40 semester credits, 20 of which must be taken at Lake Erie College

A minimum of 15 semester credits from 300- and 400-level courses, including a senior capstone course

Approval by a faculty sponsor, the division Dean, and the Vice President for Academic Affairs

Approval before reaching Junior standing (64 SH)

*In those cases where there is a choice between the Bachelor of Arts, the Bachelor of Fine Arts or the Bachelor of Science degree, the Bachelor of Science is awarded where there are at least three quantitative courses in the major. A quantitative course is defined as one that uses mathematics as its central symbol system.

INTEGRATED MEDIA, DIGITAL ART & TECHNOLOGY

Bachelor of Arts or Bachelor of Fine Arts

Integrated Media, Digital Art and Technology (IMDAT) is an interdisciplinary studio art program in computer mediated art and design. Student courses include investigations into interactive and electronic objects and environments, multimedia, digital video, experimental 3D computer graphics, animation, game design, art & technology, digital imaging, rapid prototyping, internet/net art, installation, sound, emerging forms and new genres.

Students majoring in IMDAT will learn to discover individual aesthetics and artistic vision through conceptualization, theory and an awareness of contemporary art and media that use advanced science and technology. Students will be pushed to explore content and approaches that may not fit within traditional definitions of art or design. Interdisciplinary and cross-disciplinary experimentation that forges connections to other departments is encouraged. Students will be prepared to be an innovative force in the art and design world, or be ready to engage in the collaborative nature of today's art and/or design graduate programs.

Bachelor of Arts

Requirements for the Major:

56 semester credits including:

16 required semester credits in the AT foundation area including:

AT 102 Design (4 SH)
AT 110 Drawing I (4 SH)
AT 103 Design or
AT 225 Introduction to Graphic Design I (4 SH)
AT 240 Art History I (4 SH)

and 28 semester credits from the following:

IM 207 Digital Photography and Imaging (4 SH)
IM 230 2D & 3D Animation (4 SH)
IM 231 Video Editing and DVD Authoring (4 SH)
IM 330 Web Design, Production and Interactive Art (4 SH)
IM 301 New Media Art: Robotic Art (4 SH)
IM 470 Special Topics in Digital Media (4 SH)

IM 310 Video Game Animation and Production (4 SH)

or

IM 400 Multidisciplinary Art (4 SH)

and 12 semester credits in the Fine Arts area from the following:

DN 201 Ballet Technique (1 or 2 SH)
DN 202 Modern Dance Technique (1 or 2 SH)
DN 210 Repertory and Performance Technique (2 SH)
DN 213 Dance History (4 SH)
DN 216 Anatomical Kinesiology (3 SH)
DN 230 Beginning Composition (3 SH)



- FA 101 The Arts and Their Interrelations (4 SH)
- MU 140 Fundamentals of Music Theory (4 SH)
- MU 322 Composition (4 SH)
- MU 105 Private Instruction in Piano (1 SH)
- MU 106 Private Instruction in Voice (1 SH)
- TH 106 Acting I (4 SH)
- TH 107 Introduction to Technical Theatre (4 SH)
- TH 108 Performance Theory and Analysis (4 SH)
- TH 304 Scenic Design (4 SH)
- TH 308 Directing (4 SH)
- TH 315 Lighting Design (4 SH)
- TH 316 Playwriting (4 SH)

- FR 301 French for the Professional Environment (4 SH)
- IS 305 Professional Culture (4 SH)

- BA 450 International Internship (4 SH)
- OR**
- FR 490 Senior Research Project (4 SH)

German

- 24 semester credits including:
- GR 201 Intermediate German (4 SH)
 - GR 210 Studies in Germanophone Contemporary Cultures (4 SH)
 - GR 220 German Conversation (4 SH)
 - GR 301 German for the Professional Environment (4 SH)
 - IS 305 Professional Culture (4 SH)

- BA 450 International Internship (4 SH)
- OR**
- GR 490 Senior Research Project (4 SH)

Italian

- 24 semester credits including:
- IT 201 Intermediate Italian (4 SH)
 - IT 211 Introduction to Italian Culture & Civilization (4 SH)
 - IT 220 Italian Conversation (4 SH)
 - IT 301 Italian for the Professional Environment (4 SH)
 - IS 305 Professional Culture (4 SH)

- BA 450 International Internship (4 SH)
- OR**
- IT 490 Senior Research Project (4 SH)

Spanish

- 28 semester credits including:
- SP 201 Intermediate Spanish I (4 SH)
 - SP 202 Intermediate Spanish II (4 SH)
 - SP 220 Spanish Conversation and Composition (4 SH)
 - SP 225 Hispanic Culture and Civilization (4 SH)
 - SP 301 Spanish for the Professional Environment (4 SH)
 - IS 305 Professional Culture (4 SH)

- BA 450 International Internship (4 SH)
- OR**
- SP 490 Senior Research Project (4 SH)

ITALIAN STUDIES

Degree Awarded: Bachelor of Arts

Since the ancient Roman times, "Italy" has been exporting its civilization, literature and culture around the world (in particular in the western world), in the areas of Latin literature, "Romanitas", humanism, science, fine arts, history, political & moral thought, music, film, fashion, design, car industry and cuisine. Italy has

Bachelor of Fine Arts

Requirements for the Major:

- 64 total semester credits
- 56 semester credits (as outlined in the IMDAT major)
- 8 semester credits – senior project (IM 404, 405)

INTERNATIONAL BUSINESS

(Program accredited by the International Assembly for Collegiate Business Education)

Degree Awarded: Bachelor of Science

The major in international business is interdisciplinary and involves a concentration of business administration courses and demonstrated proficiency in at least one modern foreign language. The curriculum is designed to provide students with the necessary multidisciplinary skills to operate effectively in an international business environment. Students are encouraged to take advantage of the internship program in order to obtain actual work experience in the field prior to graduation.

Requirements for the Major:

- 64-68 semester credits including:
- AC 101 Accounting Principles I (4 SH)
 - AC 102 Accounting Principles II (4 SH)
 - EC 200 Principles of Economics (4 SH)
 - FN 320 Corporation Finance (4 SH)
 - LG 315 Business Law (4 SH)
 - MK 203 Marketing Principles (4 SH)
 - MN 200 Introduction to Management (4 SH)
 - MN 215 Business Statistics (4 SH)
 - MN 323 Organizational Behavior (4 SH)
 - BA 324 International Business (4 SH)

And a required Concentration (choose one):

French

- 24 semester credits including:
- FR 201 Intermediate French (4 SH)
 - FR 210 Studies in Francophone Contemporary Cultures (4 SH)
 - FR 220 French Conversation (4 SH)



REQUIREMENTS FOR THE ACADEMIC MAJOR cont.

produced some of the most remarkable cultural works of the western civilization (i.e. Michelangelo's frescos and sculptures, Leonardo da Vinci's and Galileo's genius, Dante's *Divine Comedy*, Verdi's and Puccini's operas, Fellini's *Dolce Vita*, etc.). The major in Italian Studies allows you to understand, appreciate, and analyze this treasury of human expression; allows you to broaden your cultural and intellectual horizons. It also allows you to interact with the Italian communities spread around the world, and can surely improve employment opportunities for graduates wishing to interact with a vibrant, multicultural and economically active global society. The major and minor in Italian Studies is an interdisciplinary program focusing on the study of the Italian language, culture and literature and its manifestations in history, and its usage in the present cultural and social context. For more information about the program and the possibility of studying in Italy or in Switzerland, please contact the foreign language department.

Requirements for the Major:

40 semester credits including:

- IT 102 Beginning Italian II (4 SH)
- IT 201 Intermediate Italian (4 SH)
- IT 220 Italian Conversation (4 SH)
- IT 211 Introduction to Italian Culture & Civilization (4 SH)
- IT 270/279 Special Topics in Italian (4 SH)
- IT 331 Advanced Italian (4 SH)

And 16 semester credits from the following:

- IT 300 Italian Translation (2 or 4 SH)
- IT 301 Italian for the Professional Environment (2 or 4 SH)
- IT 308 Conversation in a Foreign Setting I (2 or 4 SH)
- IT 309 Conversation in a Foreign Setting II (2 or 4 SH)
- IT 338 Readings in Italian/Italophone Literatures & Cultures I (2 or 4 SH)
- IT 339 Readings in Italian/Italophone Literatures & Cultures II (2 or 4 SH)
- IT 410 Introduction to Italian Literature (4 SH)
- IT 411 Introduction to Dante's *Divine Comedy* (4 SH)
- IT 412 Studies in Italophone Contemporary Cultures & Literatures (4 SH)
- IT 413 Introduction to Italian Renaissance (4 SH)
- IT 420 Italian Fine Arts I (2 or 4 SH)
- IT 422 Studies in Italophone Cinema (2 or 4 SH)
- IT 490 Senior Research Project (2 or 4 SH)
- IT 350 Internship in Italian (2 or 4 SH)
- IT 370/79 Special Topics in Italian (2 or 4 SH)

LEGAL STUDIES

(Program approved by the American Bar Association)

Degree Awarded: Bachelor of Science

This major provides students with the skills and knowledge required to carry out various types of legal assistant/administrator responsibilities such as legal research, writing and investigations.

Legal assistants work for private law firms, government, banks, insurance companies and real estate agencies. Ohio prohibits the practice of law by non-attorneys.

In addition to the college's general transfer credit policy, any student transferring legal specialty credits must comply with the following policy:

The Legal Studies Program Director will review the course description and/or syllabus of any legal specialty course taken at another institution to ascertain if it is equivalent to a course at Lake Erie College and determine whether to allow credit. Twenty (20) semester credits must be taken in the major in residence at Lake Erie College which must include the following:

- LG 410 Ethics (1 SH)
- LG 420 Senior Seminar (3 SH)
- LG 450 Internship (4 SH)

Requirements for the Major:

46 semester credits including:

- LG 110 Introduction to Legal Assisting (2 SH)
- LG 210 Principles of Legal Research and Writing I (4 SH)
- LG/CJ 220 Criminal Law and Procedure (4 SH)
- LG 222 Civil Law and Procedure (4 SH)
- LG 315 Business Law I (4 SH)
- LG/CJ324/PO 320 Constitutional Law (4 SH)
- LG 410 Ethics (1 SH)
- LG 420 Applied Senior Seminar (3 SH)
- LG 450 Legal Assistant Internship (4 SH)

and 16 semester credits from the following:

- LG 230 Investigative Techniques (4 SH)
- LG 303 Taxes and Culture Clinic I (2 or 4 SH)
- LG/CJ/PS 311 Landmark Cases in Mental Health and the Law (4 SH)
- LG 312/SA 315 Legal Issues in Sports (4 SH)
- LG 316 Business Law II (4 SH)
- LG/CJ/PS 327 Death Penalty in America (4 SH)
- LG 332 International Business Law (2 SH)
- LG/PS 345 Psychology and Law (4 SH)
- ET 315 Law for Entrepreneurs (4 SH)
- LG 270/370 Special Topics in Legal Studies (2-4 SH)
- PO 331 Judicial Process (4 SH)

Students are encouraged to take additional coursework in related fields such as foreign languages, business administration, international business, accounting, communications, etc.

MANAGEMENT

Degree Awarded: Bachelor of Arts

The Bachelor of Arts in Management offers an interdisciplinary approach to the study of business and management to support



professionals in the core functional areas of accounting, finance, policy, social issues, and organizational behavior so that they will be able to effectively participate in and manage projects in any of these areas. The major emphasizes critical thinking, team and written communication skills and incorporates a Business Application Project that builds on the knowledge gained in each program class. Coursework is designed specifically to capitalize on the learning styles of adult students, through an accelerated cohort model. Graduates will be prepared to take on positions of increasing managerial responsibility as a result of formalizing and updating their knowledge of best business practices across industries and sectors.

Admission to the Adult Degree Completion Program Required. See the Adult Degree Completion Learner Handbook for additional details.

Requirements for the Major:

53 semester credits including:

- AC 101 Principles of Accounting I (4 SH)
- AC 102 Principles of Accounting II (4 SH)
- ADM 201 The Adult Journey (3 SH)
- ADM 210 Management Principles (3 SH)
- ADM 215 Research Methods and Statistics (3 SH)
- ADM 301 Accounting for Managers (3 SH)
- ADM 302 Economics for Managers (3 SH)
- ADM 303 Finance for Managers (3 SH)
- ADM 304 Marketing for Managers (3 SH)
- ADM 320 Global Business (3 SH)
- ADM 321 Human Capital Management (3 SH)
- ADM 322 Strategic Management (3 SH)
- ADM 323 Business Ethics and Individual Values (3 SH)
- ADM 330 Organizational Systems (3 SH)
- ADM 331 (Group and Team Dynamics (3 SH)
- ADM 332 Organizational Communications (3 SH)
- ADM 490 Capstone Project (3 SH)

MARKETING

(Program accredited by the International Assembly for Collegiate Business Education)

Degree Awarded: Bachelor of Science

The marketing major is designed to give students exposure to specific areas of marketing not addressed by the more broad based business administration major. The program builds on a foundation of business courses with a set of courses covering topics such as marketing research, advertising, public relations, consumer behavior and international marketing.

Requirements for the Major:

60-63 semester credits including:

- AC 101 Accounting Principles I (4 SH)
- AC 102 Accounting Principles II (4 SH)
- EC 200 Principles of Economics (4 SH)

- MN 200 Introduction to Management (4 SH)
- MN 215 Business Statistics (4 SH)
- MK 203 Marketing Principles (4 SH)
- MK 317 Marketing Management (4 SH)
- MK 328 International Marketing (2 SH)
- MK 334 Consumer Behavior (4 SH)
- MK 335 Marketing Research (4 SH)
- MK 394 Advertising and Public Relations (4 SH)
- MK 250/350 Internship in Marketing (2-5 SH)
- FN 320 Corporation Finance (4 SH)
- LG 315 Business Law I (4 SH)
- CI 341 Management Information Systems (4 SH)
- BA 400 Senior Seminar (4 SH)

Suggested electives:

- MK 170-79/270-79/370-79 Special Topics in Marketing (1-4 SH)
- MK 260/360 Individual Investigation in Marketing (1-4 SH)

MATHEMATICS

Degree Awarded: Bachelor of Science or Bachelor of Arts

The department of mathematics provides advanced courses for students majoring in mathematics and offers instruction appropriate for students of other disciplines. A student who wishes to continue mathematics in graduate school or to seek employment on the basis of a strong mathematics background is advised to take special topics in mathematics including at least one course in computer information systems.

Requirements for the Major:

Bachelor of science

55 semester credits including:

- MT 207 Probability and Statistics (4 SH)
- MT 209 Discrete Mathematics (4 SH)
- MT 210 Calculus and Analytical Geometry I (5 SH)
- MT 211 Calculus and Analytical Geometry II (4 SH)
- MT 213 Calculus and Analytical Geometry III (4 SH)
- MT 303 The History of Mathematics (4 SH)
- MT 309 Differential Equations (4 SH)
- MT 311 Intermediate Analysis (4 SH)
- MT 323 Modern Linear Algebra (4 SH)
- MT 324 Modern Abstract Algebra (4 SH)
- MT 401 Senior Research (2 SH)

and 12 semester credits from the sciences (BI, CH, PC or CI)

Bachelor of arts

43 semester credits including:

- MT 207 Probability and Statistics (4 SH)
- MT 209 Discrete Mathematics (4 SH)
- MT 210 Calculus and Analytical Geometry I (5 SH)



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MT 211 Calculus and Analytical Geometry II (4 SH)
MT 213 Calculus and Analytical Geometry III (4 SH)
MT 303 The History of Mathematics (4 SH)
MT 311 Intermediate Analysis (4 SH)
MT 323 Modern Linear Algebra (4 SH)
MT 324 Modern Abstract Algebra (4 SH)
MT 401 Senior Research (2 SH)

and four semester credits from the following:

MT 309 Differential Equations (4 SH)
MT 300 Modern Geometry and Logic (4 SH)

MODERN FOREIGN LANGUAGES: applied concentration

Degree Awarded: Bachelor of Arts

The major in modern foreign languages applied concentration prepares students for a career in today's increasingly global economy. The program emphasizes an interactive approach to foreign language learning, the development of intercultural literacy and the acquisition of the professional skills necessary to compete in the job market. The major's interdisciplinary structure allows students to concentrate on both foreign language learning and the pursuit of courses offered within any other major at Lake Erie College. Modern foreign language: applied concentration majors are strongly encouraged to spend a semester abroad.

The department of modern foreign languages provides individualized support in internship as well as in career placement.

Requirements for the Major:

A minimum of 44 semester credits including:
FR/GR/IT/SP 490 Senior Research Project (4 SH)

24 credits beyond the 100-level in one foreign language and 16 additional credits beyond the 100-level in either another foreign language or any other major offered at Lake Erie College. Lake Erie College offers language courses in French, German, Italian and Spanish.

POLITICAL SCIENCE

Degree Awarded: Bachelor of Arts

The major in political science provides students with an understanding of political institutions and processes at the local, national and international level. The curriculum exposes students to the major sub-fields of the discipline including American government, comparative politics, international relations and political philosophy. Students explore fundamental political concepts such as democracy, power, citizenship, governance,

and rights, and they acquire research skills enabling them to understand and analyze political phenomena around the world. The program places an emphasis on the development of the student's research, writing and critical thinking skills.

The program prepares students for careers in a variety of fields including government, politics, international affairs, law, business, journalism and education. Political science is an excellent undergraduate major for students interested in attending law school after graduation.

The major is designed to allow students significant flexibility in designing a course of study based upon their areas of interest. Internships and study abroad opportunities are available.

Requirements for the Major:

48 semester credits including:

A minimum of 20 upper-division semester credits in political science is required (300 or 400 level courses)

PO 101 Introduction to Political Science (4 SH)
PO 110 American National Government (4 SH)
PS 204 Statistics (4 SH)
SS 334 Methods of Field Research (4 SH)
PO 490 Senior Seminar (4 SH)

and 28 semester credits from the following:

PO 201 Introduction to Political Ideologies (4 SH)
PO 202 Public Policy (4 SH)
PO 205 State and Local Government (4 SH)
PO 208 America as a World Power (4 SH)
PO 212 Comparative Politics (4 SH)
PO 214 International Relations (4 SH)
PO 310 European Politics (4 SH)
PO 311 Politics of Developing Countries (4 SH)
PO 320 Constitutional Law (4 SH)
PO 321 International Organization and Law (4 SH)
PO 330 Legislative Process (4 SH)
PO 331 Judicial Process (4 SH)
PO 333 American Presidency (4 SH)
PO 340 Political Parties and Interest Groups (4 SH)
PO 341 Public Administration (4 SH)
PO 250/350 Internship (2-5 SH)
PO 160/260/360 Individual Investigation in Political Science (2-4 SH)
PO 170-79/270-79/370-79 Special Topics in Political Science (2-4 SH)

PSYCHOLOGY

Degree Awarded: Bachelor of Arts or Bachelor of Science

The psychology major is designed to increase personal understanding of animal and human behavior and mental



processes and to provide basic preparation for entrance into graduate school or pursuit of a professional career in the field of psychology.

Students should realize careers in the field of psychology typically require further training; many of our students pursue graduate studies in this field. It is strongly recommended that all psychology majors participate in an internship (PS 250/350). Internships introduce students to a variety of careers that require this training and provide valuable hands-on experience. Psychology students have worked with the Juvenile Court, shelters, psychiatric clinics and rehabilitation agencies. All eligible psychology majors are encouraged to participate in Psi Chi, The National Honor Society in Psychology and in the Psychology Club.

Requirements for the Major:

44 semester credits including:

- PS 101 General Psychology (4 SH)
- PS 204 Statistics (4 SH)
- PS 222 Psychology of Personality (4 SH)
- PS 324 Physiological Psychology (4 SH)
- PS 325 Research Methods (4 SH)
- PS 329 Abnormal Psychology (4 SH)
- PS 400 Psychology Research Seminar (4 SH)

and 16 additional credits as follows:

Candidates for the B.A. degree select their 16 credits from the following courses:

- PS 232 Social Psychology (4 SH)
- PS 237 Human Sexuality (4 SH)
- PS 305 Psychology of Learning (4 SH)
- PS 318 Personality Assessment (4 SH)
- PS 322 Adulthood and Aging (4 SH)
- PS 335 Introduction to Clinical Psychology (4 SH)
- PS 336 Cognitive Psychology (4 SH)
- PS 345 Psychology and Law (4 SH)
- PS 170/270/370 Special Topics in Psychology (2-4 SH)
- PS 250/350 Internship in Psychology (2-5 SH)
- PS 160/260/360 Individual Investigation in Psychology (2-4 SH)

Candidates for the B.S. degree select their 16 credits from the following courses:

Four semester credits from the following:

- PS 232 Social Psychology (4 SH)
- PS 237 Human Sexuality (4 SH)
- PS 305 Psychology of Learning (4 SH)
- PS 318 Personality Assessment (4 SH)
- PS 322 Adulthood and Aging (4 SH)
- PS 335 Introduction to Clinical Psychology (4 SH)
- PS 336 Cognitive Psychology (4 SH)
- PS 345 Psychology and Law (4 SH)
- PS 170/270/370 Special Topics in Psychology (2-4 SH)

- PS 250/350 Internship in Psychology (2-5 SH)
- PS 160/260/360 Individual Investigation in Psychology (2-4 SH)

and 12 semester credits from:

- BI 100 Concepts of Biology (3 SH)
- BI 100L Concepts of Biology Laboratory (1 SH)
- BI 238/BI 238L Mammalian Anatomy & Physiology I/Lab (3/1 SH)
- BI 333 Animal Behavior (4 SH)
- CH 103/CH 103L General Chemistry I/Lab (3/2 SH)

Substitutions for these requirements may be made only with the approval of a psychology faculty member. Requests must be accompanied by a written statement explaining the reason(s) for the substitution.

Forensic Psychology Concentration

Forensic psychology is the application of the science and profession of psychology to questions and issues relating to law and the legal system. Students will have to meet the same requirements as the psychology major and

16 additional semester credits including:

- CJ 220 Criminal Law and Procedure (4 SH)
- CJ 324 Constitutional Law (4 SH)
- CJ 311 Landmark Cases in Mental Health and the Law (4 SH)
- PS 345 Psychology and Law (4 SH)

SOCIAL SCIENCES

Degree Awarded: Bachelor of Arts

The major in social sciences consists of several basic courses taken in common by all students majoring in this area, plus a concentration in history or sociology. The social science major is designed to give students breadth as well as depth and provides the background necessary for law school, graduate study in social work or graduate work in the social sciences.

Requirements for the Major:

52 semester credits including:

- PS 204 Statistics (4 SH)
- SS 334 Methods of Field Research (4 SH)

and 12 semester credits from the following:

- PO 110 American National Government (4 SH)
- PS 101 General Psychology (4 SH)
- any 100-level History courses (4 SH)
- any 100-level Sociology course (4 SH)

and 16 200-level credits (representing at least two of the following disciplines: economics, history, political science, psychology,



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or sociology)

and 12 300-level credits (representing the following different disciplines: economics, history, political science, psychology, or sociology)

and four additional 300 or 400-level credits in one of those areas of concentration.

SPANISH STUDIES

Degree Awarded: Bachelor of Arts

Traditionally, people from the United States are not obligated to learn another language besides English. However, economic globalization has made communication among cultures and nations more important than ever. Spanish is spoken by almost 400 million people worldwide; moreover, about half the population of the Western Hemisphere speaks Spanish, making it the primary language for as many people as English in this part of the world. Even within the U.S. Spanish is the second most widely-spoken language. A major in Spanish Studies allows students to engage with a rich variety of history, literature, art, and architecture -- the cultures of Cervantes, Goya, Picasso, Allende, Garcia Marquez and Borges, to name only a few -- that have had and will continue to have profound impact on the nation and the world in the 21st century.

Requirements for the Major:

40 semester credits including:

- SP 102 Beginning Spanish II (4 SH)
- SP 201 Intermediate Spanish I (4 SH)
- SP 202 Intermediate Spanish II (4 SH)
- SP 220 Spanish Conversation and Composition (4 SH)
- SP 225 Hispanic Culture and Civilization (4 SH)
- SP 490 Senior Research Project (4 SH)

and 16 semester credits from the following:

- SP 300 Spanish Translation (4 SH)
- SP 301 Spanish for the Professional Environment (4 SH)
- SP 320 Introduction to Spanish Literature (4 SH)
- SP 330 Spanish American Cinema (4 SH)
- SP 335 Spanish Art and Architecture (4 SH)
- SP 340 Language and Study Abroad (4 SH)
- SP 410 Spanish American Literature (4 SH)
- SP 411 Readings in Spanish Literature and Culture (4 SH)
- SP 250/350 Internship in Spanish (2-4 SH)
- SP 260/360 Independent Studies in Spanish (2-4 SH)
- SP 170-79/270-79/370-79 Special Topics in Spanish (2-4 SH)

SPORT MANAGEMENT

Degree Awarded: Bachelor of Science

The sport management major is designed to give students exposure to many facets of the growing sports management field. The program builds on a foundation of business courses with application-specific courses in the sports industry. Students are encouraged to take advantage of the internship program in order to obtain actual work experience in the sports management field prior to graduation.

Requirements for the Major:

68 semester credits including:

- AC 101 Accounting Principle I (4 SH)
- AC 102 Accounting Principles II (4 SH)
- EC 200 Principles of Economics (4 SH)
- MN 200 Introduction to Management (4 SH)
- MN 215 Business Statistics (4 SH)
- MN 216 Applied Decision Models (4 SH)
- MN 323 Organizational Behavior (4 SH)
- FN 320 Corporate Finance (4 SH)
- SA 101 Introduction to Sport Management (4 SH)
- SA 205 Sport Facility Planning, and Operations Management (4 SH)
- SA 328 International Sport Administration (4 SH)
- SA 350 Internship in Sport Management (4 SH)
- BA 400 Senior Seminar (4 SH)

and four semester credits from the following:

- SA 203 Sport Marketing and Communication (4 SH)
- MK 203 Marketing Principles (4 SH)

and four semester credits from the following:

- SA 315 Legal Issues in Sports (4 SH)
- LG 315 Business Law I (4 SH)

and four semester credits from the following:

- SA 204/CM 204 Sports Communication (4 SH)
- SA 220/SO 220 Sport Sociology (4 SH)
- SA 221/PS 221 Sport Psychology (4 SH)

and four semester credits from the following:

- SA 311 Sports Events, Promotion and Sales Management (4 SH)
- SA 320 Leadership in Sports (4 SH)
- SA 321 Sports in Education (4 SH)





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REQUIREMENTS FOR THE ACADEMIC MINOR

Academic minor programs of study generally consist of a series of courses, totaling 16 to 20 semester credits, that provide a coherent body of knowledge in either a particular discipline or in an interdisciplinary cluster. Although by design not as extensive as an academic major, the pursuit of an academic minor—while not required—will provide content knowledge and a credential in a secondary area of specialization which might well help the future graduate in terms of further postgraduate education and employment. One half (50%) of the minor must be taken at Lake Erie College.

ACCOUNTING

16 semester credits including:

Eight semester credits from the following:

- AC 101 Principles of Accounting I (4 SH)
- AC 102 Principles of Accounting II (4 SH)

and eight semester credits from the following:

- AC 301 Intermediate Accounting I (4 SH)
- AC 302 Intermediate Accounting II (4 SH)
- AC 303 Taxes & Culture Clinic I (4 SH)
- AC 308 Federal Income Taxes I (4 SH)
- AC 309 Federal Income Taxes II (4 SH)
- AC 322 Cost Accounting (4 SH)
- AC 403 Auditing (4 SH)
- AC 416 Advanced Accounting (4 SH)

ART

20 semester credits including:

16 semester credit from the following:

- AT 102 Design (4 SH)
- AT 103 Dimensional Design (4 SH)
- AT 240 Arts History I (4 SH)
- AT 241 Art History II (4 SH)

and four semester credits from the following:

- AT 110 Drawing I (4 SH)
- AT 114 Sculpture I (4 SH)
- AT 202 Painting I (4 SH)
- AT 205 Ceramics I (4 SH)
- AT 206 Photography I (4 SH)

BIOLOGY

A minimum of 16 semester credits in the biology field (BI designation).

BUSINESS ADMINISTRATION

20 semester credits including:

16 semester credits from the following:

- AC 101 Principles of Accounting I (4 SH)
- FN 320 Corporation Finance (4 SH)
- MK 203 Marketing Principles (4 SH)
- MN 200 Introduction to Management (4 SH)

and four semester credits from the following:

- AC 102 Accounting Principles II (4 SH)
- BA 324 International Business (4 SH)
- LG 315 Business Law I (4 SH)
- MK 317 Marketing Management (4 SH)
- MK 334 Consumer Behavior (4 SH)
- MK 394 Advertising and Public Relations (4 SH)
- MN 323 Organizational Behavior (4 SH)
- MN 215 Business Statistics (4 SH)
- MN 312 Human Resource Management (4 SH)
- MN 410 Labor Relations (4 SH)

CHEMISTRY

A minimum of 16 semester credits in the chemistry field (CH designation).

COMMUNICATION

16 semester credits including the following:

- CM 220 Small Group Communication (4 SH)
- EN 310 Journalistic Essay (4 SH)

and eight additional semester credits in communication (excluding CM 105 Fundamentals of Public Speaking)

CRIMINAL JUSTICE

A minimum of 16 semester credits in the criminal justice field (CJ designation).



DANCE

20 semester credits including:

18 semester credits from the following:

- DN 201, 301 or 401 Ballet Technique (2 SH)
- DN 202, 302 or 402 Modern Dance Technique (2 SH)
- DN 213 Dance History (4 SH)
- DN 216 Anatomical Kinesiology (3 SH)
- DN 230 Beginning Composition (3 SH)

and two semester credits from the following:

- DN 200 Body Wellness (2 SH)
- DN 210, 310 or 410 Repertory and Performance Techniques I, II or III (2 SH)
- DN 325 Methods of Teaching Dance (4 SH)

**With the approval of the dance faculty, students may also elect to take special topics courses to complete the final 2 SH of the dance minor.

ENGLISH

16 semester credits including:

- EN 140 Principles of Critical Analysis (4 SH)
- EN 342 Studies in Shakespeare (4 SH)

and four semester credits from the following:

- EN 222 Foundations of English Literature (4 SH)
- EN 223 Literature of the Late Middle Ages and Renaissance (4 SH)
- EN 224 Neoclassical and Romantic Literature (4 SH)

and four semester credits from the following:

- EN 340 Studies in British Literature (4 SH)
- EN 341 Studies in American Literature (4 SH)

ENTREPRENEURSHIP STUDIES

The minor in entrepreneurial studies will provide the opportunity for students from any major to develop the skills and experiences that will facilitate the student's efforts in transforming ideas into enterprises that create value. A specific set of knowledge and experiences in the areas of planning, risk-taking, market analysis, problem-solving and creativity are included in the minor.

16 semester credits including:

- ET 201 Fundamentals of the Enterprise (4 SH)
- ET 211 New Venture Planning and Development (4 SH)
- ET 221 Techniques of Persuading, Selling and Negotiating (4 SH)

and four semester credits from the following:

- MN 200 Introduction to Management (4 SH)
- MK 203 Marketing Principles (4 SH)
- CM 304 Advance Public Speaking (4 SH)
- FN 315 Accounting and Finance for Not-For-Profit Organizations (4 SH)

ENVIRONMENTAL SCIENCE

A minimum of 16 semester credits in the environmental science field (ES designation).

16 semester credits from the following:

- BI 104 Introduction to Environmental Science (4 SH)
- BI 225 Environmental Management (3 SH)
- BI 231 Introduction to Geographic Information Systems (3 SH)
- BI 241 Ecotoxicology (3 SH)
- BI 350 Internship in Biology (2-4 SH)*
- BI 170/270/370 Special Topics in Biology (2-4 SH)*

*Must receive approval from the Dean of Natural Sciences to fulfill requirement.

EQUINE STUDIES

The equine studies minor is intended for students from various backgrounds who wish to supplement their academic major with studies in equine studies. This option, when combined with various majors such as business, biology, communication, education and pre-medicine, provides the student with the scientific and technical knowledge, as well as the hands-on practice of horsemanship. In addition, students interested in pursuing further study and/or careers in various equine fields will benefit from the addition of this minor to their curriculum. Students are exposed to the equine industry. Many graduates may work in the allied industries such as breed associations, feed companies, research laboratories and pharmaceutical companies. Others continue their education for a professional degree, such as veterinary medicine, or work toward a masters or doctoral degree.

The coursework provides the following:

1. An understanding of the scope of the industry and its economical value to society.
2. An understanding of the biological principles involved in the nutrition and production of animals.
3. An insight into animal behavior and man's ability to humanely use it for his benefit as well as for the animal's well being.
4. The ability to apply knowledge gained to solve problems and to integrate solutions to attain successful horse production and management.



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REQUIREMENTS FOR THE ACADEMIC MINOR *cont.*

Restrictions and General Information

1. This minor is not available to students majoring in equine studies.
2. A minimum overall 2.5 GPA for all coursework.
3. A minor should be declared at the time a student accumulates 90 hours.
4. A student may not double count courses between the minor and other requirements except where approved by the College.
5. A student must complete a minimum of 16 hours.
6. Courses taken on a pass/fail basis may not be applied to the minor.

16 semester credits including:

- EQ 109 Introduction to the Equine Industry (3 SH)
- EQ 110 Horse Care Practicum (4 SH)

and three semester credits from the following:

- EQ 202 Management of Equestrian Activities (3 SH)
- EQ 207 Introduction to Therapeutic Horsemanship (2 SH)
- EQ 210 Equine Health (4 SH)

and two semester credits from the following:

- EQ 100 Riding Skills I (1 SH)
- EQ 102 Balanced Seat II (2 SH)
- EQ 103 Riding Skills II (1 SH)
- EQ 104 Riding Skills III (1 SH)
- EQ 105 Balanced Seat III (2 SH)
- EQ 113, 114 Hunter I, II (1 SH)
- EQ 127 Dressage I (1 SH)
- EQ 132 Stadium Jumping I (1 SH)
- EQ 145 Eventing I (1 SH)

and 4 semester credits from the following:

- EQ 250/350 Internship in Equine Studies (2-5 SH)
- EQ 230 Course Design (2 SH)
- EQ 302 Training I (2 SH)
- EQ 320 Equine Nutrition (4 SH)
- EQ 324 Pasture Management (2 SH)
- EQ 331 Equine Lameness and Conditioning (4 SH)
- EQ 401 Equine Venture Consulting (3 SH)
- EQ 402 New Venture Creation for the Equine Industry (3 SH)
- EQ 304 Schooling (2 SH)
- EQ 340 Judging (2 SH)

FINANCE

The finance minor is primarily designed for business, accounting, marketing, sports management, entrepreneur and human resource majors. Other majors are also welcome to take finance as a minor. It is designed for students seeking a deeper understanding of the financial environment under which businesses operate and money management.

18 semester credits including:

- FN 326 International Financial Management (2 SH)
- FN 404 Management of Financial Institutions (4 SH)
- FN 405 Investments (4 SH)

and four semester credits from the following:

- FN 321 Intermediate Corporate Finance (4 SH)
- FN 345 Financial Planning (4 SH)
- FN 330 Real Estate Principles and Finance (4 SH)
- ET 320 New Venture Finance

and four semester credits from the following:

- BA 324 International Business
- EC 301 Intermediate Economics (4 SH)
- EC 322 International Economics (4 SH)
- MN 216 Applied Decision Models (4 SH)
- MN 310 Operations Management (4 SH)
- CI 341 Management Information System (4 SH)
- MN 323 Organizational Behavior (4 SH)
- EC 420 Econometrics (4 SH)

FRENCH

20 semester credits including:

- FR 102 Beginning French II (4 SH)*
- FR 201 Intermediate French (4 SH)
- FR 210 Studies in Francophone Contemporary Culture (4 SH)
- FR 220 French Conversation (4 SH)
- FR 302 French Phonetics & Pronunciation (1 SH)
- 3 semester credits at 300-level or above in French

* If FR 102 is waived, then an additional 4 SH course in French above the 100-level must be substituted.

GERMAN

20 semester credits including:

- GR 102 Beginning German II (4 SH)*
- GR 201 Intermediate German (4 SH)
- GR 210 Studies in Germanophone Contemporary Culture (4 SH)
- GR 220 German Conversation (4 SH)
- GR 302 German Phonetics & Pronunciation (1 SH)
- 3 semester credits at 300-level or above in German

* If GR 102 is waived, then an additional 4 SH course in German above the 100-level must be substituted.



HISTORY

16 semester credits in the history field (HI designation)
 A minimum of 4 semester credits must be 200-level
 A minimum of 4 semester credits must be 300-level

INTERVENTION SPECIALIST – MILD TO MODERATE NEEDS

NOTE: This minor does not lead to licensure

Prerequisite: Early Childhood, Middle Childhood or Adolescent/Adult Education major

18 semester credits including:
 EDS 300 Introduction to Individuals with Mild to Moderate Educational Needs (3 SH)
 EDS 302 Assessment and Intervention for Mild to Moderate Special Needs (3 SH)
 EDS 310 Classroom Management and Behavioral Intervention (3 SH)
 EDS 320 Collaboration and Partnerships (3 SH)
 EDS 330 Curriculum and Materials for Mild to Moderate Special Needs (3 SH)

And three semester credits from the following (the course selected must be one not already required for the major):
 EDC 321 Phonetic Approaches to Reading (3 SH)
 EDC 324 Diagnosis and Correction of Reading (3 SH)
 EDE 304 Child Development and Learning (3 SH)
 EDE 323 Reading/Language Arts in Early Childhood (3 SH)
 EDP 310 The Pre-Adolescent/Adolescent Learner (3 SH)
 EDP 416 Reading in the Content Area (3 SH)

ITALIAN

20 semester credits including:
 IT 102 Beginning Italian II (4 SH)
 IT 201 Intermediate Italian (4 SH)
 IT 220 Italian Conversation (4 SH)

and eight semester credits from the following:
 IT 211 Introduction to Italian Culture & Civilization (4 SH)
 IT 331 Advanced Italian (4 SH)
 IT 250 Internship (2-4 SH)
 IT 170/270/370 Special Topics (4 SH)
 Any 300-level IT course (4 SH)

MARKETING

16 semester credits including:
 MK 203 Marketing Principles (4 SH)
 MK 317 Marketing Management (4 SH)
 MK 334 Consumer Behavior (4 SH)
 MK 394 Advertising and Public Relations (4 SH)

MATHEMATICS

17 semester credits including:
 MT 210 Calculus and Analytical Geometry I (5 SH)
 MT 211 Calculus and Analytical Geometry II (4 SH)

and eight semester credits from the following:
 MT 213 Calculus and Analytical Geometry III (4 SH)
 MT 300 Geometry and Logic (4 SH)
 MT 309 Differential Equations (4 SH)
 MT 311 Intermediate Analysis (4 SH)
 MT 323 Modern Linear Algebra (4 SH)
 MT 324 Modern Abstract Algebra (4 SH)

MUSIC

20 semester credits including:
 Eight semester credits in Music Theory from the following:
 MU 140 Fundamentals of Music (4 SH)
 MU 220 Intermediate Theory and Aural Communication (4 SH)
 MU 221 Advanced Theory and Aural Communication I (4 SH)
 MU 222 Advanced Theory and Aural Communication II (4 SH)
 And eight semester credits in Music History from the following:
 MU 304 History and Literature of Music I (4 SH)
 MU 305 History and Literature of Music II (4 SH)
 MU 306 History and Literature of Music III (4 SH)

And four semester credits in Applied Music from the following:
 MU 103 Private Instruction in Flute (1 SH)
 MU 105 Private Instruction in Piano (1 SH)
 MU 106 Private Instruction in Voice (1 SH)
 MU 107 Flute Choir (1 SH)
 MU 108 Choir (1 SH)
 MU 110 Private Instruction in Other Instruments (1 SH)
 MU 112 Conducting (1 SH)
 MU 322 Composition (4 SH)



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REQUIREMENTS FOR THE ACADEMIC MINORS

POLITICAL SCIENCE

A minimum of 16 semester credits in the political science field (PO designation).

PSYCHOLOGY

20 semester credits including:

- PS 101 Introduction to Psychology (4 SH)
- PS 222 Psychology of Personality (4 SH)
- PS 329 Abnormal Psychology (4 SH)

Two additional courses in psychology, PS designation (8 SH)

SOCIAL SCIENCES

16 semester credits including:

- SO 112 Social Issues (4 SH)
- SS 334 Methods of Field Research (4 SH)
- CJ 324 Constitutional Law (4 SH)
- One 400-level criminal justice, psychology or sociology course (4 SH)

SPANISH

20 semester credits including:

- SP 102 Beginning Spanish II (4 SH)
- SP 201 Intermediate Spanish I (4 SH)
- SP 202 Intermediate Spanish II (4 SH)
- SP 220 Spanish Conversation and Composition (4 SH)
- SP 225 Hispanic Culture and Civilization (4 SH)

THEATRE

20 semester credits including:

- TH 106 Acting I (4 SH)
- TH 107 Introduction to Technical Theatre (4 SH)
- TH 201 History of Theatre I (4 SH)
- TH 203 Theatrical Makeup (4 SH)
- TH 100/200/300/400 Theatre Practicum (1 SH each for a total of 2 SH)

and two semester credits from the following:

- TH 206 Acting II (4 SH)
- TH 220 Stagecraft (4 SH)
- TH 304 Scenic Design (4 SH)
- TH 308 Directing (4 SH)
- TH 315 Lighting Design (4 SH)
- TH 319 Costume Design (4 SH)
- TH 270 Special Topics in Theatre (2-4 SH)





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COURSE DESCRIPTIONS

Lake Erie College reserves the right to withdraw or modify any course or program as may be necessary; therefore, courses listed in this catalog may not be offered in the future. Students are referred to the Schedule of Classes available in the Registrar's Office for the most recent information.

ACCOUNTING (AC)

AC 101 Accounting Principles I (4 SH) *Fall*

An introduction to the language of business and its fundamentals as they relate to financial accounting. Topics include the accounting cycle leading to the preparation of financial statements and analysis of current, long-term and intangible assets as well as current and long-term liabilities.

AC 102 Accounting Principles II (4 SH) *Spring*

Prerequisite: AC 101
A continuation of Accounting Principles I (AC101). Financial accounting topics include owners' equity, the cash flow statement and financial statement analysis. Managerial accounting topics include job order costing, cost volume analysis and operational budgeting.

AC 203 International Accounting (2 SH) *Fall – Every Other Year*

Prerequisite: AC 101
A broad-based course that provides an understanding of the international dimensions of accounting. The focus is on comparative accounting systems and the process of the harmonization of accounting standards. Topics include foreign currency translations and the accounting for multinational corporations.

AC 210 Forensic Accounting (4 SH) *Pre-requisite:* AC 102

This course is designed to prepare students to look beyond the numbers. The course will focus on how to identify, detect, investigate and prevent financial fraud. It outlines the nature of financial fraud and the different types of fraud. It will discuss the nature of fraud perpetrators, why they commit fraud and the warning signals that fraud may have occurred.

AC 301 Intermediate Accounting I (4 SH) *Fall*

Prerequisite: AC 102 or permission of instructor
Financial accounting that stresses the theory and practical application of accounting standards and concepts. The accounting assumptions, theories and facts that substantiate or refute these current accounting standards and concepts are challenged. The accountant's professional and ethical role in both the development and interpretation of accounting information is examined. Topics include the various accounts contained on the

asset side of the balance sheet.

AC 302 Intermediate Accounting II (4 SH) *Spring*

Prerequisite: AC 301 or permission of instructor
A continuation of Intermediate Accounting I (AC 301). Emphasis is placed on converting accounting from an information generating profession to one that uses information to solve problems and carry out an organization's vision. Topics covered include accounting for liabilities, shareholders' equity, stock-based compensation, leases, pensions and deferred income taxes.

AC 303 Taxes & Culture Clinic I (2 or 4 SH) *Spring*

Prerequisite: Sophomore status or permission of instructor
An interdisciplinary course covering basic income tax and immigration law and the Hispanic culture. Students gain a fundamental understanding of federal, state and city income tax law for low-income taxpayers. Students gain a first hand knowledge of basic immigration law and how undocumented United States workers are handled through our system. It is a clinic course relying heavily on student participation. Cross-listed as LG 303.

AC 308 Federal Income Taxes I (4 SH) *Fall*

Prerequisite: AC 102 or permission of instructor.
Encompasses the study and research of the federal income tax laws. Focus is on the determination of taxable income of individuals. Topics include gross income, inclusions of taxable income and exclusions, deductions and losses, exemptions, credits and property transactions.

AC 309 Federal Income Taxes II (4 SH) *Spring - Every Other Year*

Prerequisite: AC 308 or permission of instructor.
Encompasses the study and research of the federal income tax laws. Focus is on the determination of taxable income of corporations, partnerships, trusts and estates.

AC 322 Cost Accounting (4 SH) *Spring*

Prerequisite: AC 102
This course emphasizes cost accounting methods used to determine product costs for internal decision-making and external financial reporting. Topics include variable, fixed and semi-variable costs, activity-based costing, job order costing, process costing, standard costing, break-even analysis, budgeting, quality control, inventory management, pricing special orders and transfer pricing.

AC 403 Auditing (4 SH) *Fall*

Prerequisite: AC 302, CI 101, MN 215 or permission of instructor
The principles, concepts, standards and procedures utilized by internal auditors and the independent public accountant. Topics



include professional ethics, independence and legal responsibility, statistical sampling, auditing standards and procedures.

AC 406 Taxes & Culture Clinic II (2 SH)
Spring

Prerequisite: AC 303
An interdisciplinary course covering basic income tax and immigration law and the Hispanic culture. Students gain a fundamental understanding of federal, state and city income tax law for low-income taxpayers. Students gain a first-hand knowledge of basic immigration law and how undocumented United States workers are handled through our system. It is a clinic course relying heavily on student participation. Cross-listed as LG 406.

AC 416 Advanced Accounting (4 SH)
Spring

Prerequisite: AC 301 or permission of instructor
Combines sound theoretical advanced financial accounting concepts to practical applications. Topics include the accounting for business combinations, foreign currency transactions and translations, partnerships and governmental entities.

AC 250/350 Internship in Accounting (2-5 SH)

Internships are academic courses that take place in professional work settings and call for the application of concepts learned in the classroom. Students gain on-the-job experience under supervision by working directly with a manager in a business or nonprofit organization.

AC 360 Individual Investigation in Accounting (2-5 SH)

Students study topics of interest not offered as regular courses.

AC 170-79/270-79/370-79 Special Topics in Accounting (2-4 SH)

Courses in topics of special interest to faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

ADULT DEGREE COMPLETION MANAGEMENT (ADM)

ADM 201 The Adult Journey (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This course is specifically designed as the first course in the Management degree completion program sequence. As such, it has a dual purpose. Academically, it presents both classic and contemporary adult development lifespan theory while linking these concepts to individual experience through assessment and reflection. From an instructional design standpoint, this course provides the foundations for cohort development and lifelong writing skills to be utilized throughout the degree completion program.

ADM 210 Management Principles (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
Learners will examine the foundations and traditional approaches of management principles: planning, organizing, leading, and controlling. This incorporates the elements of delivering strategic value, building a dynamic organization, mobilizing people, and learning and changing. Leadership and collaboration is integrated with direct applications to the individual and group functioning in today's business environment.

ADM 215 Research Methods and Statistics (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This course will provide an overview of the research process and research methods. Learners will use Microsoft Excel spreadsheets. Problem analysis and evaluation techniques are presented. Learners are shown methods for defining, researching, analyzing, and evaluating a problem they would solve in their work or a vocational environment. Specific statistical information covered in the module includes identifying and measuring objectives, collecting data, working with significance levels, analyzing variance, and constructing questionnaires.

ADM 301 Accounting for Managers (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
In this course, the learner will build on the fundamentals covered in earlier, introductory accounting courses. The learner will be introduced to a number of tools and reports that aid in the planning and control cycle. Cost allocation methods make it possible to provide information regarding business operations. Break-even analysis helps managers understand how profits are affected by selling prices, volume, unit variable costs, and mixed costs. Budgeting provides the framework for organizations planning. The analysis of variance from the planned budget gives insight into the operations of the organization and provides a mechanism for controlling operations. Learners will be challenged to develop relevant accounting-related skills and to integrate accounting knowledge with broader management issues.

ADM 302 Economics for Managers (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This course focuses upon the principles of economics, both micro and macro, as they need to be understood and used by managers and supervisors in all fields. This survey of the field will allow managers at every level, and in every type of organization, to understand and be able to use the principles of economics to aid in making sound decisions. Among the topics covered are the market forces of supply and demand; how economic factors affect business; consumer demand and behavior; market structures such as monopoly and oligopoly; key macroeconomic concepts such as GDP, inflation, and balance of payments; the role of the federal reserve and development of monetary policy; and the application of economic theory to real world examples.

ADM 303 Finance for Managers (3 SH)

Prerequisite: Adult Degree Completion Program Students Only



COURSE DESCRIPTIONS cont.

In this course, the learner will explore the financial tools available for planning and analysis, as well as how those tools are utilized to manage cash flows and financial resources, and to evaluate future investment opportunities. Three primary topics in corporate finance will be developed. These topics include the importance of short-term finance for current operations, the use of capital budgeting tools for investment analysis and the foundation of long term finance for defining the organization's cost of capital and optimal capital structure.

ADM 304 Marketing for Managers (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
Through assigned reading, case studies, internet research, class discussion, writing assignments, and the team project, learners will be exposed to basic marketing theory and terminology. They will be given the opportunity to apply these principles and concepts to real world, domestic and international situations. This exploration provides learners with an appreciation of the role of marketing in organizational strategic planning: an awareness of how customer behavior and decision data are collected and analyzed in the marketing planning process; and the confidence to participate with other organizational members to "connect with customers" in a variety of effective and meaningful ways.

ADM 320 Global Business (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This course examines world trade and the processes that managers go through to establish or expand operations into international markets, and introduces business involvement in foreign markets, combining theoretical, historical, and current perspectives on international business and world trade. The terminology of international business and the influence of forces such as culture, economics, politics, and geography on business and markets are presented. Significant international organizations including the World Bank, the International Development Association, the World Trade Organization, and the International Monetary Fund are included as well.

ADM 321 Human Capital Management (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
Learners explore the values and perceptions of managing human capital through an analysis of policies and practices of policies and practices of recruitment, selection, training, development, and compensation of employees. Special attention is given to Equal Employment Opportunity and Office of Safety and Health Administration Legislation through a series of case studies and simulations.

ADM 322 Strategic Management (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
The goal of this course is to integrate the concepts of strategic management, business strategy formulation and business policy. The course explores the concepts behind strategic management and strategy formulation. This includes exploring the issue of social responsibility, defining a company's mission

statement, the use of internal analysis, external analysis, and levels of strategy. The course also examines issues involved with strategy implementation. This includes structural, cultural and leadership implications. For evaluation, this course utilizes a combination of quizzes, essays, personal presentations and a final summary paper.

ADM 323 Business Ethics and Individual Values (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This is a course in which the learner formulates a philosophy of life, providing the base for such concerns as ethics in business, accountability in government, respect for human rights, and responsible lifestyle in our contemporary world. Ethical theories and personal values are examined through readings, analysis of the workplace, and classroom discussion.

ADM 330 Organizational Systems (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
In today's business world, competition necessitates that any organization first establish, and then sustain, a competitive advantage. This can only be accomplished by organizations that are functioning effectively across the many dimensions of organizational behavior. This course examines the three dimensions of individual behavior in organizations, groups and social processes, and organizational processes.

ADM 331 Group and Team Dynamics (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This course explores the nature of groups and teams in the workplace. It looks at group and team theory and seeks to provide the learner a guide for practical application of that theory in the participation, leadership and management of groups and teams in the professional environment. Participants will develop a critical view of groups and teams, and be able to design, assess, and critique effective group and team practice.

ADM 332 Organizational Communications (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
The business communications course addresses the multiple means through which effective communications take place in the business environment. The course explores different aspects of communications including verbal and non-verbal, conflict and conflict resolution, and presents multiple theories addressing modern issues in communication in the workplace while equipping adult learners to identify and address issues impacting communications.

ADM 490 Capstone Project (3 SH)

Prerequisite: Adult Degree Completion Program Students Only
This integrative course provides a capstone to the entire degree-completion program. Learners will complete a significant project drawing upon learning outcomes from prior courses. The project will include how to identify and define a workplace problem, how to find information and literature sources related to it, and how to evaluate and utilize identified sources leading to a viable action



plan for resolution, In addition to the written analysis, students will present their project to their instructor and cohort.

ARTS MANAGEMENT (AM)

AM 300 Principles of Fine Arts Management (4 SH)

Prerequisite : Junior status or permission.

An analysis of the management of nonprofit arts organizations, such as museums, performing groups, service organizations and government agencies. Other faculty and arts professionals will be brought in to discuss particular areas of arts administration. Course will be taught in seminar format.

AM 310 Fine Arts Management Practicum I (1-4 SH)

Prerequisite : Junior status or permission

Students will participate in the design of and grant writing for a specific project, taking it from beginning stages of development, through project research into grant writing. Students must contract with appropriate faculty for 50 hours of application work per academic credit. A maximum of four credits possible over junior and senior years.

AM 320 Fine Arts Management Practicum II (1-4 SH)

Prerequisite : Junior status or permission

Students will participate in the preparation necessary to present artistic events on campus. Projects could include the organization, promotion and mounting of an exhibition, the booking and promotion of concerts, theater or dance events or other appropriate arts activities. Students must contract with appropriate faculty for 50 hours of application work per academic credit. A maximum of eight credits possible over junior and senior years.

AM 450 Fine Arts Management Internship (1-4 SH)

Prerequisite : Junior status or permission

Placement in area not-for-profit arts organizations. Students must contract with appropriate arts administrator for 50 hours of internship application per academic credit. A maximum of eight credits possible.

ART (AT)

AT 102 Design (4 SH)

A foundation course providing a working understanding of basic two-dimensional design principles in black and white and color, with emphasis on formal elements and principles of art.

AT 103 Dimensional Design (4 SH)

This course is a foundation class which provides a working understanding of three-dimensional design principles with an emphasis on formal elements and principles of three-dimensional art. Students are also introduced to materials and techniques of three-dimensional processes.

AT 104 Experiencing the Visual Arts (4 SH)

An introduction to the basic elements and forms of visual art in both theory and practice. Students will analyze a variety of forms representing both historical and contemporary periods. The course includes a studio element in which students will complete several projects.

AT 110 Drawing I (4 SH)

A course teaching and strengthening the many skills needed to make a drawing; observational skills, comparison skills, hand skills, conceptual and creative skills.

AT 114 Sculpture I (4 SH)

A study of the basic concepts and techniques of sculpture.

AT 202 Painting I (4 SH)

Prerequisite: AT 110

The basic techniques of painting are emphasized: stretching and priming canvas, work with paints and media, color. Students will work on improving their drawing, compositional and conceptual skills.

AT 205 Ceramics I (4 SH)

A study of basic techniques, including hand building techniques, an introduction to the potter's wheel, glazing and decoration.

AT 206 Photography I (4 SH)

A study of black and white photography, including the use of a 35mm camera, with emphasis on darkroom techniques and building compositional skills.

AT 207 Digital Photography and Imaging (4 SH)

The course Digital Photography and Imaging serves as an introduction to the world of digital photography and computer graphics, and as a prerequisite for future photography and computer graphic classes in general. This software program used is the industry standard for all digital image manipulation and editing, and is an important tool that the students should be comfortable for both a photography or computer graphics related field. Cross-listed as IM 207.

AT 210 Drawing II (4 SH)

Prerequisite: AT 110

A continuation of AT 110, with review and practice of basic skills of drawing and their application to stronger, more complete drawings. New drawing techniques and media will be presented with emphasis on a thoughtful approach to drawing.

AT 225 Introduction to Graphic Communications I (4 SH)

Prerequisite: AT 102/104

This course is an introduction to the basics of drawing and design on the computer utilizing Adobe Photoshop. Emphasis will be placed on the conceptual and practical uses of the computer as a tool for studio technique.



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COURSE DESCRIPTIONS cont.

AT 226 Introduction to Graphic Communications II (4 SH)

Prerequisite: AT 225

Emphasis will be placed upon building artistic communicative and stylistic skills beyond the introductory level. Course will explore advanced techniques in color manipulation, organization elements, spatial relationships and form analysis.

AT 230 Animation (4 SH)

This course will serve as an introduction to the world of 2D and 3D computer-generated graphics with a focus on drawing, modeling and animation. Form visualization principles practiced in the fields of design, drawing and sculpture will be covered including basic approaches to model surfacing, lighting and presentation. The course will then progress to the basic principles of timing and motion through the production of two and three-dimensional computer-generated animation. The course will prepare you for work ranging from instructional animations to entertainment media. Cross listed as IM 230.

AT 231 Video Editing and Compositing (4 SH)

This course is an introduction to Video Editing and compositing using industry standard software. The entire workflow would be covered from planning a video shoot, filming the shoot, and then editing the footage, including adding special effects. This course will prepare you for work in making commercials, web video, broadcast, entertainment films and/or art films. Cross listed as IM 231.

AT 240 Art History I (4 SH)

A survey combining a study of Western, Ancient and Medieval art history with the art history of non-western civilizations.

AT 241 Art History II (4 SH)

A survey of modern western art history from the Italian Renaissance to the Twentieth Century.

AT 302 Painting II (4 SH)

Prerequisite: AT 202

A course for those with Painting I experience. Emphasis will be on the development of one's personal expression in paint and putting acquired painting skills to use.

AT 305 Ceramics II (4 SH)

Prerequisite: AT 205

Continued development of skills learned in Ceramics I, with emphasis given to increased technical control of the materials and to work in areas of individual interest.

AT 306 Photography II (4 SH)

Prerequisite: AT 206

Advanced darkroom techniques in black and white photography, plus introduction to new techniques for creative imagery.

AT 330 Web and Interactive Art (4 SH)

This course will focus on Web Design and Interactive art within the realm of the World Wide Web. The course will explore the Internet as a medium for art, as a space for advertisement and commercial applications AND as a location to deliver information while utilizing the artistic possibilities of HTML, Dreamweaver, Photoshop and Flash. Cross listed as IM 330.

AT 400 Multidisciplinary Art and Digital Performance (4 SH)

Prerequisite: Junior or Senior Standing

This course explores experimental and traditional work of integrating digital technologies into visual, dance, music and theater performances. This includes working with digital projections, real-time processing of data (i.e. music data connected and controlling visual display or devices controlling instruments/sounds), sensors, motion tracking via software, and other emerging technologies. Reading about contemporary performances and art will be included, and we will work towards creating a performance/installation within this multidisciplinary course. Cross listed as DN400, FA400, IM400, MU400, TH406.

AT 404,405 Senior Project (4, 4 SH)

An intense, yearlong, primarily self-motivated period of studio work, monitored by the art faculty. These two courses will serve as the B.F.A. candidacy sequence, culminating in the B.F.A. exhibition. Both courses must be taken in order to receive credit.

AT 250/350 Internship in Visual Art (2-4 SH)

AT 160/260/360 Individual Investigation in Studio Art (2-5 SH)

Independent study of topics not offered as regular courses.

AT 170-79/270-79/370-79 Special Topics in Studio Art (2-5 SH)

Recently students have completed special topics in life drawing, watercolor and monotype printing.

BIOLOGY (BI)

All biology courses involve both lecture and laboratory work unless otherwise indicated.

BI 100 Concepts of Biology (4 SH) *Fall and Spring*

Concurrent requisite: BI 100L

This course explores the breadth of modern biology and is intended to illuminate relevant science issues in society. The specific focus of this course will change from semester to semester and may include any or all of the following topics: human health concerns, genetics and reproduction, the role of biotechnology in medicine and food production, biodiversity loss and habitat degradation, and global climate issues.



BI 101 Introductory Biology I (3 SH)
Fall

Concurrent requisite: BI 101L

The first of a two-course sequence for the Biology major, Introductory Biology I covers the scientific method, the chemical basis of life, energetics, cell structure and function, genetics and biotechnology, the origins of life, and evolution.

Note: If BI 101 is chosen to satisfy the "Scientific Inquiry" general education requirement at Lake Erie College, then both the lecture (BI 101) and laboratory (BI 101L) are required.

BI 101L Introductory Biology I Lab (1 SH)

Concurrent requisite: BI 101 lecture

Additional Lab Fee

Introductory Biology I Laboratory familiarizes students with the basic tools of a biology laboratory and uses descriptive and experimental approaches to illustrate basic concepts presented in BI 101 lecture.

BI 102 Introductory Biology II (3 SH)

Prerequisite: BI 101, BI 101L

Concurrent requisite: BI 102L

The second of a two-course sequence for the Biology major, Introductory Biology II surveys the kingdoms of life, taxonomy and biodiversity, basic mammalian anatomy, ecology, and critical issues concerning the health of the planet.

BI 102L Introductory Biology II Lab (1 SH)

Prerequisite: BI 101, BI 101L

Concurrent requisite: BI 102 lecture

Introductory Biology II Laboratory provides hands-on experience for topics from BI 102 lecture including study of preserved and living specimens of organisms and some animal dissection.

BI 201 Botany (3 SH)

Fall

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

Concurrent requisite: BI 201L

An introduction to the biology of the plant kingdom. Emphasis is placed on the structure, function, development and ecology of higher plants and the evolution of simple to more complex forms.

BI 201L Botany Lab (1 SH)

Concurrent requisite: BI 201

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 201.

BI 203 Cell and Molecular Biology (3 SH)

Fall

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

Concurrent requisite: BI 203L

Lecture and laboratory exercises on metabolism, membrane transport, intercellular communication, genetic engineering and genetic control of cellular activities.

BI 203L Cell and Molecular Biology Lab (1 SH)

Concurrent requisite: BI 203

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 203.

BI 205 Microbiology (4 SH)

Fall

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

Concurrent requisite: BI 205L

Basic principles of microbiology with emphasis on structure, physiology, pathogenicity, classification and cultivation. The laboratory puts the theory learned in the lecture into practice.

BI 205L Microbiology Lab (1 SH)

Concurrent requisite: BI 205

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 205.

BI 210 Field Biology (4 SH)

Fall

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

A field course stressing techniques of habitat analysis, population estimation and identification of local flora and fauna. Designed especially for students with an interest in natural history and environmental education.

BI 211 Forensic Biology (3 SH)

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

Concurrent requisite: BI 211L

This course covers the biological techniques used to investigate crimes. Topics include estimating the time of death, ballistics, drugs, child abuse, sex-related crimes, blood and the identification of human remains.

BI 211L Forensic Biology Lab (1 SH)

Concurrent requisite: BI 211

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 211.

BI 212 Zoology (3 SH)

Spring

Prerequisite: BI 101/BI 101L, BI 102/BI 102L



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or by permission of instructor

Concurrent requisite: BI 212L

A systematic study of animals emphasizing anatomical, physiological and behavioral adaptations; life cycles; ecology and evolutionary relationships. The laboratory emphasizes classification and anatomy of animal phyla and classes.

BI 212L Zoology Lab (1 SH)

Concurrent requisite: BI 212

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 212.

BI 220 Medical Terminology (2 SH)

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

This course is a study of the basic terms found in the medical field, including the rules for combining prefixes/suffixes with root words to form complete terms, accurate pronunciation and spelling, and the relationship of medical terms to the human anatomy.

BI 221 Biomedical Ethics (3 SH)

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

This course will explore current and historical ethical and legal issues pertaining to the health care industry. Students will examine various topics including, but not limited to, euthanasia, abortion, behavioral modification, allocation and distribution of medical resources, in vitro fertilization, genetic screening and human experimentation.

BI 230 Human Nutrition (3 SH)

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

This course will explore the basic principles of biology involving interactions between nutrients (i.e., macronutrients, micronutrients and trace elements) and the various physiological processes that occur in the human body, the implications of these interactions on human health will be emphasized.

BI 238 Mammalian Anatomy and Physiology I (3 SH) *Fall*

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

Concurrent requisite: BI 238L

A detailed analysis of the structure and function of mammalian skeletal, muscular, integumentary, nervous and endocrine systems. Examination of evolutionary history and adaptation of each system. Laboratory includes dissection, experimentation and computer simulations.

BI 238L Mammalian Anatomy & Physiology I Lab (1 SH)

Concurrent requisite: BI 238

Additional Lab Fee

Scheduled exercises and activities are designed to provide

the student with hands-on experience with selected topics from BI 238.

BI 239 Mammalian Anatomy and Physiology II (3 SH) *Spring*

Prerequisite: BI 238 or permission

Concurrent requisite: BI 239L

A continuation of BI 238 covering cardiovascular, respiratory, digestive, excretory and reproductive systems, as well as metabolic homeostasis.

BI 239L Mammalian Anatomy & Physiology II Lab (1 SH)

Concurrent requisite: BI 239

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 239.

BI 301 Genetics (3 SH)

Spring

Prerequisite: BI 101/BI 101L, BI 102/BI 102L, BI 203

or by permission of instructor

Concurrent requisite: BI 301L

A study of the basic principles of inheritance and a brief coverage of evolution. The course examines Mendelian and molecular inheritance at the cellular, individual and population levels.

BI 301L Genetics Lab (1 SH)

Concurrent requisite: BI 301

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 301.

BI 302 Biochemistry (4 SH)

Spring

Prerequisite: CH 211

Concurrent requisite: BI 302L

A study of the chemistry of carbohydrates, proteins, enzymes, nucleic acids and lipids. Cross listed as CH 302.

BI 302L Biochemistry Lab (1 SH)

Concurrent requisite: BI 302

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from BI 302.

BI 319 Ecology and Conservation Biology (3 SH)

Alternate Years

Prerequisite: BI 100 and one 200 level course.

A study of the basic principles of ecosystem, community and population ecology. Field trips to local natural areas augment class discussion.

BI 320 Human Physiology (3 SH)

Prerequisite: BI 239

This course is a detailed study of the physiological processes



of the human body, including the function, regulation, and integration of the muscular, skeletal, circulatory, respiratory, digestive, urinary, immune, reproductive and endocrine systems.

BI 321 Exercise Physiology (3 SH)

Prerequisite: BI 239

This course will cover the physiological response of the human body to musculoskeletal activity. In particular, the areas of bioenergetics, cardiac and respiratory function, thermoregulation, physical conditioning and risk assessment, fitness evaluation and exercise prescription will be covered.

BI 330 Evolutionary Biology (3 SH)

Prerequisite: BI 101/BI 101L, BI 102/BI 102L

or by permission of instructor

Evolutionary biology explores the principles and mechanisms of organic evolution and the lines of evidence for evolution. Topics covered include genetics, selection, adaptation, speciation, co-evolution, life history strategies and the fossil record. Emphasis will be on understanding the broad concepts critical to evolution as the unifying theme of modern biology. The structure of the course includes lectures, written assignments, comprehensive exams and class discussion.

BI 333 Animal Behavior (4 SH)

Alternate Years

Prerequisite: BI 101 and one 200 level course

A course designed to introduce the student to the basic concepts in the structure, development, ecology and evolution of behavior in a wide range of animals. Films and an observational study play a key role in the course. No laboratory.

BI 450 Clinical Observation (1-2 SH)

Prerequisites: Declared biology/pre-occupational therapy or biology/pre-physical therapy major, junior standing and permission of the instructor

This course provides the student with an opportunity to actively observe a licensed therapist in a real-world situation where they will learn about the day-to-day activities of the practice and the variable needs and circumstances of the patients who seek treatment there. This is a variable credit course. Students will complete 50 hours of observation/volunteer work on-site for each hour of credit and be evaluated directly by the supervisory therapist, or therapists, if more than one site is observed.

BI 490 Biology Senior Capstone (2 SH)

Fall and Spring

Prerequisite: Senior Status

Additional Lab Fee

This course will offer the opportunity for the student to participate in directed studies or research in the biological sciences in consultation with the biology faculty. The student will determine a research focus for the semester; gather published research; conduct original research, as appropriate; and prepare a comprehensive thesis describing the state of the science in

their focus area. Participation in the annual Math & Science Research Symposium is required.

BI 350 Internship in Biology (2-4 SH)

Opportunities for field studies under professional supervision during the academic year or summer. Junior or senior status is required.

BI 160/260/360/460 Individual Investigation in Biology (1-5 SH)

Supervised investigation of topics not offered as regular courses in the biology curriculum.

BI 170/270/370 Special Topics in Biology (1-4 SH)

Prerequisite: Varies with the nature of the topic and may include permission of the instructor.

Biological topics of a specialized interdisciplinary nature not otherwise covered in the regular course offerings. Students may take several courses under this number. Among topics that have been taught are ornithology, evolutionary biology, forensic biology, marine ecology and rain forest ecology.

BUSINESS ADMINISTRATION (BA)

BA 115 Financial Literacy for Life (2 SH)

The course teaches students how to become better spenders, savers and wise users of credit. It discusses the difference between assets and liabilities and how the wealthy invest in assets and either avoid liabilities or find ways of having others pay for their liabilities. Topics include the importance of personal budgeting, the dangers of debt accumulation and an introduction to different retirement savings/investment options.

BA 201 Business Communication (4 SH)

Prerequisite: EN 101

This course provides students with the means to develop effective communication strategies and techniques and to apply them to the solution of management problems in the form of written reports, memoranda, letters and oral presentations. Cross-listed as CM 202.

BA 215 Investing in Your Future I (2 SH)

Prerequisite: Sophomore status

The course teaches students how to research, analyze and determine when it is the right time to purchase stocks and which stocks to purchase. The students in the course will be using real money. Since money is always a scarce resource, students will have to decide which stocks provide the probability of earning the greatest return. This course will be taught so it is understandable to ordinary investors so that students from all disciplines/majors may participate.

BA 216 Investing in Your Future II (2 SH)

Prerequisite: BA 215

The course is a continuation of BA215. Students will be tracking



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the performance of their investments and making buy and/or sell recommendations.

BA 324 International Business (4 SH)

Prerequisite: EC 200

This course is concerned with management, marketing and financial practices of organizations operating in the international environment. Comparisons are made of variations in these business practices between different countries and at different levels of national economic development. Emphasis is on rapidly emerging multinational corporations.

BA 400 Senior Seminar (4 SH)

Prerequisite: Senior status

This course applies knowledge and skills learned in all other courses required for the bachelor's degree. Business strategies and policies are formulated from the perspective of a general manager. Case studies and group projects are used to further develop students' skills in problem solving and decision making. Students use technology in constructing written reports and presentations.

BA 250/350 Internship in Business Administration (2-5 SH)

Internships are academic courses that take place in professional work settings and call for the application of concepts learned in the classroom. Students gain on-the-job experience under supervision by working directly with a professional manager in a business or nonprofit organization.

BA 450 International Internship (4 SH)

Prerequisite: Completion of all other courses required for the international business major.

This internship is reserved exclusively for international business majors and serves as a capstone to the major. Students will be assigned to work with regional companies or trade organizations active in international business. Where similar opportunities exist abroad, candidates will be selected according to their fluency ratings in a foreign language.

BA 360 Independent Study in Business (1-5 SH)

Students study topics of interest not offered as regular courses.

BA 170-79/270-79/370-79 Special Topics in Business Administration (2-4 SH)

Courses in topics of special interest to faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

CHEMISTRY (CH)

All chemistry courses include a laboratory unless otherwise noted.

CH 103 General Chemistry I (3 SH) *Fall*

Concurrent requisite: CH 103L

A study of the laws and theories of chemistry, including stoichiometry, atomic structure, bonding, ideal gas laws and thermochemistry. Open to all students.

CH 103L General Chemistry I Lab (1 SH)

Concurrent requisite: CH 103

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 103.

CH 104 General Chemistry II (3 SH)

Spring

Prerequisite: CH 103

Concurrent requisite: CH 104L

Continuation of General Chemistry I, including qualitative inorganic analysis.

CH 104L General Chemistry II Lab (1 SH)

Concurrent requisite: CH 104

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 104.

CH 201 Quantitative Analysis (3 SH)

Prerequisite: CH 104

Concurrent requisite: CH 201L

An introduction into the principles of gravimetric and volumetric analysis and their applications in the laboratory.

CH 201L Quantitative Analysis Lab (1 SH)

Co-requisite: CH 201

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 201.

CH 211 Organic Chemistry I (3 SH)

Fall

Prerequisite: CH 104

Concurrent requisite: CH 211L

The study of the structures, reactions and properties of alkanes, alkenes, alkynes and aromatic compounds. Stereochemistry, optical isomerism and spectroscopy are also covered.

CH 211L Organic Chemistry I Lab (2 SH)

Concurrent requisite: CH 211

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 211.



CH 212 Organic Chemistry II (3 SH)
*Spring***Prerequisite:** CH 211**Concurrent requisite:** CH 212L

Continuation of Organic Chemistry I, including the chemistry of organic functional groups.

CH 212L Organic Chemistry II Lab (2 SH)**Concurrent requisite:** CH 212**Additional Lab Fee**

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 212.

CH 219 Instrumental Analysis (3 SH)**Concurrent requisite:** CH 219L**Prerequisite:** CH 201

An introduction to the instrumentation of a modern research laboratory, including infrared and NMR spectroscopy and high pressure liquid and gas chromatography.

CH 219L Instrumental Analysis Lab (1 SH)**Co-requisite:** CH 219**Additional Lab Fee**

Schedules exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 219.

CH 302 Biochemistry (3 SH)**Prerequisite:** CH 211**Concurrent requisite:** CH 302L

A study of the chemistry of carbohydrates, proteins, enzymes, nucleic acids and lipids. Cross-listed as BI 302.

CH 302L Biochemistry Lab (2 SH)**Concurrent requisite:** CH 302**Additional Lab Fee**

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 302. Cross-listed as BI 302L.

CH 333 Physical Chemistry (3 SH)**Prerequisite:** CH 104, MT 210**Concurrent requisite:** CH 333L

A study of thermodynamics and thermochemistry.

CH 333L Physical Chemistry Lab (1 SH)**Concurrent requisite:** CH 333**Additional Lab Fee**

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from CH 333.

CH 350 Internship in Chemistry (2-5 SH)**Prerequisite:** Junior or Senior Standing

Opportunities for field studies under faculty and professional

supervision during the academic year or summer.

CH 360 Independent Study in Chemistry (1-5 SH)

Independent study of topics not offered as regular courses.

CH 160/260/360/460 Individual Investigation in Chemistry (1-5 SH)

Supervised investigation of topics not offered as regular courses in the chemistry curriculum.

CH 170/270370 Special Topics in Chemistry (2-5 SH)

Courses in topics of special interest to faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

COMMUNICATION (CM)**CM 105 Fundamentals of Public Speaking** (2 SH)
Fall and Spring

An introduction to the preparation and presentation of oral communications in a group setting. Emphasis will be placed on organization, techniques of self-expression and the identification of skills appropriate to audience and purpose.

CM 200 Introduction to Management (4 SH)

This course introduces students to life in an organization. Organizational definitions, culture and relationships between government and society are covered. The focus of the course is on developing successful communication strategies within organizations. Verbal, written and team communications are stressed. The use of technology in aiding and enhancing communication is also covered. Cross-listed as MN 200.

CM 202 Business Communication (4 SH)**Prerequisite:** EN 101

This course provides students with the means to develop effective communication strategies and techniques and to apply them to the solution of management problems in the form of written reports, memoranda, letters and oral presentations. Cross-listed as BA 201.

CM 204 Sports Communication (4 SH)**Prerequisite:** MN 200, SA 101

Sport has been described as "one of the most pervasive social institutions in the United States" and its importance can easily be seen in terms of hours news coverage, personal conversations, economic contributions, participant involvement, etc. This course focuses on how the communication of sports influences perceptions of social reality and individual and group identity. Our understanding of various communication concepts and research techniques will be built through the discussions and applications of the assigned reserved readings. Cross-listed as SA 204.

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CM 215 Interpersonal Communication (4 SH) *Fall*

This course introduces the basic interpersonal theories and models examining and explaining the processes of interpersonal communication.

CM 220 Small Group Communication (4 SH) *Spring*

Small group communication is examined in terms of group evolution and patterns leadership, roles, decision making and participation. Small group skills are addressed through application.

CM 225 Tower News (2 SH) CM 325 Tower News II (4 SH)

Prerequisite: EN 101 or EN 102, sophomore status

The Tower News course is a hands-on course involving the writing, editing and production of the student newspaper. The newspaper is an opportunity for all majors to develop their professional skills by expressing their voices, practice their writing skills, engaging in interviews, developing their business skills and recording history. **Note:** CM 225 and CM 325 are repeatable up to a total of 12 semester credits towards graduation.

CM 240 Language in America (4 SH)

An examination of the nature and variety of the English language in the United States. Among the topics to be considered are the sound system, aspects of grammar and syntax, regional dialects and Black English and the social and psychological factors affecting the acquisition and use of language.

CM 241 Mass Media (4 SH)

A survey of the forms and uses of contemporary mass communications and an introduction to some of the economic, political and cultural issues that have arisen in response to the media.

CM 303 Interviewing (4 SH)

This course is intended for students who wish to understand interviewing from a communication perspective. The focus is on reviewing and applying the theory and research related to the multifaceted process of interviewing and is designed to fulfill a number of objectives. The basic objective is to create an awareness of interviewing as a method of investigation; a method of acquiring information. The method may be as standardized as surveying or as flexible as ethnography. A second goal is to help the student in developing the analytic and communication skills required for effective interviewing. These goals may be achieved by applying the readings and discussions to role plays, projects and tests.

CM 304 Advanced Public Speaking (4 SH)

Advanced techniques in oral persuasion with emphasis on rhetorical organization, research techniques and effective presentation.

CM 320 Principles of Public Relations (4 SH)

This course offers an overview of basic public relations (PR) concepts and techniques used by business, government and non-profit organizations. Students will read about and discuss various theories, strategies and techniques of public relations including, but not limited to, issues management, image management, employee communications, community relations, media relations and crisis communications. Students will also experiment with public relations and communication skills such as planning selectively targeted messages, learning various PR writing styles, working with reporters and staging special events.

CM 342 Criticism of Film & Television (4 SH)

This course will encourage students to become more engaged consumers of visual culture. In an increasingly sophisticated visual environment, both TV and Film require sharp eyes and critical minds to observe, digest, and critically process the incalculable amount of information we absorb visually. Even though TV and Film are two different forms of communication, this course will focus on establishing a foundation of heightened awareness that students can apply to various forms of visual communication beyond TV and Film.

CM 344 The Language of Politics and Propaganda (4 SH)

A study of the means of rhetorical persuasions specific to the political process with emphasis on the use of emotional and ethical appeal.

CM 390 Project in Professional Writing (4 SH)

Students electing the communication emphasis combined with another discipline will select a suitable topic from that discipline for research and presentation to an audience of specialists in the field. Individualized instruction will involve participation of faculty in communication and in the chosen discipline.

CM 400 Senior Seminar in Communication (4 SH)

This course is the capstone course for the communication major. The student is expected to develop a written proposal for a senior thesis which may take the form of an extended essay or a series of shorter articles. Once the proposal is accepted, the student is to prepare a manuscript ready for publication. The course also includes readings and written assignments on the ethics of journalism. Students also discuss problems in research methods and in the identification of audiences.

CM 250/350/450 Internship in Communication (2-5 SH)

CM 160/260/360 Individual Investigation in Communication (1-5 SH)

Permission of the instructor

CM 170-79/270-79/370-79 Special Topics in Communication (2-4 SH)

Permission of the instructor



COMPUTER INFORMATION SYSTEMS (CI)

CI 101 Computers and Information Processing (2 SH) *Fall and Spring*

Basic applications of computers and their role in modern society. Introduction to computer hardware and software for word processing, database management, spreadsheets, graphics and communications. Weekly laboratory exercises at the personal computer using an integrated software package.

CI 200 Business Computer Applications (2 SH) **Prerequisite:** CI 101

Advanced study of Microsoft Excel and Microsoft Access application software. Emphasis will be on utilization of the software to solve a wide range of specific business problems and develop strategic and operational management solutions.

CI 341 Management Information Systems (4 SH) *Fall*

Prerequisite: CI 101

A managerial overview of information systems. The course is an introduction that focuses on the technical aspects of information systems from a managerial perspective. Topics include managing and developing information systems, managing telecommunications and networks, the strategic role of IS, managing data resources, the internet and e-business, managing knowledge, the information technology infrastructure, hardware and software issues in IT and IS security.

CI 343 Database Management (4 SH) **Prerequisite:** CI 200

Topics include the database development process, the entity relationship model, object oriented modeling, logical and physical design, SQL, database development and database administration. Hands-on laboratory work will include learning a database development software environment. A group project in database development is a required component of the course.

CI 346 E-business Technologies (4 SH) **Prerequisite:** CI 200

An overview of relevant technologies related to e-business and the internet. Topics include the internet infrastructure, e-business and web applications, site hosting, site security, e-business infrastructure and applications integration. Computer lab time will be devoted to the fundamentals of web application software in preparation for a group project. A web application project is a required component of the course.

CI 348 Systems Analysis and Design (4 SH) **Prerequisite:** CI 200

Covers the development of information systems. Topics include information systems development, the systems development life cycle, problem & requirements analysis, data and process modeling, systems design approaches, application architecture modeling, database design, prototyping and user interface

design. An individual system development project is a part of the course.

CRIMINAL JUSTICE (CJ)

CJ 101 Introduction to Criminal Justice (4 SH)

This survey course of American criminal justice encompasses legal issues, sociological theories, policy and law enforcement, court and correctional practices. Its emphasis is on the study of contemporary criminal justice in America.

CJ 220 Criminal Law and Procedure (4 SH)

A course of study to familiarize the student with the classification and types of criminal offenses and all aspects of criminal procedures. Cross-listed as LG 220.

CJ 230 Investigative Techniques (4 SH)

A study of the skills necessary to carry out investigative fact-finding (i.e. insurance work, preparation for trial, on-site investigations, etc.). Includes public records research. Cross-listed as LG 230.

CJ 331 Judicial Process (4 SH)

An examination of the development and functions of the judicial system in the United States and the role of courts in the policy process. Topics include theories of law and jurisprudence, the structure of the judiciary, civil and criminal procedures, judicial selection and decision-making, and the impact of courts on the legislative and executive branches. Crosslisted with LG331/PO331.

CJ 324 Constitutional Law (4 SH)

A study of the scope of federal powers, separation of powers and the federal system, the Bill of Rights, due process and equal protection. Cross-listed as LG 324, PO 320.

CJ 327 Death Penalty in America (4 SH)

The Death Penalty in America is a course designed to introduce students to the legal, psychological and practical aspects of the death penalty. Emphasis will be placed on the landmark Supreme Court Cases and the role that mental health experts play in death penalty litigation. There will be ample opportunity for discussion and debate. Cross-listed as LG 327, PS 327

CJ 330 Juvenile Delinquency (4 SH)

This course on will objectively present diverse views and perspectives of juvenile delinquency and its interdisciplinary nature. This course offers an introduction to the field of juvenile delinquency and explores the concepts, theories, social, community and environmental influences and the justice system, as they relate to juvenile crime. Cross-listed as PS 330, SS 330.

CJ 345 Psychology and the Law (4 SH) **Prerequisite:** PS 101

This course examines the relationship between psychology and



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law. The structure of the course will be lectures, discussion, case presentations, debate and direct observation. Both academic and practical experiences will cover juries, civil commitment, violence prediction, competency, the insanity defense, eyewitness testimony and the death penalty. Cross-listed as LG 345, PS 345.

CJ 350 Internship in Criminal Justice (4 SH)

Internships are academic courses that take place in professional work settings and call for the application of concepts learned in the classroom. Students gain on-the-job experience under supervision by working directly with a professional in the field of criminal justice.

CJ 400 Senior Practicum (4 SH)

DANCE (DN)

DN 101 Ballet Technique I (1 SH)

Introduction to the vocabulary, techniques and theories of ballet. Emphasis placed on body alignment and efficient movement. May be taken twice for academic credit.

DN 102 Modern Dance Technique and Theory I (1 SH)

Study of the fundamental principles of modern dance. Emphasis on alignment, creativity, rhythm and the aesthetics of contemporary dance. May be taken twice for academic credit.

DN 103 Jazz and Theater Dance I (1 SH)

Exploration from among many of the styles and techniques of jazz dance. Emphasis on movement proficiency and diversity. May be taken twice for academic credit.

DN 104 Dance in its Time (4 SH)

Exploration of the relationship among a number of the most significant contemporary choreographers and the cultural, philosophical, scientific and artistic environments in which they are created.

DN 200 Body Wellness (2 SH)

This course involves guided explorations in movement fundamentals, relaxation techniques, exercises to increase strength, flexibility, ease of motion and dynamic alignment. The class consists of discussions on wellness, such as nutrition and stress reduction. Students participate in warm-up, aerobic workout and cool down through stretching. No dance experience is required.

DN 201 Ballet Technique II (1 or 2 SH)

Prerequisite: Permission

Study of the vocabulary, techniques and theories of ballet at the intermediate level. Emphasis placed on body alignment and efficient movement. May be taken twice for academic credit.

DN 202 Modern Dance Technique II (1 or 2 SH)

Prerequisite: Permission

Study of the fundamental principles of modern dance at the intermediate level. Emphasis on alignment, creativity, rhythm and the aesthetics of contemporary dance. May be taken twice for academic credit.

DN 203 Jazz and Theater Dance II (1 SH)

Prerequisite: Permission

Exploration from among many of the styles and techniques of jazz dance continued at the intermediate level. Emphasis on movement efficiency and diversity. May be taken twice for academic credit.

DN 204 Hip Hop Dance (2 SH)

Study of the fundamentals of the Hip Hop dance style. Emphasis is on the development of skills, familiarity with rhythm, freestyle and musicality. May be taken twice for academic credit.

DN 210 Repertory and Performance Technique I (2 SH)

Concurrent Requisite: DN 201/301/401 or DN 202/302/402

Student prepares for and performs in dance concert. Choreography is created by faculty and guest artists.

DN 213 Dance History (4 SH)

This course examines significant ways in which dance has functioned within various cultures from around the world, making comparisons and contrasts from among those cultures.

DN 216 Anatomical Kinesiology (3 SH)

The exploration of the primary bones, joints and muscle groups that participate in vertical alignment and efficient movement. Explorations proceed with exercises designed to locate the positions and to experience the motions of these groups in the initiation of effective posture and efficient movement. Students in dance, athletics and riding may find this course of interest.

DN 220 Pilates I: Balance, Strength and Shape (2 SH)

This course introduces the student to Pilates, an exercise-based system that aims to develop the body's center to create a stable core for efficient and effective movement. Students will be guided through a series of Pilates exercises intended to realign structure, improve balance and enhance motor skills. May be taken twice for academic credit. Cross listed as PE 220

DN 230 Beginning Composition (3 SH)

Prerequisite: DN 101, 102, 103 or permission

An exploration of the creative process and of the basic elements of choreography, arrived at through improvisation, imaginative response and the aesthetic shaping of movement ideas into solo studies. Emphasis placed on group discussion of studies.

DN 301 Ballet Technique III (1 or 2 SH)

Prerequisite: Permission

Study of the vocabulary, technique and theory of ballet at the intermediate/advanced level. Emphasis on body alignment and efficiency of movement. May be taken twice for academic credit.



DN 302 Modern Dance Technique and Theory III (1 or 2 SH)

Prerequisite: Permission
Study of the fundamental principles of modern dance at the intermediate/advanced level. Emphasis on alignment, creativity, rhythm and the aesthetics of contemporary dance. May be taken twice for academic credit.

DN 304 Hip Hop Dance II (2 SH)

A continuation of the study of the fundamentals of the Hip Hop dance style. Emphasis is on the development of skills, familiarity with rhythm, freestyle and musicality. May be taken twice for academic credit.

DN 310 Repertory and Performance II (2 SH)

Concurrent Requisite: DN 201/301/401 or DN 202/302/402
Student prepares for and performs in dance concert. Choreography created by faculty and guest artists.

DN 320 Pilates II: Balance, Strength and Shape (2 SH)

Prerequisite: DN 220 or PE 220
Study the fundamentals of Pilates mat work at the intermediate level. Emphasis is on strengthening the core muscles, increase body awareness and muscle tone, flexibility and coordination. May be taken twice for academic credit. Cross listed as PE 320.

DN 325 Methods of Teaching Dance (4 SH)

Prerequisite: DN 101, 102, 103 or permission
Exploration of the special awareness and skills necessary to create and teach dance classes. Emphasis placed on body mechanics, rhythmic analysis and the encouragement of creativity.

DN 330 Intermediate Composition (3 SH)

Prerequisite: DN 230
Continuation of the exploration of the creative process and of the principles of choreography. Emphasis placed on group composition and on performance preparation.

DN 400 Multidisciplinary Art and Digital Performance (4 SH)

Prerequisite: Junior or Senior Standing
This course explores experimental and traditional work of integrating digital technologies into visual, dance, music and theater performances. This includes working with digital projections, real-time processing of data (i.e. music data connected and controlling visual display or devices controlling instruments/sounds), sensors, motion tracking via software, and other emerging technologies. Reading about contemporary performances and art will be included, and we will work towards creating a performance/installation within this multidisciplinary course. Cross listed as AT 400, FA 400, IM 400, MU 400, TH 406

DN 401 Ballet Technique IV (1 or 2 SH)

Prerequisite: Permission

Study of the vocabulary, technique and theory of ballet at the advanced level. Emphasis placed on body alignment and efficiency of movement. May be taken twice for academic credit.

DN 402 Modern Dance Technique and Theory IV (1 or 2 SH)

Prerequisite: Permission
Study of the principles of modern dance at an advanced level. Emphasis on alignment, creativity, rhythm and the aesthetics of contemporary dance. May be taken twice for academic credit.

DN 404, 405 Senior Project (4, 4 SH)

Prerequisite: Permission. **Co-requisite:** DN 401 or 402
Preparation and performance of a creative project in dance. Serves as partial fulfillment of the BFA degree.

DN 410 Repertory and Performance Technique III (2 SH)

Concurrent Requisite: DN 201/301/401 or DN 202/302/402
The student prepares for and performs in dance concert with choreography created by faculty and guest artists.

DN 250/350 Internship in Dance (2-5 SH)

Opportunities for field work in dance.

DN 160/260/360 Individual Investigation in Dance (1-4 SH)

Provides the student with the opportunity to explore an area of particular interest.

DN 170-79/270-79/370-79 Special Topics in Dance (1-4 SH)

Coursework designed to address the special interests of dance faculty and students. Topics could include eurhythmics, bartineff fundamentals, laban movement analysis and lecture-demonstrations.

ECONOMICS (EC)

EC 200 Principles of Economics (4 SH)
Fall and Spring

An introduction to microeconomics and macroeconomics: Analysis of the allocation of scarce resources under conditions of pure competition, oligopoly and monopoly. Aggregate economics, dealing with consumption, prices, money, taxation and proposals for economic progress. The question of objective and rational versus moral and ethical behavior is addressed.

EC 301 Intermediate Economics (4 SH)

Prerequisite: EC 200.
This course offers an advanced treatment of the principles of microeconomics and macroeconomics and builds on the knowledge gained in Principles of Economics (EC 200). At the micro level, it provides an advanced analysis of consumer demand, theory of production and costs, market structures and



COURSE DESCRIPTIONS cont.

factor incomes. At the macro level, the topics covered are an advanced analysis of changes in national income, employment, output, price level, money supply and economic growth.

EC 322 International Economics (4 SH)

Prerequisite: EC 200, MN 215

An application of basic economic principles to the international allocation of resources through trade and factor flows and an analysis of the institutional framework within which international economic policies operate. An application of basic economic principles to international trade and finance, including an analysis of world market equilibrium and the institutional framework within which international economic policies operate.

EC 420 Econometrics (4 SH)

Prerequisites: EC 301 or EC 200 and MN 215

An introduction to basic econometrics including theory and application of regression analysis to economic, financial and other social sciences data. It will cover typical problems of applied research including parameter estimation, hypothesis testing, model building and forecasting techniques.

EDUCATION (EDC)

COMMON COURSES TO ALL EDUCATION PROGRAMS (EDC)

EDC 201 Foundations of Education (3 SH)

This course deals with content and experiences in the sociological, philosophical and historical foundations of education. Students will examine current issues in education with respect to traditional education, foundations and current practices. This course is taught using a cooperative learning model of teaching and learning.

EDC 225 Voices of Diversity (2 SH)

Voices of Diversity coursework will support pre-service teachers in developing proficiencies to work with students from diverse backgrounds to ensure that all students have the opportunity to learn. This course will provide the opportunity to explore personal values and attitudes toward diversity. The theoretical component will examine the issues of diversity in the classroom. Field experience and examination of educational materials will enhance the students' understanding of diversity.

EDC 230 Educational Psychology (3 SH)

This course is a study of psychological learning theories and their application to the classroom. Topics under study include cognitive and linguistic development, the development of self, social skills and morality, group differences, individual differences and special needs, learning and cognitive processes, knowledge construction, high-level thinking skills, behaviorist views of learning, social cognitive views of learning, motivation theory and instructional strategies.

EDC 300 Ohio History (4 SH)

A history of Ohio designed to explore famous Ohioans, their contribution to the United States, the Native American cultures that existed in Ohio, the current cultures, ethnic groups and races predominant in Ohio and the events that occurred in Ohio during major events impacting the direction and current status of the nation. Students will study geography, economics, government and citizenship as each relates to the State of Ohio.

EDC 321 Phonetic Approaches to Reading (3 SH) Fall

This course deals with letter-sound correspondences, segmenting processes, spelling, morphology and syllabication. Word pronunciation, vocabulary building and comprehension are highlighted. Effective application of phonetic strategies, understanding diacritical markings, English grammar, structural analysis and context are covered.

EDC 324 Diagnosis and Correction of Reading Problems (3 SH) Spring

This course involves the assessment of children's reading problems. Standardized and informal reading assessment tools are demonstrated, discussed and applied in classroom and individual settings. Once reading difficulties are identified, the course builds on enhancing children's reading ability through case-based instructional methods and strategies. A written project and portfolio requires the practical application of concepts learned in class.

EDC 325 Reading, Writing Workshop (3 SH)

In this course students will participate in the process of critically reading contemporary tradebooks, engaging in discourse and responding in literature journals. Writing activities will include topic generation, rough drafts, peer editing, portfolio development and publication.

EDC 330 Introduction to Students with Exceptional Learning Needs (3 SH)

This course will introduce teacher education candidates to the diverse needs of students with special needs. Candidates will learn the requirements, mandates of IDEA and Section 504 of the Rehabilitation Act of 1973. They will become familiar to the various exceptionalities of students populating regular education classrooms as well as in special programs. The course is commensurate with the dispositional requirement and the conceptual framework where professional teachers are committed that "all students can learn."

EDC 340 Educational Media and Technology (3 SH) Fall

This course introduces the student to current educational technology and role that technology plays in supporting student achievement. Students learn to design and produce instructional material that incorporates technology. A hands on project based approach enables the learner to gain both knowledge and skills



regarding recent technologies. Students explore a variety of software, hardware, and internet options to integrate into today's classroom in order to advance learning and support student growth.

EDC 412 Critical Analysis of Children's Literature (3 SH)

As an advanced study of book evaluation, literary criticism, children's book publishing, awards and current trends in the field, this course requires extensive critical reading. It is designed to improve the ability to discern quality books and illustrations, to acquire a literary canon and apply it across genres. Exposure to the scholarship of literary critics and employment of criteria established by their body of work will be required.

ADOLESCENT/YOUNG ADULT EDUCATION COURSES (EDA)

EDA 312 Adolescent/Young Adult Field Experience I (75-100 clock hours) (2 SH)

Prerequisite: EDC 301

The initial clinical hours of this experience are exploratory. Students will observe in schools, tutor students and assist teachers or other school personnel. They will become aware of the sociological environment of the school, center or agency as it interrelates to communities and families. Students should attend school/community events and participate as permitted. The remaining hours of the experience are focused and students will demonstrate appropriate developmental instructional methods and strategies for teaching their content area. Students will integrate reading and writing in their lessons.

EDA 331 Planning for Instruction (3 SH)

This course will enable teacher education candidates to learn and practice instructional management strategies including classroom management, lesson planning, assessment for instructional planning, materials available for effective instruction, the use of textbooks and supplemental materials, unit planning and the implementation of the Ohio Content Standards for instructional planning.

EDA 401 Content Specific Methods (3 SH)

Students will work with a specialist who is a professional teacher in their content area and plan lessons, assessments, classroom organization materials, content standards and techniques for effective instruction and learning in each of the following separate areas: english/language arts, integrated social studies, mathematics and life sciences.

EDA 412 Adolescent/Young Adult Field Experience II (75 clock hours) (2 SH)

Prerequisite: A grade of B or better in EDA 312 and successful completion of all requirements in Gate A

This field is an intensive experience through which students will demonstrate their abilities to plan and execute lessons in their content area. They will demonstrate the use of technology in teaching and learning episodes. Students should be given the opportunity to practice in inclusive clinical settings that reflect culturally, linguistically and academically diverse systems.

EDA 440-42 Student Teaching: Adolescent/Young Adult (9 SH)

Prerequisite: All professional education coursework and successful completion of all requirements in Gate B
Student teaching is the culminating professional semester for the program. It is a full semester with a full school day supervised experience in selected area schools. Students will work with master teachers who will assist in assessing candidates' progress as they practice teaching in adolescent/young adult classrooms in their content area. A grade of B or better must be attained in EDE 440-42 and EDE 443 in order to be recommended for licensure.

EDA 443 Seminar and Project for Adolescent/Young Adult (3 SH)

Prerequisite: All professional education coursework and successful completion of all requirements in Gate B
Students will produce lesson plans and must successfully complete an impact on student learning project. Other topics will be addressed as needed. A grade of B or better must be attained in EDE 440-42 and EDE 443 in order to be recommended for licensure.

EARLY CHILDHOOD EDUCATION COURSES (EDE)

EDE 304 Child Development and Learning (3 SH) Fall

This course prepares students who use the knowledge of how children develop from birth through early childhood in planning educational programs. Students learn to devise learning episodes that embrace a variety of learning styles, cultural differences and developmental levels of children. This course examines the role of the family in child development and considers the readiness factors relevant to preschool and kindergarten programs. Current trends and practices such as inclusive and diversity programs in early childhood education are investigated.

EDE 306 Curriculum Development and Implementation in Early Childhood Education (3 SH) Spring

This course addresses curriculum design appropriate for the affective, cognitive, physical and social stages of the preschool child through early primary grades. This course provides a knowledge core in developmental theory, content knowledge, inclusion and methods of presenting materials in an interdisciplinary program. Teacher candidates will plan, teach and



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assess lessons appropriate to early childhood audiences. The integral role of the parent as an educational partner is examined.

EDE 307 Fine Arts in Early Childhood Education (3 SH) *Spring*

Teacher candidates will demonstrate current knowledge of and the ability to develop and implement meaningful integrated experiences in the curriculum areas of the fine arts including art, music, drama and movement.

EDE 308 Family and Community Relations (3 SH) *Spring*

This course is designed to help teacher candidates understand the child in the context of family and community. Teacher candidates will become familiar with social and health services available for families in the community. The course will provide opportunities to demonstrate knowledge of basic health, safety and nutritional needs of young children. Students will acquire an understanding of the interrelationships among the child's exposure to cultures, language and through the function of the home in language development. Students will experience working with interdisciplinary, interagency and intra-agency teams of professionals.

EDE 312 Early Childhood Field Experience I (2 SH) *(75-100 clock hours)*

Prerequisite: EDC 301

The initial clinical hours of this experience are exploratory. Students will observe in schools, tutor students and assist teachers or other school personnel. They will become aware of the sociological environment of the school, center or agency as it interrelates to communities and families. Students should attend school/community events and participate as permitted. The remaining hours of the experience are focused and students will demonstrate appropriate developmental instructional methods and strategies for teaching across the curriculum.

EDE 320 Mathematics in Early Childhood (3 SH) *Spring*

Students will become familiar with instructional strategies and appropriate use of technology in teaching mathematical concepts. An understanding of the spiraling nature of presenting those concepts will be developed. An emphasis on assessing the mathematical understanding of each child through the use of real life problems. While reviewing national and state standards, students will learn to teach mathematical concepts in a hands-on setting. Students will use the Ohio Academic Content Standards to frame mathematics instruction.

EDE 323 Reading/Language Arts in Early Childhood (3 SH)

Fall

Teacher candidates for early childhood will be instructed in the methodology, strategies and techniques of teaching competencies in reading, writing, listening/visual literacy and oral

communication. They will demonstrate proficiency in developing and implementing meaningful, integrated learning experiences to enhance reading and the language arts. Students will use the Ohio Academic Content Standards to frame reading and language arts instruction.

EDE 410 Literature Based Reading (3 SH) *Fall*

The literature based reading course is designed to present reading instruction in a holistic framework. The pedagogical approach embodies a sociolinguistic as well as psycholinguistic perspective. Strands within the integrated curricula include literature based reading, the reading/writing connection and thematic learning. Essential skills, strategies, story grammar and story schema are presented within context. Literature is selected from all genres and includes parallel cultures.

EDE 412 Early Childhood Field Experience II (2 SH) *(75 clock hours)*

Prerequisite: A grade of B or better in EDE 312 and successful completion of all requirements in Gate A

This field is an intensive experience through which students will demonstrate their abilities to plan and execute lessons in social studies, science, reading, language arts, mathematics, health and fine arts. They will demonstrate the use of technology in teaching and learning episodes. Students should be given the opportunity to practice in inclusive clinical settings that reflect culturally, linguistically and academically diverse systems.

EDE 422 Social Studies in Early Childhood (3 SH) *Fall*

Teaching social studies explores the interdisciplinary nature of history through an integrated curriculum. The development of historic literacy will be approached from a sociolinguistic perspective, incorporating critical thinking, language, reading, writing and the arts. Pedagogy will be presented in a conceptual framework applicable to the early childhood classroom using the Ohio Academic Content Standards.

EDE 424 Science in Early Childhood (3 SH) *Fall*

Study and application of science processes in an inquiry setting. The student will understand the interdisciplinary nature of concepts in earth science, environmental science, life and physical sciences and relate to contemporary events. Emphasis is on planning instruction based on knowledge of the young child's needs, using a variety of instructional strategies and materials as well as electronic educational technology to enhance hands-on laboratory activities. Students will demonstrate the use of the Ohio Academic Content Standards to frame science instruction.

EDE 440-42 Student Teaching: Early Childhood (9 SH)

Prerequisite: All professional education coursework and successful completion of all requirements in Gate B
Student teaching is the culminating professional semester for



the program. It is a full semester with a full school day supervised experience in selected area schools. Students will work with master teachers who will assist in assessing candidates' progress as they practice teaching in early childhood levels. Students will demonstrate their proficiency in teaching with students of varying abilities. A grade of B or better must be attained in EDE 440-42 and EDE 443 in order to be recommended for licensure.

EDE 443 Seminar and Project for Early Childhood (3 SH)

Prerequisite: All professional education coursework and successful completion of all requirements in Gate B
Students will produce lesson plans and must successfully complete an impact on student learning project. Other topics will be addressed as needed. A grade of B or better must be attained in EDE 440-42 and EDE 443 in order to be recommended for licensure.

EARLY CHILDHOOD DEVELOPMENT AND INSTRUCTION (EDI)

EDI 200 Intro to Early Childhood Education (2 SH)

Candidates are introduced to the diverse opportunities within the early childhood profession. Candidates learn about the state and national standards for early learning and for early childhood professionals. Candidates discuss and reflect upon developmentally appropriate practice as defined by NAEYC.

EDI 201 Cultural Competency in Early Childhood Education (3 SH)

This course exposes candidates to the concept of cultural competence and the appropriate applications in an early childhood setting inherent in the anti-bias curriculum approach. Candidates will demonstrate understanding of the quality benchmarks for cultural competence. Candidates will gain knowledge and skills to help them acknowledge the strengths, values and uniqueness of children, families and communities.

EDI 202 Creative Experiences (3 SH)

Participants are introduced to the concept of creativity and the numerous approaches to implementation within an integrated curriculum. Candidates will engage in hands-on experiences with a variety of media as well as planning and implementing developmentally appropriate learning experiences. An emphasis is placed on dramatic play, art media, and storytelling.

EDI 300 Emergent Literacy (3 SH)

This course provides an in-depth focus on the characteristics of emergent literacy. Candidates learn the appropriate expectations for speech, reading, spelling and writing, including dual language learners. An emphasis is placed upon state and national standards and appropriate authentic assessment to guide daily practice.

EDI 301 Infants and Toddlers (3 SH)

This course focuses on the education and care of infants and toddlers from birth to age three. Students explore developmentally appropriate practices and materials that encourage optimal growth and development. In-depth exploration of how to establish bonds and trust, dispositions, language development, planning the learning environment, and working with diverse families and the impact of these factors on brain development and future cognitive, social, emotional and physical development.

EDI 302 The Preschool Child (3 SH)

This course provides an in-depth focus on theories of behavioral, emotional, physical, cognitive and social characteristics of children between three and four-years of age. Candidates will study developmentally appropriate practice, early learning standards and thoroughly review, and discuss current research-based practices for planning, family involvement and preparing the environment.

EDI 303 School Age Children (3 SH)

This course examines school-age childcare programs with a focus on effective organizational structures, environments, curriculum activities, services, and developmental and special needs of children 5-12 years of age.

EDI 304 Assessment of the Young Child (3 SH)

This course provides research-based approaches to assessing young children ages birth-8 years. Candidates will apply formal and informal assessments in a field setting, analyze assessments and plan curriculum according to outcomes. There is an in-depth focus on embedding authentic assessment and documentation. Emphasis is placed on the guidelines for authentic assessment as defined by NAEYC's developmentally appropriate practices.

EDI 320 Learning through Play (3 SH)

This course exposes candidates to the value of play in its many forms; such as, sensory, dramatic, and construction. Candidates will learn what to expect during the different stages of play and will complete projects during fieldwork to demonstrate their understanding of the different levels. Emphasis will be placed on developmentally appropriate practices.

EDI 321 Musical Experiences (3 SH)

This course provides a theoretical knowledge base of the value of music in the early childhood classroom. Pre-service candidates will learn how music impacts children socially, emotionally and academically based upon developmentally appropriate practices. Learning will occur through hands-on experiences as a model for organization of circle time, gross-motor activities and musical experiences

EDI 330 Administration of Early Childhood Programs (3 SH)

Candidates learn the importance of leadership in an early



COURSE DESCRIPTIONS cont.

childhood program and the expectations for ethical conduct, understanding state regulations and professionalism. They learn how to plan, work with staff, meet licensing requirements and attend to daily administrative responsibilities. An emphasis will be placed on the role of public policy, advocacy, continued professional development, and community outreach.

EDI 331 Introduction to the Reggio Emilia Approach (3 SH)

This is an introductory course of the Reggio Emilia Approach to teaching young children. Candidates will explore the underlying theories and practices, which include emergent curriculum; project exploration, representation, and cultural influences. Candidates also gain knowledge documentation panels, roles of the teachers and administrators and the value of family involvement in the infant and toddler schools and the preschools.

EDI 332 Guidance and Behavior (3 SH)

This course provides candidates with the knowledge and strategies to encourage social competence in young children. Candidates will learn how personality, disposition and maturity impact behavior. In-depth discussion of classroom management, conflict resolution, stress reduction, prosocial behavior, anti-bullying strategies, and creating an emotionally responsive curriculum and classroom environment.

MIDDLE CHILDHOOD EDUCATION PROGRAM (EDP)

EDP 304 Integrated Curriculum, Methods and Assessment (3 SH)

Fall

An integrated methods course designed to focus on the strategies, methodologies and models of teaching students by integrating disciplines and using research findings to plan lessons, develop units of instruction appropriate for graded and nongraded environments. Curriculum models and assessment of student progress are also addressed.

EDP 305 The Middle School: Philosophy and Organization (3 SH)

Spring

This course is designed to prepare teachers to deal with the uniqueness of the middle school. Teacher candidates will study the philosophy of the middle school including practices using interdisciplinary teams, flexible grouping, activity programs, family and community interaction, teacher based guidance programs and collegial planning.

EDP 310 The Pre-Adolescent/Adolescent Learner (3 SH)

Prerequisite: PS 101

This course is designed to provide the pre-service teacher with basic understanding of human development beginning in early childhood and focusing on the preadolescent and adolescent

student. Teacher candidates will study the physical, social, emotional, intellectual, psychological and moral characteristics of the early adolescent within the framework of family and social context. Students will examine research findings on the psychological and social development of preadolescents/adolescents and the impact on their learning and performance in school and in society.

EDP 312 Middle Childhood Field Experience I (2 SH) **(75-100 clock hours)**

Prerequisite: EDC 301

The initial clinical hours of this experience are exploratory. Students will observe in schools, tutor students and assist teachers or other school personnel. They will become aware of the sociological environment of the school, center or agency as it interrelates to communities and families. Students should attend school/community events and participate as permitted. The remaining hours of the experience are focused and students will demonstrate appropriate developmental instructional methods and strategies for teaching one content area. Students will integrate reading and writing in their lessons.

EDP 318 Survey of Mathematics Concepts (3 SH)

Fall

This course is designed for the education major and liberal arts major. It covers critical thinking with practical applications; approaches to problem solving, including inductive and deductive reasoning; various problem-solving strategies, the use of patterns, graphs, calculators and technologies; set theory, Venn diagram and subsets; logic and analyzing arguments; number theory (prime and composite, factoring); mathematical systems (groups, bases, modular systems, finite systems); the real number system with algorithmic methods and rules of operations; counting systems (permutations and combinations); sequences and series; basic concepts of geometry and its applications (spatial, symmetry, Pythagorean, measurement and graphs); introduction to topology; chaos and fractal geometry; probability of events and statistics (frequency, normal distributions, standard deviation, regression and correlation analysis). The content of this course is designed to follow the NCTM standards and the Ohio Academic Content Standards for mathematics.

EDP 326 Middle Grade Language Arts Methods (3 SH)

Spring

This course is designed to prepare middle grade school teachers (grades 4-9) with the skills necessary to teach reading, writing, listening/visual literacy and oral communication using structure, meaning, construction, application and multidisciplinary approaches to learning. Students will demonstrate the use of Ohio Department of Education's Academic Content Standards to frame language arts instruction.

EDP 411 Pre-Adolescent/Adolescent Literature (3 SH)

This course considers the complex philosophical, biological



and emotional changes occurring during pre-adolescence and adolescence as these changes relate to literature unique to the middle level student. Trade books across genres explore the controversial challenges facing pre-adolescence and adolescence in contemporary society. The students are expected to investigate current research on issues related to reading pedagogy in an effort to develop effective strategies to motivate pre-adolescent and adolescent students toward reading as a mode for personal growth.

EDP 412 Middle Childhood Field Experience II (2 SH)
(75 clock hours)

Prerequisite: A grade of B or better in EDP 312 and successful completion of all requirements in Gate A

This field is an intensive experience through which students will demonstrate their abilities to plan and execute lessons in one content area. Note: If concentration is in more than one content area, students should not repeat the content area of EDP 312. They will demonstrate the use of technology in teaching and learning episodes. Students should be given the opportunity to practice in inclusive clinical settings that reflect culturally, linguistically and academically diverse systems.

EDP 416 Reading in the Content Area (3 SH)
Fall

This course covers practical reading and study skill techniques for subject area teachers. Teacher candidates learn ways to assist students to read for different purposes. Topics such as readability formulas, directed reading activity, grouping in the classroom, vocabulary building, comprehension levels, questioning, following directions, rate of reading and study guides are covered. A review of the various reading programs significant for the preadolescent, adolescent and young adult student are included.

EDP 420 Middle Grade Math Methods (3 SH)
Spring

Teacher candidates will build a foundation in the middle grades mathematics methods by understanding the historical development in mathematics, including the contributions of underrepresented groups and diverse cultures. Students will become familiar with instructional strategies and appropriate use of technology for teaching mathematics. This course will emphasize assessing the mathematical understanding of each student through the use of real life problems. While reviewing national and state standards, teacher candidates will demonstrate the teaching of mathematical concepts in a hands-on setting. Students will demonstrate the use of Ohio Department of Education Academic Content Standards to frame math instruction.

EDP 422 Middle Grade Social Studies Methods (3 SH)
Fall

The purpose of this course is to offer teacher candidates middle school social studies methods for teaching middle school social studies, techniques for assessing the learning of social studies

and to introduce them to professional journals, associations and conferences in social studies education. Students will demonstrate the use of the Ohio Department of Education's Academic Content Standards to frame social studies instruction.

EDP 424 Middle Grade Science Methods (3 SH)
Fall

Study of the application of science processes in an inquiry setting. Teacher candidates will understand the interdisciplinary nature of concepts in earth science, environmental, life and physical sciences and relate to contemporary events. Emphasis is on planning instruction based on knowledge of preadolescent students needs, using a variety of instructional strategies and materials as well as electronic educational technology to enhance hands-on laboratory activities. Students will demonstrate the use of the Ohio Department of Education's Academic Content Standards to frame science instruction.

EDP 440-42 Student Teaching: Middle Childhood (9 SH)

Prerequisite: All professional education coursework and successful completion of all requirements in Gate B
Student teaching is the culminating professional semester for the program. It is a full semester with a full school day supervised experience in selected area schools. Students will work with master teachers who will assist in assessing candidates' progress as they practice teaching in middle childhood levels. Students will demonstrate proficiency in each cognate level. A grade of B or better must be attained in EDE 440-42 and EDE 443 in order to be recommended for licensure.

EDP 443 Seminar and Project for Middle Childhood (3 SH)

Prerequisite: All professional education coursework and successful completion of all requirements in Gate B
Students will produce lesson plans and must successfully complete an impact on student learning project. Other topics will be addressed as needed. A grade of B or better must be attained in EDE 440-42 and EDE 443 in order to be recommended for licensure.

SPECIAL EDUCATION: INTERVENTION SPECIALIST – MILD TO MODERATE (EDS)

EDS 300 Introduction to Individuals with Mild to Moderate Educational Needs (3 SH)

Prerequisites: EDC 330
Concurrent requisite: EDS 312 or EDS 412
This course is a study of historical and current definitions, characteristics and needs of students with mild/moderate exceptional learning needs and how they change through their lifespan. Focus is on academic, behavioral and social assessment and interventions based on current research and practices in various settings, including resource and inclusive, co-teaching



COURSE DESCRIPTIONS cont.

models. Included will be activities in reviewing evaluation team reports and individual education plans.

EDS 301 Child and Adolescent Development and Learning (3 SH)

Prerequisite: EDC 330

Concurrent requisite: EDS 312 or EDS 412

Study of the physical, psychological, cognitive, moral, and social development of the human person from conception through adulthood.

EDS 302 Assessment and Intervention for Mild to Moderate Special Needs (3 SH)

Concurrent requisite: EDS 312 or EDS 412

This course will focus on the administration and interpretation of formal and informal assessment instruments for students with mild/moderate exceptional learning needs. The course will emphasize the direct link between assessments and the design of appropriate interventions. It will address the relationship between assessment and the Individualized Education Plan as well as progress monitoring and Response to Intervention.

EDS 310 Classroom Management and Behavioral Intervention (3 SH)

Prerequisites: EDC 330

Concurrent requisite: EDS 312 or EDS 412

This course emphasizes applied behavioral techniques to maximize learning, reduce behavioral problems and increase pupil-and-teacher rapport for students with mild/moderate educational needs. Course content and activities focus on the study of student needs and behaviors with identification of selected management methods. Management techniques are demonstrated and reviewed in class.

EDS 312 Mild Moderate Intervention Specialist Field Experience I (75-100 clock hours) (2 SH)

Prerequisite: EDC 301, EDC 330

The initial clinical hours of this experience are exploratory. Students will observe in schools, tutor students and assist teachers or other school personnel. They will become aware of the sociological environment of the school, center or agency as it interrelates to communities and families. Students should attend school/community events and participate as permitted. The remaining hours of the experience are focused and students will begin to practice appropriate developmental instructional methods and strategies that an intervention specialist is expected to provide.

EDS 320 Collaboration and Partnerships (3 SH)

Prerequisites: EDC 330

Concurrent requisite: EDS 312 or EDS 412

This course focuses on research and productive strategies for establishing successful collaborative relationships with families, educators and other professionals. It fosters sensitivity to the

needs of culturally and linguistically diverse families and cultures. Significance is placed on partnerships and networking with other professionals, paraprofessionals and families as team members designing, implementing and evaluating appropriate educational experiences.

EDS 330 Curriculum and Materials for Mild to Moderate Special Needs (3 SH)

Prerequisites: EDC 330

Concurrent requisite: EDS 312 or EDS 412

This course will review curriculum theory and development for programs for exceptional learners. It will address appropriate teaching strategies, curriculum sequences and materials selection, adaptation and evaluation most effective and efficient for classroom use.

EDS 412 Mild Moderate Intervention Specialist Field Experience II (75 clock hours) (2 SH)

Prerequisite: EDC 330, A grade of B or better in EDS 312 and successful completion of all requirements in Gate A

Concurrent requisite: EDS 312 or EDS 412

This field experience functions as a practicum with an opportunity for the student to work with experienced teachers and to practice the specific techniques they have learned in education core, assessment, curriculum, behavioral intervention and methods courses.

EDS 440-42 Student Teaching: Mild Moderate Intervention Specialist (9 SH)

Prerequisites: EDC 330, All professional education coursework and successful completion of all requirements in Gate B

Concurrent requisite: EDS 312 or EDS 412

Student teaching is the culminating professional semester for the program. It is a full semester with a full school day supervised experience in selected area schools. Students will work with master teachers who will assist in assessing candidates' progress as they practice teaching and providing supplementary aids and services for students with disabilities in the classroom. A grade of B or better must be attained in EDS 440-42 and EDS 443 in order to be recommended for licensure.

EDS 443 Seminar and Project for Mild Moderate Intervention Specialist (3 SH)

Prerequisites: EDC 330, All professional education coursework and successful completion of all requirements in Gate B

Concurrent requisite: EDS 312 or EDS 412

Students will produce lesson plans and must successfully complete an impact on student learning project. Other topics will be addressed as needed. A grade of B or better must be attained in EDS 440-42 and EDS 443 in order to be recommended for licensure.



ENGLISH (EN)**EN 100 The Writing Process (4 SH)**

English 100 introduces students to the conventions of college level/academic writing. Emphases include writing papers that develop an argument and are grammatically correct. Student work will be collected in a portfolio, which will be assessed by the English Department to determine readiness for EN 101. By placement only. Students must pass the course with a grade of C or better to take EN 101.

**EN 101 Principles of Composition and Research (4 SH)
Fall and Spring**

Study and practice of traditional techniques of rhetoric. The course offers an introduction to the research process of identification, organization and presentation of source materials.

EN 102 Honors Freshman Seminar (4 SH)

This is an interdisciplinary course on a topic with an international focus. The topic and course materials will vary according to the instructor, but the course will include a number of significant written and oral assignments based on assigned readings. The course will culminate in a research project designed by the student with the direction and approval of the instructor and will include an introduction to the research process of identification, organization and presentation of research materials.

EN 140 Principles of Critical Analysis (4 SH)

An introduction to aims, methodology and terminology of literary criticism through the study of texts written in a variety of forms—fiction, non-fiction, prose and poetry—and drawn from a variety of cultural traditions.

EN 201 Advanced College Writing (4 SH)

Advanced College Writing builds on the skills developed in EN 101. Students will learn how to craft extended arguments and incorporate multiple sources into their work. The course will culminate with a longer research project, a component of which will include a research presentation.

EN 222 Foundations of Western Literature (4 SH)

A survey of the characteristic literary forms - especially drama, lyric and epic, both classical and national - through the eighth century A.D. as a means of understanding the fusion of disparate traditions (mythological, philosophical and religious) during the early Middle Ages.

EN 223 Literature of the Late Middle Ages and Renaissance (c. 1000-1650 A.D.) (4 SH)

A study of major literary developments in the late Middle Ages, such as the rise of romance narrative and the reinvention of dramatic presentation and the synthesis of late medieval and classical elements in Renaissance literature.

EN 224 Neoclassical and Romantic Literature (c. 1650-1900 A.D.) (4 SH)

A study of major literary works reflecting the culmination of the classical tradition and the breakdown of that tradition under the pressure of Romanticism, with special emphasis upon the rise of the novel and the reversal of traditional literary hierarchies and categories.

Courses numbered 300 and above presuppose familiarity with the basic techniques of literary analysis and a general knowledge of the cultural and historical background of the works to be studied.

EN 305 Composition Theory (4 SH)

This course provides an introduction to the theories and issues that inform the discipline commonly known as rhetoric and composition, including writing-across-the-curriculum and professional communication. The course is intended to be a survey of movements and topics important to the discipline of Composition. Many – but not all – of these relate to writing instruction. Course topics include history of rhetoric and composition; writers, writing and revisions; reading; genre theory; writing-across-the-curriculum; matters of identity and language. This course is appropriate for anyone who expects to teach writing and/or who is interested in the study of writing.

EN 306 Linguistics (4 SH)

The aim of this course is to provide background of several core areas of the study of human language: Phonetics and phonology (sound structure and patterns), morphology (word structure), syntax (sentence structure) and semantics (the meaning of words and expressions). Additional topics include child language acquisition, dialects, social aspects of language and language change.

EN 310 Journalistic Essay (4 SH)

Prerequisite: EN 101

A composition course with emphasis on news and feature writing and on the essay as a journalistic form. Identification of suitable subject matter, techniques of research and appropriate literary style are central to the course.

EN 315 Creative Writing: Fiction (4 SH)

Prerequisite: EN 101

An introduction to the elements of fiction with particular attention to problems of literary point-of-view, character development and narrative form. Weekly assignments will focus on the specific application of critical elements as they relate to the writing of short fiction.

EN 316 Creative Writing: Dramatic Forms (4 SH)

Prerequisite: EN 101

Study of the major elements of dramatic literature including plot, characterization and dialogue. Students will apply those elements in a series of weekly assignments directed chiefly towards the reader's theater.



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COURSE DESCRIPTIONS cont.

EN 317 Creative Writing: Poetry (4 SH)

A consideration of narrative and lyric forms with emphasis on experimentation with language and imagery. A series of short assignments will stress imagination, revision and the conventions of the genre. Assigned readings in British and/or American poetry will encourage mastery of critical skills and literary analysis.

EN 340 Studies in British Literature (4 SH)

A focused and in-depth exploration of a particular period, genre or unified body of British literature. Material will vary from semester to semester.

EN 341 Studies in American Literature (4 SH)

A focused and in-depth exploration of a particular period, genre or unified body of American literature. Material will vary from semester to semester.

EN 342 Studies in Shakespeare (4 SH)

Analyses of selected works by Shakespeare as a means both of identifying his particular artistic achievement and of exploring the social and intellectual issues of Renaissance England.

EN 343 Studies in World Literature (4 SH)

A focused and in-depth exploration of the major works, authors and traditions of a particular world literature. The specific focus of the course will vary from term to term, but may include Asian, African, Latin American, Middle Eastern and Pacific Rim literary traditions.

EN 344 Great Lakes Literature (4 SH)

This course focuses on fiction and non-fiction written about the people, cultures, flora and fauna of the Great Lakes region, beginning with the earliest American Indian folk narratives and continuing through the past several centuries of literature written in English. The controlling question of the course will be whether there is a collective consciousness in the texts studied which constitutes a regional literature. Classroom studied may be combined with Great Lakes field trips and intellectual interaction with the Great Lakes Lecture Series.

EN 400 Senior Research Project (4 SH)

Students preparing a thesis take this course in their final semester of the year they are schedule to graduate. The course will cover development of a written proposal in consultation with the faculty member of the student's choice, weekly meetings with the thesis advisor to assess progress, develop thesis focus and explore challenges and issues of research methods. Submission of the thesis to the advisor in the penultimate week of classes is required.

EN 250/350 Internship in English (2-5 SH)

An opportunity for field studies under professional supervision during the academic year or summer. Open to all students with permission.

EN 160/260/360 Individual Investigation in English (2-4 SH)

Permission of the instructor

EN 170-79/270-79/370-79 Special Topics in English (2-4 SH)

ENTREPRENEURSHIP STUDIES (ET)

ET 201 Fundamentals of the Enterprise (4 SH)

The course provides an introduction to the structural, financial, economic, managerial, legal and operational fundamentals of organizations, profit and non-profit.

ET 211 New Venture Planning and Development (4 SH)

Prerequisite: ET 201 or AC 101, MN 200 and MK 203

The course provides an introduction to the elements and processes by which new ventures are created, both within existing organizations and start-up enterprises.

ET 221 Techniques of Persuading, Selling and Negotiating (4 SH)

Prerequisites: CM 105, ET 201 or AC 101, MN 200 and MK 203

This course studies the theory and practice of the communicative processes by which individuals influence others in the context of commercial and organizational objectives.

ET 230 Product Design/Thinking Inside the Box: Fabrication, Art & Design (4 SH)

This studio course will explore electronic techniques, new media sculptures, experimental computer graphics, and current media in the field. This course will progress with the use of a programmable micro-controller for development of interactive artworks, kinetic sculpture, sound works, light art, and performance environments. Input sensors like infrared, ultrasonic, and limit switches will be used with output devices like servo-motors, DC motors, speakers, relays, and power transistors. Slide lectures, video and web sources will allow the evolution of artistic and conceptual approaches to the development of interactive art and environments.

ET 401 New Venture Practicum and Entrepreneurship Experience: Part 1 (4 SH)

Prerequisite: ET211 New Venture Planning, Junior Standing
During this course, the student will start and operate their own business. Working directly and individually with an assigned mentor, the student will work through the process of business formation through product/service delivery. Upon the successful completion of this course sequence, students will have developed some of the necessary organization and financial infrastructure for their company, while bringing a product or service to market and generating revenue. This course is delivered in two sequential semesters with each semester considered 4 semester hours while the total course requirement is 8 semester hours.



ET 402 New Venture Practicum and Entrepreneurship Experience: Part 2 (4 SH)

Prerequisite: ET401

With the assistance of an assigned mentor, this course continues the process of starting and operating your own business which begins during ET401. The focus during this second in a two-part course series is on delivering product and developing an initial customer base, while bringing a product or service to market and generating revenue.

ET 250/350 Internship in Entrepreneurship (2-5 SH)

EQUINE STUDIES (EQ)

The Equine Studies Department requires all students enrolled in an Equine Studies department class, both academic and riding classes to complete the following forms. Due to the risks involved in handling horses on the ground and riding them the College requires an annual physical exam prior to the start of the academic year. Students must complete the required forms before being allowed in the barn to handle or ride horses. All information will remain confidential.

The forms may be accessed online via LEO student page under Equine Studies Division page. Required Physical Forms and Release Forms:

- Form A-Emergency Medical Information
- Physical Exam Form for Eq Studies
- Release and Indemnification

EQ 100, 103, 104 Riding Skills I, II, III (1 SH)

Prerequisite: Permission

Emphasis is on development of basic skills on the flat and over fences. Students may take any level equitation course more than once and earn up to six credits.

EQ 102, 105 Balanced Seat Equitation II, III (2 SH)

Prerequisite: Permission

Basic riding skills class with a movement component included to develop the strength, balance and foundation of the rider's position. Course may be repeated for six hours maximum credit. These courses do not include jumping.

EQ 109 Introduction to the Equine Industry (3 SH)
Fall and Spring

Introduction to the equine industry provides an overview of the equine industry as well as basic information on anatomy, physiology, identification, evaluation, husbandry and diseases of horses. This course introduces students to selected current global, national and regional issues in the horse industry.

A balanced examination will be provided of various equine commercial use and unique international equine industries. Students will be required to make an equine industry related presentation to the community (i.e., equine trade groups,

4-H clubs, local schools, etc.). Additionally, ground training techniques will be demonstrated and hands-on practice times for the students provided. Upon completion of this course students will be able to: describe the structure of the equine industry; identify areas of economic importance within the equine industry; utilize several ground training techniques and describe aspects of international equine industries. Students may expect several weekend assignments throughout the semester.

EQ 110 Horse Care Practicum (4 SH)
Fall and Spring

This practicum course, designed for freshmen, provides the opportunity for hands-on practical experience. Students will be involved in the daily care of the school horses. Horse care management skills will be learned and practiced. Students may expect several weekend assignments throughout the semester.

EQ 111 Introduction to Hunters and Theory (2 SH)

Prerequisite: Successful completion of EQ 104 with a grade of A Course offers the opportunity to learn how to ride a show hunter on the flat as well as how to execute a course of fences in a smooth, rhythmic style expected in the hunter show ring. This is the beginning of the series of hunter riding courses and is a prerequisite for EQ 113 Hunter I. Course may be repeated for six hours maximum credit.

EQ 113 Hunter I (1 SH)

Prerequisite: EQ 111 and permission

Building on and integrating skills gained in EQ 104 Riding Skills III and EQ 111 Introduction to Hunters, this class serves as an introduction to the advanced, training, riding and showing techniques required in today's hunter arena.

EQ 125 Introduction to Dressage and Theory (2 SH)

Prerequisite: Successful completion of EQ 104 with a grade of A required

Introduction to the discipline of dressage and its usefulness for all equestrian disciplines. Emphasis placed on the development of the seat for the effective rider. Theory classes cover the history and development of modern dressage. Beginning of the series of dressage courses and a prerequisite for EQ 126 Intermediate Dressage and Theory. Course may be repeated for six hours maximum credit.

EQ 127 Dressage I (1 SH)

Prerequisite: EQ 125 and permission

Progressive training of the horse and rider to produce a harmonious partnership capable of performing successfully at first and second levels. Introduction to collection. Course may be repeated for six hours maximum credit.

EQ 130 Introduction to Stadium Jumpers and Theory (2 SH)

Prerequisite: Successful completion of EQ 104 with a grade of A Course offers the opportunity to learn how to ride the jumper over



COURSE DESCRIPTIONS cont.

a course of colorful fences, with control of speed and direction. Beginning of the series of jumper courses and a prerequisite for EQ 132 Stadium Jumping I. Course may be repeated for six hours maximum credit.

EQ 132 Stadium Jumping I (1 SH) *Spring*

Prerequisite: Permission

More advanced courses over fences to develop skills necessary for successful competition in stadium jumping. Course may be repeated for six hours maximum credit.

EQ 144 Introduction to Eventing and Theory (2 SH)

Prerequisite: Successful completion of EQ 104 with a grade of A Introduction to the sport of eventing including USEA rules.

Fundamentals of all phases of eventing: dressage, cross-country and stadium jumping as well as elements of conditioning, pace, rules and preparation for competition. Beginning of the series of eventing courses and a prerequisite for EQ 145 Eventing I. Course may be repeated for six hours maximum credit.

EQ 145 Eventing I (1 SH)

Prerequisite: Permission

Continuation of developing the fundamentals of all phases of eventing: dressage, cross country and stadium jumping as well as elements of conditioning, pace, rules and preparation for competition. Course may be repeated for six hours maximum credit.

EQ 181 Breeding Practicum (3 SH) *Fall*

Correct techniques in the care, handling and breeding of horses are discussed and practiced in lecture and laboratory sessions. Field trips are included as time allows. This course may be repeated once for additional credit. Some evenings and weekends required. Enrollment limited to nine students.

EQ 202 Management of Equestrian Activities (3 SH) *Spring*

Prerequisites: sophomore status, EQ 109, EQ 110

This hands-on course provides students with an understanding of the all essential positions required to staff a hunter, jumper and dressage show; the USEF and Association regulations (USHJA/USDF) that govern the management of horse shows; the writing, printing and distribution of prize lists, including what information must be listed to meet association regulations and information necessary for the competitors; budgeting process; contractual requirements for service providers and officials at shows; and process of securing sponsors; correctly set courses for competition, including the measuring of lines, preparation of the arena, etc. Numerous labs outside of class time are required.

EQ 203 Management of Equestrian Facilities (3 SH) *Fall*

Prerequisites: sophomore status, EQ 109, EQ 110

This introductory course provides an overview of equestrian facility management including horse needs, safety, emergency evacuation procedures, stable layout, site planning, stable maintenance, barns and interiors, out buildings, equipment, fencing, feeding, hay, bedding, storage, delivery, pastures, paddocks and shelters. Recognize proper environmental control, manure management, feeding and bedding storage and delivery, fencing and utilities.

EQ 204 Equine Facilities II and Operations (3 SH) *Spring*

Prerequisite: EQ 203

This course will give students an in-depth look at operational aspects of equine facilities (i.e., boarding stables, stud farms and animal hospitals). This course will give students an in-depth examination in the following four specific areas: equine facilities design; client relations in the Equine industry; vendor relations with exposure to equipment; hay and grain suppliers; and equine law (i.e., business records, taxes, contracts, managing liability, insurance and safety procedures).

EQ 207 Introduction to Therapeutic Horsemanship (2 SH) *Spring*

Prerequisite: EQ 109 and EQ 110

An introductory course exploring the history of equine assisted activities, the typical models used to provide services for people with disabilities or challenges, the benefits of therapeutic riding and the standards and best practices that apply.

EQ 210 Equine Health (4 SH) *Spring*

Prerequisite: BI 238 or EQ 238 and EQ 109, 110. May be taken concurrently with BI 239 or EQ 239

A study of the immune response, disease signs, symptoms, etiology, treatment and prevention in the horse with special emphasis on the systems approach and practical care techniques. A study of parasites, their life cycles, prevention and treatment will be covered. Opportunity for practical application is offered. Students routinely participate in health care of school horses.

EQ 220 Introduction to Teaching Riding (2 SH)

Prerequisites: EQ 109, EQ 110, EQ 102 or higher. Participation may be waived upon demonstration of teaching knowledge and ability with instructor permission.

This course will introduce students to the methods, safe practices, and terminology of teaching riding. Students will learn to recognize safe teaching, organize lessons, select safe lesson horses and teach basic riding skills.

EQ 230 Course Design (2 SH) *Even Years*

Prerequisite: EQ 104

Factors involved in designing interesting, challenging and safe courses for equestrian events will be analyzed. The desirable features and restrictions of courses for hunt seat equitation,



working hunters, jumpers and combined training events will be discussed in accordance with the USEF and USEA rule books. Some weekends required.

EQ 238 Equine Anatomy and Physiology I (4 SH)
Fall

Prerequisites: BI 100/BI 100L or BI 101/BI 101L
A detailed analysis of the structure and function of the equine skeletal, muscular, integumentary, nervous and endocrine systems. Examination of evolutionary history and adaptation of each system. Laboratory will include dissection, experimentation.

EQ 239 Equine Anatomy and Physiology II (4 SH)
Spring

Prerequisite: EQ 238
A continuation of EQ 238 covering cardiovascular, respiratory, digestive, excretory, and reproductive systems, as well as metabolic homeostasis. Laboratory will include dissection, experimentation.

EQ 242 Stud Farm Management Practicum (3 SH)
Spring

Prerequisite: EQ 110
Enrollment limited to nine students. Preference given to students who have completed EQ 181. Continued practical experience in stallion and bred and open mare management. We typically foal out a few mares requiring nights and weekend work at the farm for this class. This course may be repeated once for additional credit.

EQ 301 Stable Management in a Foreign Setting (2 SH)

Prerequisite: IS 300. Must have Lake Erie College faculty advisor approval prior to registration
Practical experience in daily horse care under the supervision of the staff of the APA approved site.

EQ 302 Training I (2 SH)
Fall

Prerequisite: EQ 104, EQ 304 and Junior status.
Theory and practice in initial training of young horses to ride. Students will be assigned an untrained or green horse for the semester.

EQ 303 Training II (2 SH)
Spring

Prerequisite: EQ 302
Theory and practice in working with spoiled or green horses. Students will be assigned a green horse for the semester.

EQ 304 Schooling (2 SH)

Prerequisite: EQ 104 and Sophomore status
This course is for students interested in training a variety of horses on the flat and/or over fences. Considerable lab time is given for students to gain more experience in training green, spoiled or problem horses.

EQ 306 Horsemanship in a Foreign Setting (2-4 SH)

Prerequisite: IS 300
Development of riding skills and practice in horse training methods under the direction of the staff at an APA approved site. Adequate riding ability, as determined by the Division of Equine Studies faculty or the specific APA Site. Must have faculty advisor approval prior to registration.

EQ 307 Principles of Therapeutic Horsemanship (2 SH)
Spring

Prerequisite: EQ 207
This course explores the development of quality programming, specific to meeting the needs of a population of people with challenges. Goal identification, task analysis and lesson objectives will be examined. Various techniques and approaches to therapeutic horsemanship will be studied.

EQ 309 Breeding Farm Management in a Foreign Setting (2-4 SH)

Prerequisite: IS 300 and EQ 181
Practical experience in the care and handling of breeding animals (stallions, mares, foals, weanlings and/or yearlings) under the supervision of the staff at an APA approved site. The type of experience may vary depending upon the specific farm and the time of year. Must have faculty advisor approval prior to registration.

EQ 312 Principles and Theory of Competition (2 SH)

Prerequisites: EQ 109, EQ 110, EQ 103 or EQ 102
This course will teach students the theory, principles and execution of skills necessary to prepare horses for competition at a national level. Students will learn to groom, clip, braid, outfit and exercise horses in a manner suitable to show at the highest levels. This course will be team taught by 2-3 instructors who specialize in the four disciplines offered in the equine program: hunters, jumpers, dressage, eventing. Students who successfully complete this course will acquire the professional skill sets to enable them to strengthen their employability as trainers, assistant trainers, barn managers and professional grooms.

EQ 316 Methods and Materials of Teaching Riding I (4 SH)
Fall

Prerequisite: Junior status and EQ 220
A study of the effective means of teaching riding considering the physical and psychological factors involved. Students observe and assist Lake Erie College instructors in riding activity classes as well as practice teach under supervision. Emphasis on teaching beginner and low-intermediate skills.

EQ 317 Methods and Materials of Teaching Riding II (4 SH)
Spring

Prerequisite: EQ 316
A continuation of EQ 316; emphasis in teaching upper-level skills.



COURSE DESCRIPTIONS cont.

EQ 320 Equine Nutrition (4 SH) *Fall*

Prerequisite: EQ 109, 110, EQ 210

A study of the requirements for a suitable diet for horses according to age and activity. Emphasis will be placed on evaluating the horse's need for basic nutrients and how the feedstuffs are combined to form a quality diet.

EQ 324 Pasture Management (3 SH) *Fall*

Prerequisite: EQ 320

This course will study the nutritional benefits and growing habits of many species of grasses and legumes, the horse's natural foodstuff. Production and maintenance of productive pastures and hay crops including soil testing and environmental responsibility are emphasized. Lectures, guest speakers and field trips.

EQ 331 Equine Lameness and Conditioning (4 SH) *Fall*

Prerequisite: EQ 210, EQ 320 or EQ 320 concurrent

A study of the etiology, pathogenesis, signs, treatment and possible prevention of many musculoskeletal problems of the horse. Slides and x-rays are used to demonstrate normal and abnormal conditions. Prevention of lameness through proper conditioning will be discussed. Students routinely participate in care and management of school horses.

EQ 340 Judging (2 SH) *Spring*

Prerequisite: EQ 109, EQ 110, junior status

The responsibilities of the judge in officiating at hunter, jumper, dressage shows and combined training events are discussed. The ability to recognize superior performance is developed and students have the opportunity to judge with recognized professionals under competitive conditions.

EQ 401 Equine Venture Consulting (3 SH)

Prerequisites: CI 101, AC 101 and Senior status

The course provides an introduction to the structural, financial, economic, managerial, legal and operational fundamentals of organizations, profit and non-profit. As the first in a series of courses related to Entrepreneurship and the Enterprise, this class will introduce you to the fundamentals of an enterprise and help you learn some of the basic management, structural and analysis tools that can influence your success. Whether you're starting your own business or working within an existing organization, the course will use a series of real-life examples and case studies to develop your understanding of the enterprise and how it is managed.

EQ 402 New Venture Creation for the Equine Industry (3 SH)

Prerequisite: EQ 401

Requires a thorough research project culminating in the

development of a finished plan for an equine small business venture. Students must present their plans with a thorough presentation to an outside board of professional experts. Students may work in teams or alone to complete the business plan.

EQ 405 Equine Reproduction (4 SH)

Prerequisite: EQ 210, EQ 181, EQ 242 and EQ 320

A lecture and laboratory course dealing with the study of the anatomy, physiology and endocrinology of the sexually mature mare and stallion. Breeding procedures, assisted reproductive techniques, management of the stallion and mare, infertility, parturition and neonatal care will be discussed.

EQ 250/350 Internship in Equine Studies (2-5 SH)

Prerequisite: EQ 109, 110. Student should complete sophomore year before planning an internship. Requires faculty permission. This course provides the opportunity for the student to gain valuable experience by participating in an actual working environment in his or her area of interest.

EQ 260/360 Independent Study in Equine Studies (2-4 SH)

This course is designed to offer the individual student an opportunity to pursue a special interest area that is outside the usual offerings. Requires faculty permission.

EQ 170-79/270-79/370-79 Special Topics in Equine Studies (1-4 SH)

Special interest courses periodically offered include Farrier Science, Stock Seat Horsemanship, Equine Law, Introduction to Therapeutic Riding, etc.

FINE ARTS (FA)

FA 101 The Arts and Their Interrelations (4 SH)

An approach to an understanding and appreciation of the arts through a study of basic elements and principles. The purpose of this course is to develop independent judgment and good taste in the selection of experiences.

FA 404, 405 Senior Project (4, 4 SH)

Prerequisite: Permission

Preparation and performance of a creative project in fine arts. Serves as partial fulfillment of the BFA degree for those students with a multidisciplinary focus.

FA 250/350 Internship in Fine Arts (2-5 SH)

An opportunity for field study under professional supervision during the academic year or summer. Open to students with permission.

FA 400 Multidisciplinary Art and Digital Performance (4 SH)

Prerequisite: Junior or Senior Standing



This course explores experimental and traditional work of integrating digital technologies into visual, dance, music and theater performances. This includes working with digital projections, real-time processing of data (i.e. music data connected and controlling visual display or devices controlling instruments/sounds), sensors, motion tracking via software, and other emerging technologies. Reading about contemporary performances and art will be included, and we will work towards creating a performance/installation within this multidisciplinary course. Cross listed as AT 400, DN 400, IM 400, MU 400, TH 406.

FINANCE (FN)

FN 315 Accounting and Finance for Not-For-Profit Organizations (4 SH)

Prerequisite: AC 101
This course deals with the particular nuances of accounting for and managing the finances of a not-for-profit organization. An understanding of financial statements, the accounting process and basic financial management concepts is assumed.

FN 320 Corporation Finance (4 SH)

Prerequisite: MN 215, EC 200, AC 101
A survey of the principles and practices of business finance. Topics include valuation under uncertainty, capital budgeting techniques, dividend policy, cost of capital and capital structure, an introduction to derivative securities and currency management techniques. Coverage reflects the ongoing transformation of the global financing and investment environments.

FN 321 Intermediate Corporate Finance (4 SH)

Prerequisite: FN 320
This course offers an advanced treatment of corporate finance and builds on the knowledge gained in Corporation Finance (FN 320). It goes deeper into the financial management of a corporation including capital structure, cost of capital, capital budgeting and risk management. This course also introduces the reader to the derivative securities including options and futures.

FN 326 International Financial Management (2 SH)

Prerequisite: MT 107 or 109 and FN 320
An introduction to financial management in the multinational corporation. Topics include time value of money and capital budgeting, risk and return, international capital markets, exchange-rate determination and currency risk management and derivative markets for currencies.

FN 330 Real Estate Principles and Finance (4 SH)

Prerequisite: FN 320 or Instructor's Permission
An introduction to real estate principles and practice – landownership, homeownership, real estate and property, interests in real estate, title, real estate appraisal and other concepts. The course will also focus on financial aspects of real estate – theory and measurement of risk and returns, valuation

of owner-occupied and income-producing properties, real estate finance, mortgage instruments and mortgage repayments.

FN 345 Financial Planning (4 SH)

Prerequisite: FN 320, EC 200, MN 215
Asset and liability management focusing on the needs and resources of the individual. Topics include principles and practices of investment, portfolio management, the determination of investment values, the role and functioning of the securities and money markets, security analysis and the use of the computer in portfolio selection.

FN 404 The Financial Systems (4 SH)

Prerequisite: FN 320 or Instructor's Permission
The course will provide an overview of financial markets and institutions. The analysis will focus on the function of financial intermediaries, the regulatory environment under which the markets and these institutions work, and management concerns emphasizing current issues.

FN 405 Investments (4 SH)

Prerequisite: FN 320 or instructor permission
An overview of the investment process both from the perspectives of individual investors and institutional investors. It will focus on different investment instruments, securities markets, market indices, security selection, including fundamental and technical analyses, and portfolio management.

FN 250/350 Internship in Finance (2-5 SH)

This course provides the opportunity for students to gain valuable experience by participating in an actual working environment in his or her area of interest.

FN 360 Independent Study in Finance (1-5 SH)

Students study topics of interest not offered as regular courses.

FN 170-79/270-79/370-79 Special Topics in Finance (2-4 SH)

Courses in topics of special interest to faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

FRENCH (FR)

FR 101 Beginning French I (4 SH)
Fall

Fundamentals of written and spoken language. Emphasis is placed on vocabulary acquisition and mastery of basic grammar concepts.

FR 102 Beginning French II (4 SH)
Spring

Prerequisite: FR 101 or permission of instructor
Continuation of the study of grammar, syntax and vocabulary.



COURSE DESCRIPTIONS cont.

Further development of speaking and writing skills and of reading facility and comprehension.

FR 201 Intermediate French (4 SH) *Fall*

Prerequisite: FR 102 or permission of instructor
This course focuses on the active usage of the material learned in FR 101 and 102. Communication skills are built through an interactive classroom atmosphere based on the discussion of readings and visual media.

FR 210 Studies in Francophone Contemporary Cultures (4 SH)

Pre-requisite: FR 201
Study, discuss and write on topics of particular interest to students. Examples of topics include current events, business and economic issues, intermediate-advanced grammar through authentic texts, travel and tourism, etc.

FR 220 French Conversation (4 SH) *Spring*

Prerequisite: FR 102 or permission of instructor
This course continues to build oral and written communication skills. Conversational exercises such as role-playing and short oral presentations are emphasized, as well as continued interactive work with visual media and short readings.

FR 301 French Culture for the Professional Environment (4 SH)

This course serves as an introduction to the professional culture of Francophone countries and societies. Students will prepare for a successful professional experience abroad or in a multinational organization in the U.S. Topics and learning outcomes will include: creating a resume or curriculum vita in the second language, proficiency in basic professional correspondence, familiarity with different types of enterprises, organizational structures, marketing, banking and finance, accounting, the employment market, insurance, daily activities in an office, economics, transportation, information technology applications, etiquette in a variety of professional situations, shipping and customs, etc. Interactive work with visual media and IT applications is emphasized, and the course will be taught primarily in the target language.

FR 302 French Phonetics and Pronunciation (1 SH)

Pre-requisite: FR 102 or permission of instructor
Exercises in the pronunciation of standard French through learning the International Phonetic Alphabet, linking of written French (graphemes) and spoken sounds (phonemes), practice of difficult phonemes, practice of intonation, etc.

FR 250/350 Internship in French (2-5 SH)

The department assists students in arranging internship opportunities with multinational companies both in the U.S. and abroad. Students may take internships during the semester as well as during the summer.

FR 260/360 Independent Study in French (2-4 SH)

An independent study course providing an opportunity to pursue a topic of particular interest. Available only for students who have completed FR 102.

FR 311 French Composition (3 SH)

Pre-requisite: FR 201
Concise exercises in writing. Examples: summary, close reading, developing and arguing of a thesis, transitions, conclusions *à la française*, business writing, email, etc.

FR 320 Francophone Literatures and Cultures (3 SH)

Pre-requisite: FR 201; and 310 (recommended)
Study, discuss and write on cultural production (literature, film, historiography, intellectual movements, particular contributions, etc.) from the many countries and societies that use French as an everyday medium of communication.

FR 350 Internship in French (2-4 SH)

Pre-requisite: FR 201; and 310 (recommended)
Assist students in arranging internship opportunities with multinational companies both in the U. S. and abroad. Students may take internships during the semester as well as during the summer.

FR 401 Translation Studies in French (3 SH)

Pre-requisite: FR 201; and 310 (recommended)
Study the theory of translation. Put the theory into practice through translation from and into French of literary, business, technical and academic texts.

FR 402 Francophone Intellectual History (3 SH)

Pre-requisite: FR 201; and 310 (recommended)
Study, discuss and write on such periods and movements as the *Ancien Régime*, Middle Ages, Renaissance, French Revolution, Neo-classicism, Romanticism, Realism, Impressionism, Modernism, Feminism, Existentialism, etc.

FR 410 Francophone Literatures in English Translation (3 SH)

Study, discuss and write on translations into English of such canonical writers as Voltaire, Molière, Hugo, Balzac, Stendhal, Flaubert, Baudelaire, Zola, Proust, Camus, Sartre, etc.

FR 411 Francophone Women Writers and Filmmakers (3 SH)

Pre-requisite: FR 201; and 310 (recommended)
Study, discuss and write on the important contributions to culture by such women as Marie de France, Madame de Lafayette, George Sand, Simone de Beauvoir, Simone Weil, Anne Hébert, Gabrielle Roy, Simone Schwartz-Bart, Colette, Assia Djebar, Éléonore Faucher, Marguerite Duras, etc.



FR 420 Francophone Visual Arts, Music, Architecture (3 SH)

Pre-requisite: FR 201; and 310 (recommended)
Study, discuss and write on the visual arts, music, architecture, artists, composers, styles, etc., that have come out of France and Francophone societies. Examine the role these have played in the formation of culture.

FR 421 Francophone Cinema (3 SH)

Pre-requisite: FR 201; and 310 (recommended)
Study, discuss and write on the history of film in France, major film producers, influential movements, famous performers, significant films, documentaries and lesser-known films produced in Francophone countries and societies.

FR 170/270/370/470 Special Topics in French (4 SH)

Pre-requisite: FR 310
Study, discuss and write on topics of particular interest to students in advanced standing. Examples of topics: Colonization and decolonization, Québécois culture, focus on a single writer or filmmaker, advanced grammar, French Feminism, Modernism, etc.

FR 490 Senior Research Project (4 SH)

Students preparing a thesis take this course in their final semester of the year they are scheduled to graduate. The course will cover development of a written proposal in consultation with the faculty member of the student's choice, weekly meetings with the thesis advisor to assess progress, develop thesis focus and explore challenges and issues of research methods. Submission of the thesis to the advisor in the penultimate week of classes is required.

GEOGRAPHY (GE)

GE 101 Introduction to Geography (4 SH)

An introductory survey of the discipline of geography. This course emphasizes the interrelationships between the physical geography of the world and the patterns of adjustments and adaptations which humans have made to the natural environment. Factors studied will include settlements, population distribution, religion and culture.

GE 200 World Geography (4 SH)

This introductory course will teach students how to approach global analysis from a geographical perspective. Focusing on a variety of regions around the globe, students will explore the geographical structure of those regions. Special care will be taken to emphasize the connection between the geographical structure and the historical and economic development of a certain region.

GERMAN (GR)

GR 101 Beginning German I (4 SH)
Fall

Fundamentals of written and spoken language. Emphasis is placed on vocabulary acquisition and mastery of basic grammar concepts.

GR 102 Beginning German II (4 SH)
Spring

Pre-requisite: GR 101 or permission of instructor
Continuation of the study of grammar, syntax and vocabulary. Further development of speaking and writing skills and of reading facility and comprehension.

GR 201 Intermediate German (4 SH)
Fall

Pre-requisite: GR 102 or permission of instructor
This course focuses on the active usage of the material learned in GR 101 and 102. Communication skills are built through an interactive classroom atmosphere based on the discussion of readings and visual media.

GR 210 Studies in Germanophone Contemporary Cultures (4 SH)

Pre-requisite: GR 201
Study, discuss and write on topics of particular interest to students. Examples of topics include current events, business and economic issues, intermediate-advanced grammar through authentic texts, travel and tourism, etc.

GR 220 German Conversation (4 SH)
Spring

Pre-requisite: GR 102 or permission of instructor
This course continues to build oral and written communication skills. Conversational exercises such as role-playing and short oral presentations are emphasized, as well as continued interactive work with visual media and short readings.

GR 260/360 Independent Study in German (2-4 SH)

An independent study course providing opportunity to pursue a topic of particular interest. Available only for students who have completed GR 102.

GR 301 German Culture for the Professional Environment (4 SH)

This course serves as an introduction to the professional culture of Germanophone countries and societies. Students will prepare for a successful professional experience abroad or in a multinational organization in the U.S. Topics and learning outcomes will include: creating a resume or curriculum vita in the second language, proficiency in basic professional correspondence, familiarity with different types of enterprises, organizational structures, marketing, banking and finance, accounting, the employment market, insurance, daily activities in an office, economics, transportation, information technology



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applications, etiquette in a variety of professional situations, shipping and customs, etc. Interactive work with visual media and IT applications is emphasized, and the course will be taught primarily in the target language.

GR 302 German Phonetics and Pronunciation (1 SH)

Pre-requisite: GR 102 or permission of instructor
Exercises in the pronunciation of standard German through learning the International Phonetic Alphabet, linking of written German (graphemes) and spoken sounds (phonemes), practice of difficult phonemes, practice of intonation, etc.

GR 310 Studies in German Literature (4 SH)

Prerequisite: GR 201
A course dealing with particular periods, movements or individual authors as announced in the schedule. Taught in German or English.

GR 311 German Composition (3 SH)

Pre-requisite: GR 201
Concise exercises in writing. Examples: summary, close reading, developing and arguing of a thesis, transitions, culturalized conclusions, business correspondence, email, grammar in context, etc.

GR 320 Germanophone Literatures and Cultures (3 SH)

Pre-requisite: GR 201; and 310 (recommended)
Study, discuss and write on cultural production (literature, film, historiography, intellectual movements, particular contributions, etc.) from countries that use German as an everyday medium of communication.

GR 350 Internship in German (2-5 SH)

Pre-requisite: GR 201; and 310 (recommended)
Assist students in arranging internship opportunities with multinational companies both in the U. S. and abroad. Students may take internships during the semester as well as during the summer.

GR 401 Translation Studies in German (3 SH)

Pre-requisite: GR 201; and 310 (recommended)
Study the theory of translation. Put the theory into practice through translation GRom and into German of literary, business, technical and academic texts.

GR 402 Germanophone Intellectual History (3 SH)

Pre-requisite: GR 201; and 310 (recommended)
Study, discuss and write on such periods and movements as the Middle Ages, Reformation, Marxism and Socialism, Romanticism, Realism, Modernism, Feminism, Expressionism, etc.

GR 410 Germanophone Literatures in English Translation (3 SH)

Study, discuss and write on translations into English of such

canonical writers as Goethe, Schiller, von Hoffmannsthal, Kleist, Kafka, Brecht, Hesse, Rilke, Thomas Mann, Dürrenmatt, Stefan Zweig, etc.

GR 411 Germanophone Women Writers and Filmmakers (3 SH)

Pre-requisite: GR 201; and 310 (recommended)
Study, discuss and write on the important contributions to culture by such women as Hildegard von Bingen, Fanny Lewald, Clara Schumann, Claire von Glümer, Anna Seghers, Christa Wolf, Leni Riefenstahl, Helke Sander, Margarethe von Trotta, Monika Treut, Hannah Arendt, etc.

GR 420 Germanophone Visual Arts, Music, Architecture (3 SH)

Pre-requisite: GR 201; and 310 (recommended)
Study, discuss and write on the visual arts, music, architecture, artists, composers, styles, etc., that have come out of Germany, Austria and Switzerland. Examine the role these have played in the formation of culture.

GR 421 Germanophone Cinema (3 SH)

Pre-requisite: GR 201; and 310 (recommended)
Study, discuss and write on the history of film in Germany, major film producers, influential movements, famous performers, significant films, documentaries and lesser-known films produced in Germanophone countries and societies.

GR 170/270/370/470 Special Topics in German (2-4 SH)

Pre-requisite: GR 310
Study, discuss and write on topics of particular interest to students in advanced standing. Examples of topics: Austrian culture, focus on a single writer or filmmaker, advanced grammar, German Feminism, Expressionism in visual media and literature, Fascism and the Holocaust, etc.

GR 490 Senior Research Project (4 SH)

Students preparing a thesis take this course in their final semester of the year they are scheduled to graduate. The course will cover development of a written proposal in consultation with the faculty member of the student's choice, weekly meetings with the thesis advisor to assess progress, develop thesis focus and explore challenges and issues of research methods. Submission of the thesis to the advisor in the penultimate week of classes is required.

HISTORY (HI)

HI 105 American History I: Colonial Times to 1877 (4 SH)

An introduction to selected themes central to American history preceding our own times. A demonstration of how key economic, sociological, scientific and political concepts have influenced the evolution of U.S. institutions, assumptions, policies and styles of thought and action over the course of three centuries.



HI 106 American History II: 1877 to the Present (4 SH)

A survey course designed particularly for teachers. Special emphasis upon the effects of geography; the major engines of economic and industrial growth; the gradual "opening" of American society in racial, ethnic, sexual, income, educational and occupational terms; America's ambivalent path to world power and the challenges and ironies of globalization and America's role as a global police power in the world of today.

HI 110 American National Government (4 SH)

Centering on significant competing interpretations of the political system, the course is designed to develop an awareness of strategies of evidence and argument in the study of politics. Power relationships in the institutional settings of the Presidency, Congress and the Supreme Court; decision-making and influence in the American political system and political behavior. Cross-listed as PO 110.

HI 120 World History I: Antiquity to 1400 (4 SH)

An introductory survey of the history of the world from the rise of the great river basin civilizations (Nile, Tigris and Euphrates, Indus and Yellow Rivers) to the eve of the European Age of Exploration. Major topics may include the differences and similarities in the 'classical' periods in both East and West, the rise and fall of the world's first great empires, the developments of religion, technology and social-political ideas and how those developed differently in disparate regions of the world.

HI 121 World History II: 1400 to 1815 (4 SH)

An introductory survey of the early modern world from the European Age of Exploration to the defeat of Napoleon Bonaparte at Waterloo. Topics to be addressed may include the interactions of the West with the Far East, the European settlement of the Americas and fates of the indigenous peoples, religious wars, Europe's rise to world dominance, the African slave trade and the development of ever increasing global economic ties.

HI 122 World History III: 1815 to the Present (4 SH)

An introductory survey beginning with the Industrial Revolution in the West and extending to the present day. Topics to be addressed may include Western global imperialism, the development of political and social ideas such as socialism and communism, advances in science and technology, the rise to prominence of Japan, two World Wars, the Great Depression, American dominance and the Cold War, post-imperialism and the impacts on Africa, the rise of China, and the changes brought about by technology, secularism and fundamental religion, feminist movements, etc.

HI 132 Western Civilization I: Beginnings to 1600 (4 SH)

A survey course designed to introduce the student to the history of western civilization from its early foundations in the Near and Middle East, with Mesopotamia and ancient Egypt, through the development of the Greek and Roman civilizations, medieval European developments, the Renaissance and the Protestant

Reformation. This course will include an examination of the important political, religious and cultural developments as well as on the sources of history.

HI 138 Western Civilization II: 1600 to the Present (4 SH)

A survey course designed to introduce the student to the history of western civilization from the time of Protestant Reformation to the present day, including the development of modern states and societies. The religious wars of the 17th century, the Scientific Revolution and Enlightenment, European imperialism and the World Wars will be included in this course. This course will also encompass an examination of the important political, religious and cultural developments as well as western influences on the rest of the world and the sources of history.

HI 208 America as a World Power, 1775 to Present (4 SH)

This course examines the evolution of American foreign policy from isolationism to regional and then global responsibilities. Themes include the increasing role of Presidents in setting policy and the clash between realism (national interest, usually as defined in military and economic terms) and idealism (transformative ideas like spreading democracy and nation-building and international cooperation in forums like the United Nations) in the making of U.S. foreign policy.

HI 230 History of the Middle East/History of Islam (4 SH)

A survey of this turbulent region of the world, beginning with the earliest traces of civilization in Mesopotamia through the various empires that have come and gone, including the Persians, Greeks, Romans and the Muslim empires, to the present day, with the establishment of the state of Israel and the impact of the world's demand for oil on this region. Themes include religious developments, political changes and economic impact.

HI 234 Renaissance and Reformation, 1350-1648 (4 SH)

A study of the period from the beginning of the Renaissance to the end of the Thirty Years' War. This era gave the western world its most enduring cultural masterworks, redefined the relationship between church and state and witnessed unrelenting wars for the cause of religion.

HI 236 Ancient Mediterranean History (4 SH)

An in-depth examination of the birthplace of western civilization, beginning with the ancient Mesopotamians of 2500 BC, the ancient Egyptians, spanning the Greek civilizations of the ancient era, the Phoenicians, Etruscans and Romans, to the passing of the classical world in the fourth and fifth centuries AD.

HI 240 History of Medieval Europe (4 SH)

An in-depth examination of Europe from the fading of the Western Roman Empire, covering political, social, economic, military and maritime developments up to the waning of the Middle Ages during the 13th and 14th centuries AD.



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HI 303 The Napoleonic Wars (4 SH)

This course actually begins with the events leading up to the French Revolution of 1789 and covers the long series of European wars that resulted, up to Napoleon's final defeat at Waterloo in 1815 and the settlement following his exile to St. Helena. This will be an in-depth study of the political, social, economic, military and naval developments, to gain a full understanding of this turbulent, critical era of European history.

HI 304 The American Civil War (4 SH)

This course examines the developments and controversies that led up to the U.S. Civil War, along with a study of the course of the war itself, the major personalities involved, an analysis of both the confederate and federal governments, societies and economies. It continues with an examination of some of the repercussions of the war, at home and on the battlefield, as well as after the fighting ended.

HI 305 The History of Women (4 SH)

This course provides an in-depth analysis of the role of women throughout history both the cultural expectations and the reality, at different times and places throughout human history beginning with the 17th and 18th centuries in Europe, when ideas of equality germinated, to the present day, when the efforts to gain equality continue worldwide. Examinations of the status of women in different modern cultures are also a major part of this course, which covers historical, social, economical and cultural aspects of women in the world.

HI 311 Ohio History (4 SH)

The course covers the history of the state of Ohio from the original settlement of the Native Americans and first French explorers to the present day, including westward expansion and wars with the Native Americans, the state's experiences of the Civil War and the Civil Rights Movement. In this course, a broad range of issues are examined, from politics, society, environmental concerns and other issues pertaining to the history and development of the state.

HI 322 World War II (4 SH)

This course will cover the broad scope of the war, from its European roots in World War I and the peace settlement at Versailles in 1918, and include the attempts by the Japanese to take advantage of the civil war in China to conquer Manchuria, the rise of Mussolini and the Italian Fascists and Hitler and the Nazis of Germany. It will include a study of those far right regimes, as well as the development of the imperialistic, militaristic regime that gained power in Japan. The rising tensions of the late 1920s and early 1930s will be covered, including the outbreak of warfare in the Far East, the Spanish Civil War, the UK policy of appeasement and the beginning of the European war in 1939. Included will be the entry of the USSR and the US into the war, both the European and Pacific theaters and the Holocaust, and finish with the aftermath of VE-Day in May of 1945, and VJ-Day in August of the same year. Included

will be the US atomic bomb program and the first signs of the cold war to come.

HI 340 Medieval Britain (4 SH)

This course focuses on the British Isles from the time of the Celtic migrations and the Roman conquest to the end of the medieval period in the late 15th and early 16th centuries. Included are examinations of Roman Britain, the Celts, the Saxon conquest, Viking incursions, the Norman Conquest and the Wars of the Roses. Also included is an examination of the historical Arthur as well as the figure of legend and in-depth examinations of other great British figures, including Alfred the Great, Richard the Lion-Hearted and Macbeth, among others. Political, religious, social, economic, military and maritime developments are all examined and England, Scotland, Wales and Ireland are all included.

HI 400 Historical Research Methodology/Historiography (4 SH)

This course is primarily for the history major and is intended to introduce the student to the various types of history devised, past and present, the major themes behind most historical work, as well as the different types of sources and methodologies used by historians to conduct research and produce scholarly writing. Students will be instructed in how to recognize biases in historical writing, as well as how to otherwise evaluate source materials. There is an emphasis on primary source material, but secondary materials and the works of important historians, will also be examined.

HI 420 Senior Thesis in History (4 SH)

This course is primarily the opportunity for a history student to choose a topic or subject and put to use all he or she has learned about the craft, science and art of history, to demonstrate his or her growing competence in the field by researching and writing a historical research paper.

HI 160/260/360 Individual Investigation in History (1-4 SH)

HI 170-79/270-79/370-79 Special Topics in History (2-4 SH)

HUMANITIES (HU)

HU 110 First-Year Experience: Critical Inquiry (1 SH)

Prerequisite: Freshman Status

A course designed to engage students in a successful first-year experience through critical thinking. Transition to college, introduction to College services, exploration of majors and enhancement of leadership skills as well as the development of realistic personal goals will be the focus. During this course, students will build upon their identified personal strengths and interests to develop a service project.



HU 111 First-Year Experience: Application (1 SH)
Prerequisite: HU 110

A course designed to engage students in a successful first-year experience through critical thinking and application of personal strengths and interests. During this course, students will work with College faculty and staff as well as community organizations to implement a specific service project. Application of individual personal strengths and leadership skills will be the focus of the course.

HU 120 Travels Through Time and Space (4 SH)

An interdisciplinary humanities course that will guide students through a reading of at least two challenging texts (one classical, the other modern) which address common issues from different perspectives. Students are expected to gain understanding of the nature of liberal education; the process of critical thinking; the value of different approaches to a single subject; the lasting impact of important works and ideas and variations in perspectives within different cultures.

HU 125 Critical Thinking through Controversy (4 SH)

This course applies critical thinking methods and problem-solving techniques to a wide range of contemporary controversial issues facing a global society. Toward the goal of formulating possible resolutions, each issue will be probed with the tools of interdisciplinary thought and scientific method.

INTERCULTURAL STUDIES (IS)

IS 200 Peoples and Cultures in Contrast (4 SH)
Fall and Spring

A focused and in-depth study of the history, traditions, values and practices of a specific culture, region, gender group, ethnic community or linguistic community, including, but not limited to, western European cultures. Specific focus will vary from term to term.

IS 212 Intercultural Studies: Civilization (4 SH)

This course is undertaken while the student is in a study center abroad. It involves a structured and supervised investigation into the general cultural differences observed, culminating in a project related to specific investigations.

IS 300/301 Intercultural Relationships I, II (2, 2 SH)

Prerequisite for IS 301: IS 300

This intercultural course is designed to prepare students for a living and study experience in a foreign environment. Lectures, presentations and discussion groups are scheduled. They aim at giving the students the basic background for exploring further the cultural heritage and transformation of the host country. They also aim at overcoming preconceived notions by making students aware of changes in family structure, peer relationships, social and political attitudes. During the second term, a journal or sketchbook, kept abroad, is used as one of the

measures of the students' growth and perceptiveness of self and environment. The first course is normally offered on the campus in the fall. The second course is ordinarily completed during the spring term abroad.

IS 305 Professional Culture (4 SH)

This course examines the mechanics of professional interaction within an international context, both in the U.S. and abroad. Selecting a specific ethnic group and its culture, students will explore the intricacies of a professional relationship with members of this group. An interactive, discussion-driven learning environment, the involvement of guest presenters and a focus on field observation at internationally focused workplaces in the area will provide excellent academic opportunities for students.

INTEGRATED MEDIA (IM)

IM 201 Programming for Artists (4 SH)

This course will focus on programming for art applications. The course will explore creative and experimental algorithms to create visual, audio or physical structures. Students will be able to have more control over their digital media and computer graphics' processes.

IM 207 Digital Photography and Imaging (4 SH)

The course Digital Photography and Imaging serves as an introduction to the world of digital photography and computer graphics, and as a prerequisite for future photography and computer graphic classes in general. This software program used is the industry standard for all digital image manipulation and editing, and is an important tool that the students should be comfortable for both a photography or computer graphics related field. Cross-listed as AT 207.

IM 230 2D & 3D Animation (4 SH)

Prerequisite: AT 110

This course will serve as an introduction to the world of 2D and 3D computer-generated graphics with a focus on drawing, modeling and animation. Form visualization principles practiced in the fields of design, drawing and digital sculpture will be covered including basic approaches to model surfacing, lighting and presentation. The course will then progress to the basic principles of timing and motion through the production of two and three-dimensional computer-generated animation. The course will prepare you for work ranging from instructional animations to entertainment media including feature films and video games. Cross-listed as AT 230.

IM 231 Video Editing and DVD Authoring (4 SH)

This course is an introduction to Video Editing using industry standard software. The entire workflow will be covered from planning a video shoot, filming the shoot, and then editing the footage, including adding special effects. This course will prepare



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you for work in making commercials, web video, broadcast, entertainment films and/or art films. In addition, the process of authoring your video on an Interactive DVD will be covered. Cross-listed as AT 231.

IM 301 New Media Art: Robotic Art (4 SH)

Prerequisite: AT 103 or AT 114

This studio course will explore electronic techniques, new media sculptures, experimental computer graphics, and current media in the field. This course will progress with the use of a programmable micro-controller for development of interactive artworks, kinetic sculpture, sound works, light art, and performance environments. Input sensors like infrared, ultrasonic, and limit switches will be used with output devices like servo-motors, DC motors, speakers, relays, and power transistors. Slide lectures, video and web sources will allow the evolution of artistic and conceptual approaches to the development of interactive art and environments.

IM 310 Video Game Production (4 SH)

Prerequisite: IM 207, AT 110

This course is an introduction to video game design and production on the computer. The class will focus on the theory of game design and animation, and will work towards creating a 2D game that can be a narrative journey, educational (serious games), and/or puzzle. Programmers, artists, musicians, writers, dancers, performers are encouraged to learn how their skills apply to this growing field. The course will focus on the development pipeline for game creation, innovative game play, and production values.

IM 311 Instructional Technologies/ Serious Games (4 SH)

Prerequisite: IM 207

This course is an introduction to creating instructional modules for web-based and CD-based interactive teaching. The class will cover effective instructional media and animation, and will work towards creating a 2D interactive module that can be a linear instructional animation, an interactive educational game, or a simulation. Topics can span all majors and may include animating biological processes, simulating a micro economy or creating an educational equine learning video game. The course will focus on the development pipeline for asset creation, engaging media, and production values.

IM 330 Web Design, Production and Interactive Art (4 SH)

Prerequisite: AT 102, IM 207

This course will focus on Web Design, Production and Interactive art within the realm of the World Wide Web. The course will explore the Internet as a medium for art, as a space for advertisement and commercial applications AND as a location to deliver information while utilizing the artistic possibilities of HTML, Dreamweaver, Photoshop, and Flash. cross listed as AT 330.

IM 470 Special Topics in Digital Media (1-4 SH)

IM 400 Multidisciplinary Art and Digital Performance (4 SH)

Prerequisite: Junior or Senior standing (Sophomore by permission)

This course explores experimental and traditional work of integrating digital technologies into visual, dance, music and theater performances. This includes working with digital projections, real-time processing of data (i.e. music data connected and controlling visual display or devices controlling instruments/sounds), sensors, motion tracking via software, and other emerging technologies. Reading about contemporary performances and art will be included, and we will work towards creating a performance/installation within this multidisciplinary course.

IM 404, 405 Senior Project (4, 4 SH)

BFA I and BFA II: Directed time to complete BFA show

ITALIAN (IT)

IT 101 Beginning Italian I (4 SH)

Fundamentals of written and spoken language. Emphasis is placed on vocabulary acquisition and mastery of basic grammar concepts.

IT 102 Beginning Italian II (4 SH)

Continuation of the study of grammar, syntax and vocabulary. Further development of speaking and writing skills and of reading facility and comprehension.

IT 201 Intermediate Italian (4 SH)

Continued development of written and spoken language. Communication skills are built through an interactive classroom atmosphere based on the discussion of videos and readings.

IT 211 Introduction to Italian Culture & Civilization (4 SH)

A survey of major literary, intellectual, artistic movements and cultural traditions in Italy throughout time, with an emphasis on learning to navigate intercultural differences through an understanding of Italian art, music, literature, film and major personalities in Italian history.

IT 220 Italian Conversation Spring (4 SH)

This course continues to build oral and written communication skills. Conversational exercises such as role-playing are emphasized, as well as continued interactive work with videos, film and readings.

IT 300 Italian Translation (2 or 4 SH)

Prerequisite: IT 201 or permission of instructor

This course focuses on the assessment and translation of a variety



of texts, including newspaper articles on current issues and literary works.

IT 301 Italian Culture for the Professional Environment (2 or 4 SH)

This course serves as an introduction to the professional culture of Italoophone countries and societies. Students will prepare for a successful professional experience abroad or in a multinational organization in the U.S. Topics and learning outcomes will include: creating a resume or curriculum vita in the second language, proficiency in basic professional correspondence, familiarity with different types of enterprises, organizational structures, marketing, banking and finance, accounting, the employment market, insurance, daily activities in an office, economics, transportation, information technology applications, etiquette in a variety of professional situations, shipping and customs, etc. Interactive work with visual media and IT applications is emphasized, and the course will be taught primarily in the target language.

IT 308/309 Conversation in a Foreign Setting I, II (2 or 4 SH)

Classes will be given in the language of the center abroad. Credit is given for demonstrated improvement in language skills.

IT 331 Advanced Italian (4 SH)

Advanced grammar, phonology, morphology and syntax. Development of oral and written skills. Composition and reading of articles and of modern authors are emphasized, as well as continued interactive work with videos and films.

IT 335/336 Italian Art and Architecture I, II (2-4, 2-4 SH)

Study of some of the major periods in art and architecture and the social trends and historical events that shaped them. Emphasis will be placed on particular artist movements and their representative artists. Visits to nearby museums and architectural monuments. Offered at study centers abroad.

IT 338/339: Readings in Italian/Italoophone Literatures & Cultures I, II (2 or 4 SH)

An introduction to a variety of texts and their discussion in Italian. Interactive oral and written exercises to build student fluency are emphasized.

IT 410 Introduction to Italian Literature (4 SH)

A survey of major literary and intellectual movements from antiquity to present, with readings and films of some representative works. This course may be in Italian.

IT 411 Introduction to Dante's Divine Comedy (4 SH)

The reading and understanding of Dante's Divine Comedy with selected multidisciplinary critical works and films.

IT 412 Studies in Contemporary Cultures and Italoophone Literatures (4 SH)

This course examines the major authors and intellectual movements of the Twentieth Century, with readings and films of some representative works which will be discussed in Italian.

IT 413 Introduction to Italian Renaissance (4 SH)

This course examines the major authors, artists, philosophers, trends and intellectual movements of Italian Renaissance.

IT 420 Italian Fine Arts I (2 or 4 SH)

Study of some of the major periods in fine arts and the social trends and historical events that shaped them. Emphasis will be placed on particular artistic movements and their representative artists. Visits to nearby museums. Also offered at study centers abroad.

IT 422 Studies in Italoophone Cinema (2 or 4 SH)

Selected films are examined and analyzed in this course and discussed in Italian.

IT 490 Senior Research Project (2 or 4 SH)

This capstone experience is designed as an interdisciplinary project based either on the student's internship experience, the student's term abroad, the interrelationship of the student's two fields of study or any combination of the above.

IT 250/350 Internship in Italian (2 or 4 SH)

The department assists students in arranging internship opportunities with multinational companies both in the U.S. and abroad. Students may take internships during the semester as well as during the summer.

IT 260/360 Independent Study in Italian (2-4 SH)

An independent study course providing an opportunity to pursue a topic of particular interest. Available only above the 107 level.

IT 170-79/270-79/370-79 Special Topics in Italian (4 SH)

May include: popular culture, an interdisciplinary topic, a single theme in literature, film, art and music, authors and periods of particular interest to student.

LEGAL STUDIES (LG)

LG 110 Introduction to Legal Assisting (2 SH)

A study of the functioning of legal assistants in law-related employment including legal interviewing, investigation, formal and informal advocacy support roles, as well as a study of ethical conduct required by lawyers and their employees as prescribed by the rules of professional LG conduct. This course is recommended before taking other LG courses.



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LG 210 Principles of Legal Research and Writing (4 SH)

Prerequisite: EN 101 or permission of instructor

A study and practical application of legal research skills and citation forms; analysis and determination of issues of law and fact and evaluations of points and authorities.

LG 220 Criminal Law and Procedure (4 SH)

A course of study to familiarize the student with the classification and types of criminal offenses and all aspects of criminal procedures. Cross-listed as CJ 220.

LG 222 Civil Litigation and Procedure (4 SH)

A study of the practice of the attorney within the state and federal judicial system, including the choice of legal forms, filing of civil actions and motions before, during and after trial and appellate practice.

LG 230 Investigative Techniques (4 SH)

A study of the skills necessary to carry out investigative fact-finding (i.e. insurance work, preparation for trial, on-site investigations, etc.). Includes public records research. Cross-listed as CJ 230.

LG 303 Taxes & Culture Clinic I (2 or 4 SH)

Prerequisite: Sophomore standing or permission of instructor

An interdisciplinary course covering basic income tax and immigration law and the Hispanic culture. Students gain a fundamental understanding of federal, state and city income tax law for low-income taxpayers. Students gain a first-hand knowledge of basic immigration law and how undocumented United States workers are handled through our system. It is a clinic course relying heavily on student participation. Cross-listed as AC 303.

LG 311 Landmark Cases in Mental Health and the Law (4 SH)

The purpose of Landmark Cases in Mental Health and the Law is to introduce students to the major Supreme Court cases that have decided issues in mental health and related fields. This course will be a seminar in which students will read relevant case law in areas such as: competency to stand trial, criminal responsibility, expert testimony, civil commitment, right to treatment, right to refuse treatment, capital punishment, workplace violence, etc. Additional readings will be assigned as new cases are published. Cross-listed as CJ 311, PS 311.

LG 312 Legal Issues in Sports (4 SH)

Prerequisite: LG 315

A presentation of the basic legal issues and interpretation of the law as it applies to sports and recreation. Topics include contracts, torts, regulation of sports, legal terminology and legal principles as applied to the administration and management of sports programs. Emphasis is on identifying and analyzing

legal issues, the implications of those issues and the options for limiting the liability of sports organizations.

LG 315 Business Law I (4 SH)

An introduction to the legal system, with emphasis on the law as it affects business relationships. Historical, social and moral factors are examined in an attempt to convey the dynamic nature of legal rules. Topics include the creation, nature and enforcement of legal obligations; the law of contracts from common law to the Uniform Commercial Code; sales under the Uniform Commercial Code; business ethics and the law.

LG 316 Business Law II (4 SH)

Prerequisite: LG 315 or permission of instructor.

A continuation of the study of legal principles as they affect business. Topics include real and personal property, secured transactions, commercial paper, forms of business organization, bankruptcy, securities regulation, antitrust and government regulation including environmental, consumer and employment law. This course is recommended for students planning to take the CPA examination.

LG 320 Court Administration (4 SH)

A study of court room preparation and procedures to assist the judge and court as applicable to the legal assistant.

LG 324 Constitutional Law (4 SH)

A study of the scope of federal powers, separation of powers and the federal system, the Bill of Rights, due process and equal protection. Cross-listed as PO 320 and CJ 324.

LG 327 Death Penalty in America (4 SH)

The Death Penalty in America is a course designed to introduce students to the legal, psychological and practical aspects of the death penalty. Emphasis will be placed on the landmark Supreme Court cases and the role that mental health experts play in death penalty litigation. There will be ample opportunity for discussion and debate. Cross-listed as CJ 327.

LG 331 Judicial Process (4 SH)

An examination of the development and functions of the judicial system in the United States and the role of courts in the policy process. Topics include theories of law and jurisprudence, the structure of the judiciary, civil and criminal procedures, judicial selection and decision-making, and the impact of courts on the legislative and executive branches. Cross-listed with CJ331/PO331.

LG 332 International Business Law (2 SH)

Prerequisite: Junior standing

This course examines sources of international law by studying the legal traditions of various countries, treaties, organizations and the regulation of foreign trade. A focus on international commercial transactions emphasizes contracts and includes transportation, sales, environment, taxation,



finance, money and banking, intellectual property rights and real property rights.

LG 345 Psychology and Law (4 SH)

Prerequisite: PS 101

This course examines the relationship between psychology and law. The structure of the course will be lectures, discussion, case presentations, debate and direct observation. Both academic and practical experiences will cover juries, civil commitment, violence prediction, competency, the insanity defense, eyewitness testimony and the death penalty. Cross-listed as CJ 345, PS 345.

LG 406 Taxes & Culture Clinic II (2 SH)

Prerequisite: LG 303

An interdisciplinary course covering basic income tax and immigration law and the Hispanic culture. Students gain a fundamental understanding of federal, state and city income tax law for low-income taxpayers. Students gain a first-hand knowledge of basic immigration law and how undocumented United States workers are handled through our system. It is a clinic course relying heavily on student participation. Cross-listed as AC 406.

LG 408 Corporate Paralegal (4 SH)

This course focuses on the skills of drafting contracts including government contracts. Students will also learn to draft other documents used in the areas of intellectual property, securities regulation, commercial law, bankruptcy and conducting the corporation's business affairs.

LG 410 Ethics (1 SH)

A study of legal principles, consideration of legal ethics and the unauthorized practice of law.

LG 420 Applied Senior Seminar (3 SH)

A review and comprehensive examination of the entire legal assistant course of study including legal research and writing, ethics and office on-site experience. Students must receive a "B" or better to receive credit towards the major.

LG 430 Law and the Elderly (4 SH)

Legal issues facing the elderly will be addressed. Various applicable federal and state laws will be stressed including Social Security and Medicare-Medicaid.

LG 450 Legal Assistant Internship (2-5 SH)

An applied internship under the direction of a practicing attorney. Requires approval of program director.

LG 170-79/270-79/370-79 Special Topics in Legal Studies (2-4 SH)

Courses will be offered on a rotating basis and are designed to keep students abreast of current legal issues for example, current Supreme Court decisions.

LIBERAL ARTS (IL)

IL 101 Great Books (4 SH)

By providing a Great Books context for the study of the cultures of the world, this interdisciplinary liberal arts course will include readings from significant authors from the cultures of the world, including but not limited to such works as: Plato, "Republic;" Confucius, "Analects;" Sophocles, "Oedipus trilogy;" Goethe, "Faust;" Shakespeare, "King Lear;" Hobbes, "Leviathan;" Gogol, "The Overcoat" and Smith, "The Wealth of Nations".

IL 405 Senior Capstone (4 SH)

MANAGEMENT (MN)

MN 200 Introduction to Management (4 SH)

Fall and Spring

Prerequisite: EN 101

This course introduces students to life in an organization. Organizational definitions, culture and relationships between government and society are covered. The focus of the course is on developing successful communication strategies within organizations. Verbal, written and team communications are stressed. The use of technology in aiding and enhancing communication is also covered. Cross-listed as CM 200.

MN 215 Business Statistics (4 SH)

Prerequisite: MT 107 or 109, MN 200

A study of statistical methods used for business decisions. Topics include descriptive statistics, probability, estimation, hypothesis testing, regression analysis and forecasting. Emphasis is on developing and interpreting information for business research and decision making.

MN 216 Applied Decision Models (4 SH)

Prerequisite: MN 215

A study of quantitative approaches to decision making. Topics include break-even analysis, linear programming, inventory management, queuing theory, project management techniques and Monte Carlo simulation. Emphasis is on developing and interpreting information for managerial decision making.

MN 310 Operations Management (4 SH)

Prerequisite: MN 200, MN 216

This course examines the production and operations system of the firm and appraises the methods available to aid in management decision-making. Production and inventory control and general plant management techniques are surveyed. Both manufacturing and service organizations are analyzed.

MN 312 Human Resource Management (4 SH)

Prerequisite: MN 200

An examination of the concepts, practices and problems of



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administering human resource functions in an organization. This course is useful for those pursuing careers as human resource managers as well as general managers. Topics covered include recruitment, selection, placement, training, safety, job design, performance evaluation, employee services, unions, wage administration and employee retention.

MN 315 Leadership (4 SH)

Prerequisite: Sophomore standing, MN 200

A survey course covering the history, philosophy, theories and concepts of leadership. This course will differentiate between the roles of the manager and the leader and provide the student with the foundations of leadership.

MN 320 Organizational Development (4 SH)

Prerequisite: Sophomore standing, MN 200

Basic, yet comprehensive, overview of organizational development. Evolution of field, key concepts and methods that drive organizational development; techniques to diagnose opportunities for change; and tools to implement and evaluate organizational development initiatives.

MN 323 Organizational Behavior (4 SH)

Prerequisite: Sophomore standing, MN 200

This course examines the social, psychological, anthropological and cultural aspects of the workplace. Topics such as goals, motivation, job satisfaction, communication, diversity, technology, leadership, teams and conflict are examined from a human behavioral perspective. Experiential exercises are used to observe human behavior in the classroom.

MN 325 Quality Management (4 SH)

Prerequisite: Sophomore standing, MN 200

TQM principles and practices, leadership, customer satisfaction, employee involvement, continuous process improvement, supplier partnership, performance measures, statistical process control, ISO standards, benchmarking, quality function deployment, concurrent engineering, experimental design, Taguchi's quality engineering and product liability.

MN 410 Labor Relations (4 SH)

Prerequisite: MN 200 or permission of the instructor.

An evaluation of labor-management relationships, wage determination and the factors affecting labor productivity. Studies also include the objectives and techniques of management and union leaders and the administration of the labor relations function.

MN 430 Managing the Small Business (4 SH)

Prerequisite: MN 200, FN 320, MK 203

A study of the nature of entrepreneurship and discipline required for owning or managing a small enterprise. The course examines the risk-reward relationships in new ventures, legal forms of businesses, roads to ownership and funding resources for new and existing ventures.

MN 250/350 Internship in Management (2-5 SH)

This course provides the opportunity for students to gain valuable experience by participating in an actual working environment in his or her own area of interest.

MN 260/360 Independent Study in Management (1-5 SH)

Students study topics of interest not offered as regular courses.

MN 170-79/270-79/370-79 Special Topics in Management (2-4 SH)

Courses in topics of special interest to faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

MARKETING (MK)

MK 203 Marketing Principles (4 SH)

Prerequisite: Sophomore standing

Introduction to marketing theories, principles and practices. Emphasis is on the role of marketing in the organization. Major topics include market segmentation, market targeting, product positioning and the marketing mix.

MK 317 Marketing Management (4 SH)

Prerequisite: MK 203, MT 107 or MT 109

An application of basic marketing theories and principles, this course focuses on the decision-making aspects of marketing management. Emphasis is on the critical analysis and solution of marketing problems. Students analyze marketing cases and develop a marketing plan for a product or organization.

MK 328 International Marketing (2 SH)

Prerequisite: Junior standing

This course is designed to introduce and examine some of the marketing problems peculiar to international environments from the managerial perspective and to aid students in developing an awareness of intercultural factors as they affect the business world.

MK 334 Consumer Behavior (4 SH)

Prerequisite: MK 203

An introduction to the theoretical foundations, models and research advances in consumer behavior. Both consumer and organizational buying behavior are covered. Psychological, sociological, anthropological and economic foundations of consumer behavior are investigated.

MK 335 Marketing Research (4 SH)

Prerequisite: MK 203, MN 215

This course is designed to give students both a theoretical and a practical foundation in marketing research. The focus of



the course is the research design process: objectives, design, methods, analyzing results, reporting and budget. Students design a major research study for a product or a company.

MK 394 Advertising and Public Relations (4 SH)

Prerequisite: MK 203

An examination of the four elements of the promotion mix: advertising, sales promotion, personal selling and publicity. Strategy formulation is emphasized with attention given to the relationship of promotion to the overall marketing strategy of an organization.

MK 250/350 Internship in Marketing (2-5 SH)

This course provides the opportunity for students to gain valuable experience by participating in an actual working environment in his or her own area of interest.

MK 260/360 Independent Study in Marketing (1-5 SH)

Students study topics of interest not offered as regular courses.

MK 170/270/370 Special Topics in Marketing (2-4 SH)

Courses in topics of special interest to faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

MATHEMATICS (MT)

MT 104 Basic Concepts of Algebra (4 SH)
Fall and Spring

Prerequisite: Placement

For students with a weak mathematics background: Intended to prepare students for MT 107 Applied College Algebra. This course covers the material from secondary school mathematics: Integers, rational numbers, exponents, order of operations, algebraic and rational expressions, ratio and proportions, operations on polynomials, solving and graphing simple equations, inequalities, Linear and quadratic equations. Students taking this course should have had two years of high school math including Algebra I. Placement is through the mathematics department. This course does not fulfill the mathematics graduation requirement.

MT 105 Theory of Mathematics for Education I (3 SH)

Prerequisite: Early Childhood Education or Intervention Specialist majors

A study of elementary school mathematics topics to promote a deep understanding in the areas of problem solving; set theory, history of numbers, number theory (whole, integers, rational and irrational numbers) and operations (addition, subtraction, multiplication, division); algebra and functions; students will learn to apply the technology. Students will become familiar with the National Council of Teachers of Mathematics (NCTM) resource Principles and Standards for School Mathematics.

MT 106 Geometry and Statistic for Education (3 SH)

Prerequisite: MT 105

A continuation of MT 105. Study of the central concepts and tools of inquiry of algebraic thinking, geometry and spatial sense (planar and 3 dimensional figures; transformation, symmetries, and tiling; and congruence and similarity), measurement (length, area, perimeter, volume, surface area), probability, statistics, and data analysis and finance. Students will become familiar with the National Council of Teachers of Mathematics (NCTM) resource Principles and Standards for School Mathematics.

MT 107 Applied College Algebra (4 SH)
Fall and Spring

Prerequisite: Placement or C or better in MT 104

This course deals with the fundamental mathematical tools frequently applied in social sciences, humanities, and fine arts. Selected portions of mathematics are chosen to develop an appreciation for the importance of mathematics in today's world. Mathematical concepts are approached through applications. Topics include exploration of equations, inequalities and their graphs, linear systems, matrices, linear programming of 2X2 systems, examination of rational and polynomial functions; exponential and logarithmic models; mathematics of consumer finance and amortization, and statistical central tendency and standard deviation and probability. The student should have had three years of high school math including knowledge of high school Algebra I, Algebra II, and Geometry. Placement in the class is through the mathematics department.

MT 109 Pre-Calculus I (4 SH)
Fall and Spring

Prerequisite: Placement or C or better in MT 107

A study of topics needed to prepare a student who plans to study science, business, statistics, middle school mathematics or calculus or needs to supplement their prior mathematics courses. The course includes polynomial functions, exponential and logarithmic functions, graphs, quadratic equations and inequalities and systems of equations. The student should have had four years of high school math including knowledge of high school Algebra I, Geometry, Algebra II, and Trigonometry. Placement in the class is through the mathematics department.

MT 110 Pre-Calculus II (4 SH)

Prerequisite: MT 109 or Placement

Exponential and logarithmic functions, the trigonometric functions, analytic trigonometry and topics in analytic geometry. For students who plan to study science, computers, middle school mathematics or calculus or need to supplement their prior mathematics courses. The student should have had four years of high school math including knowledge of high school Algebra I, Geometry, Algebra II, and Trigonometry. Placement in the class is through the mathematics department.



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MT 207 Probability and Statistics (4 SH) *Spring*

Prerequisite: C or better in MT 109, permission
An introduction to the basic concepts of probability and statistical inference. Topics generally include the laws of probability, sampling, the normal, the binomial and the chi-square distribution, estimation, hypothesis testing, simple linear regression and correlation.

MT 209 Discrete Mathematics (4 SH) *Spring of Even years*

Prerequisite: MT 210 or higher or permission of instructor
Discrete mathematics is an introduction to proofs and mathematical reasoning in the context of discrete mathematical structures. Topics include proof techniques, mathematical logic, set theory, relations, elementary function theory and the Division Algorithm.

MT 210 Calculus and Analytical Geometry I (5 SH) **Prerequisite:** MT 110 or placement

A study of elementary calculus with analytical geometry including the topics of integration, approximation, derivation of algebraic, logarithmic, exponential, trigonometric and inverse trigonometric functions with applications.

MT 211 Calculus and Analytical Geometry II (4 SH) **Prerequisite:** MT 210

A continuation of Calculus and Analytical Geometry I, including the fundamental theorems, polar coordinates, indeterminate forms, improper integrals, infinite series and more analytical geometry.

MT 213 Calculus and Analytical Geometry III (4 SH) **Prerequisite:** MT 211

A continuation of Calculus and Analytical Geometry II, including vectors and solid analytical geometry, partial differentiation, multiple integrals and line and surface integrals.

MT 300 Modern Geometry and Logic (4 SH) *Fall of Even Years*

Prerequisite: MT 109, MT 110 or permission of instructor
Logic section includes simple and compound statements, valid arguments and inductive and deductive reasoning. The geometry covers axiomatic foundations of Euclidean and Non-Euclidean geometries, finite geometry, transformations, congruence, formal proofs, tessellations, fractals and use of computer graphics technology.

MT 303 The History of Mathematics (4 SH) *Spring of Even Years*

Prerequisite: MT 109, or permission of instructor
A cross-cultural historical study of mathematics over the past centuries; the mathematical thoughts from ancient to modern times, women in mathematics, biographies of mathematicians and application of mathematics to science.

MT 309 Differential Equations (4 SH) *Fall of Even Years*

Prerequisite: MT 211 or higher, or permission of instructor
Solution of various types of differential equations with interpretations and applications.

MT 311 Intermediate Analysis I (4 SH) *Fall of Even Years*

Prerequisite: MT 211 and junior status, or permission
Introductions to the real-number system, sequences, convergence, continuity and limits of functions, series, differentiation and Riemann integration.

MT 323 Modern Linear Algebra (4 SH) *Spring of Odd Years*

Prerequisite: MT 210 or higher, or permission of instructor
This course covers systems of linear equations, matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors.

MT 324 Modern Abstract Algebra (4 SH) *Fall of Odd Years*

Prerequisite: MT 211 and junior standing, or permission
This course introduces the concepts for abstract algebra: equivalence relations, isomorphism, group theory, modulo, integer and number theory, rings, integral domains and field. There is an emphasis on proofs.

MT 401 Senior Research (2 SH)

Senior capstone course, researching an area of mathematics of their interest. May begin research spring of junior year.

MT 160/260/360/460 Individual Investigation in Mathematics (1-5 SH)

Supervised investigation of topics not offered as regular courses in the mathematics curriculum.

MT 170/270/370 Special Topics in Mathematics (2-4 SH)

A study of selected topics of interest to the student. Courses taught as special topics may include differential and integral equations, set theory, linear algebra, topology, number theory, complex variables, topics in computer science and topics of an interdisciplinary nature.

MULTI-NATIONAL STUDIES (MS)

MS 305 Immigration Law (4 SH)

This course will explore the historical, social and economic evolution of U.S. immigration policy and law. Students will gain an understanding of the current U.S. immigration laws and become familiar with many documents used by the Immigration and Naturalization Service.



MUSIC (MU)

MU 104 Introduction to the Art of Music (4 SH)

An aural examination of the musical elements of timbre, texture, rhythm, melody and harmony in musical styles from Gregorian Chant to the present.

MU 112 Conducting (1 SH)

Prerequisite: Eight hours of theory or permission of instructor
An introductory course on basic conducting techniques for instrumental and choral applications; including mechanics of movement, music interpretation, rehearsal techniques and performance practices.

MU 114 Practicum: Making Music (4 SH)

This course provides the instruction and studio equipment necessary to explore self-expression through the use of sound. Instruction assists in the basic process of making aesthetic choices of sound, as well as learning fundamental studio recording techniques. This course is designed primarily for the non-musician and does not require previous musical experience.

MU 140 Fundamentals of Music (4 SH)

The basic elements of music including notation, clefs, interval recognition, scale construction and key signatures.

MU 214 Practicum: Making Music II (4 SH)

Prerequisite: MU 114
Continued exploration for the non-musician into the art and craft of self-expression through sound. Slightly more sophisticated and longer compositions are encouraged. More attention is given to the critique of the works written for the class.

MU 220 Intermediate Theory and Aural Communication (4 SH)

Prerequisite: MU 140
A continuation of MU 140 including sight-singing, triadic harmony, chorale harmonization and keyboard harmony.

MU 221/222 Advanced Theory and Aural Communication I, II (4, 4 SH)

Prerequisite: MU 221
A two-semester course which is a continuation of MU 220 including sight-singing, chromaticism and use of non-harmonic tones, modulations, contemporary notational systems and twentieth century compositional practices, analysis of melodic shape and construction and the writing of small vocal and instrumental pieces in specified forms.

MU 304 History and Literature of Music I (4 SH)

The Medieval, Renaissance and the Baroque. History of music literature and styles of western music through 1750.

MU 305 History and Literature of Music II (4 SH)

The Classical and the Romantic Eras. The Viennese School

through the end of the nineteenth century.

MU 306 History and Literature of Music III (4 SH)

Music of the twentieth century. Nineteen hundred to the present.

MU 320 Theory: Counterpoint and Composition (4 SH)

Prerequisite: MU 222
Techniques of the sixteenth century. Analysis of polyphonic materials of the period; the canon and motet; the writing of voice and instrumental pieces in small forms.

MU 321 Theory: Orchestration (4 SH)

Prerequisite: MU 222
A study of the nature, range and use of the instruments of the modern orchestra; score-reading and interpretation. A study of the various techniques of orchestration both conventional and contemporary; practical application through the orchestrating of piano works.

MU 322 Composition (4 SH)

Prerequisite: MU 222
A study of the methods and materials of music composition through analysis of a wide stylistic range of music scores and the writing of original works for acoustic and/or electronic media.

MU 323 Advanced Composition (4 SH)

Prerequisite: MU 322
Advanced studies in the art of music composition, including analysis and interpretation of contemporary scores; the creation of new notational systems; and the writing of original works for acoustic and/or electronic media.

MU 400 Multidisciplinary Art and Digital Performance (4 SH)

Prerequisite: Junior or Senior Standing
This course explores experimental and traditional work of integrating digital technologies into visual, dance, music and theater performances. This includes working with digital projections, real-time processing of data (i.e. music data connected and controlling visual display or devices controlling instruments/sounds), sensors, motion tracking via software, and other emerging technologies. Reading about contemporary performances and art will be included, and we will work towards creating a performance/installation within this multidisciplinary course. Cross listed as AT 400, DN 400, IM 400, FA 400, TH 406.

MU 404, 405 Senior Project (4, 4 SH)

A major creative work in performance, composition, theory or history of music.

MU 250/350 Internship in Music (2-5 SH)

An opportunity for field studies under professional supervision during the academic year and summer. Open to all students with permission.



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MU 160/260/360 Individual Investigation in Music (2-4 SH)

Independent study relating to methods and problems of research in the area of history and literature of music.

MU 170-79/270-79/370-79 Special Topics in Music (2-4 SH)

Applied Courses.

MU 100 Class Instruction in Voice (1 SH)

For beginners only.

MU 103 Private Instruction in Flute (1 SH)

MU 105 Private Instruction in Piano (1 SH)

MU 106 Private Instruction in Voice (1 SH)

MU 107 Flute Choir (1 SH)

Prerequisite: Open to any student with some flute experience, beginner to advanced.

Flute Choir repertoire will be chosen from music of all eras that will be performed at one or more concerts per semester. Participation allows for non-credit. Open to the community-at-large.

MU 108 Choir (1 SH)

MU 110 Private Instruction in Other Instruments (1 SH)

MU 111 Private Instruction in Composition (1 SH)

Students in applied courses are expected to participate in regularly scheduled recitals and master classes.

Performance students may present a senior recital with their instructor's consent.

Applied music credit towards graduation will be limited to a total of nine (9) hours. Students may continue to take applied music, but credits in excess of nine will not be counted in the 128 hours needed for graduation.

PHILOSOPHY AND RELIGION (PR)

PR 101 Introduction to Philosophy (4 SH)

An examination of some classical philosophical problems, including the existence and nature of the external world, the existence and nature of God, the relationship between appearance and reality and the possibility of true knowledge.

PR 111 Issues in Western Culture (4 SH)

An introduction to the values, structures, conflicts, assumptions and tendencies that have characterized cultures in the West

during the past three thousand years. Such issues as human's relationship to Nature, the meaning of heroism and the relationship between man and woman will be explored in both classic and contemporary texts.

PR 238 World Religions (4 SH)

The course will introduce students to several of the world's major religious traditions, including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam. The course includes information about the founding figures, beliefs, rituals, concepts of the ultimate, social roles, moral codes and the histories of each respective tradition.

PHYSICAL EDUCATION (PE)

PE 110 First Aid and CPR Certification (2 SH)

At the completion of this course students will be First Aid and CPR certified. There is an additional course fee of \$35.00.

PE 200 Body Wellness (2 SH)

This course involves guided explorations in movement fundamentals, relaxation techniques, exercises to increase strength, flexibility, ease of motion and dynamic alignment. The class consists of discussions on wellness, such as nutrition and stress reduction. Students participate in warm-up, aerobic workout and cool down through stretching. No dance experience is required.

PE 216 Anatomical Kinesiology (3 SH)

The exploration of the primary bones, joints and muscle groups that participate in vertical alignment and efficient movement. Explorations proceed with exercises designed to locate the positions and to experience the motions of these groups in the initiation of effective posture and efficient movement. Students in dance, athletics and riding may find this course of interest.

PE 220 Pilates I: Balance, Strength and Shape (2 SH)

This course introduces the student to Pilates, an exercise-based system that aims to develop the body's center to create a stable core for efficient and effective movement. Students will be guided through a series of Pilates exercises intended to realign structure, improve balance and enhance motor skills. May be taken twice for academic credit. Cross-listed as DN 220.

PE 320 Pilates II: Balance, Strength and Shape (2 SH)

Prerequisite: DN 220 or PE 220

Study the fundamentals of Pilates mat work at the intermediate level. Emphasis is on strengthening the core muscles, increase body awareness and muscle tone, flexibility and coordination. May be taken twice for academic credit. Cross-listed as DN 320.



Team Sports

Members of intercollegiate sports teams learn to improve their skills and playing ability in respective sports. The intercollegiate sports include women's volleyball, women's and men's soccer, women's and men's basketball, women's softball, women's and men's golf, football, baseball, swim team, women's and men's track & field, women's and men's cross-country and women's and men's tennis. Only two semester credits from team sports may count toward degree completion. All team sports are graded pass/fail.

- PE 139 Swim Team (1 SH)
- PE 142 Men's Lacrosse Team (1 SH)
- PE 143 Women's Lacrosse Team (1 SH)
- PE 146 Men's Wrestling Team (1 SH)
- PE 147 Women's Soccer Team (1 SH)
- PE 148 Women's Volleyball Team (1 SH)
- PE 150 Men's Tennis Team (1 SH)
- PE 151 Women's Tennis Team (1 SH)
- PE 152 Women's Basketball Team (1 SH)
- PE 153 Men's Basketball Team (1 SH)
- PE 154 Men's Golf Team (1 SH)
- PE 155 Men's Soccer Team (1 SH)
- PE 156 Women's Softball Team (1 SH)
- PE 157 Men's Baseball (1 SH)
- PE 158 Women's Cross Country Team (1 SH)
- PE 159 Men's Cross Country Team (1 SH)
- PE 185 Men's Football (1 SH)
- PE 186 Women's Golf Team (1 SH)
- PE 187 Men's Track & Field Team (1 SH)
- PE 188 Women's Track & Field Team (1 SH)

PHYSICAL SCIENCE (PC)

PC 106 Introduction to Physical Science (3 SH)

Concurrent requisite: PC 106L

An overview of some fundamental scientific concepts and their application to the physical world. Topics from physics, chemistry and earth science are covered. Laboratory material included. For non-science majors.

PC 106L Introduction to Physical Science (1 SH)

Concurrent requisite: PC 106

Additional Lab Fee

Scheduled exercises and activities are designed to provide

the student with hands-on experience with selected topics from PC 106.

PC 201 General Physics I (3 SH)

Concurrent requisite: PC 201L

Prerequisite: MT 109 or higher, or permission of the instructor.

A study of classical mechanics including Newtonian dynamics, energy conservation and principles of oscillatory motion.

PC 201L General Physics I Lab (1 SH)

Concurrent requisite: PC 201

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from PC 201.

PC 202 General Physics II (3 SH)

Concurrent requisite: PC 202L

Prerequisite: PC 201 or permission of instructor

A study of the principles of electrostatics, electricity, magnetism and electromagnetic radiation.

PC 202L General Physics II Lab (1 SH)

Concurrent requisite: PC 202

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from PC 202.

PC 220 Physical Geology (3 SH)

Concurrent requisite: PC 220L

An introduction to the principles of physical geology through lectures, laboratory exercises and local field trips. Open to all students.

PC 220L Physical Geology Lab (1 SH)

Concurrent requisite: PC 220

Additional Lab Fee

Scheduled exercises and activities are designed to provide the student with hands-on experience with selected topics from PC 220.

PC 250/350 Internship in Physical Science (2-5 SH)

PC 160/260/360 Individual Investigation in Physical Science (2-4 SH)

PC 170-79/270-79/370-79 Special Topics in Physical Science (2-4 SH)

POLITICAL SCIENCE (PO)

PO 101 Introduction to Political Science (4 SH)

An introduction to the discipline of political science. The course focuses on the scope and nature of political science, the various



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subfields of the discipline and the basic political concepts, institutions and processes.

PO 110 American National Government (4 SH)

Centering on significant competing interpretations of the political system, the course is designed to develop an awareness of strategies of evidence and argument in the study of politics. Power relationships in the institutional settings of the Presidency, Congress and the Supreme Court; decision-making and influence in the American political system and political behavior. Cross-listed as HI 110.

PO 201 Introduction to Political Ideologies (4 SH)

An introductory examination of the competing ideologies that have dominated politics over the past century including liberalism, conservatism, democratic socialism, communism, anarchism and fascism. The course also explores several newer ideologies such as feminism, liberation theology, religious fundamentalism and environmentalism.

PO 202 Public Policy (4 SH)

An introduction to the policy-making process in the United States with an emphasis on the interactions among the various individual and institutional actors involved at all levels of government. The course explores theories of policy making, policy implementation and policy evaluation and focuses on several important policy areas including education, welfare, health care, civil rights, criminal justice, national defense and foreign policy.

PO 205 State and Local Government (4 SH)

An analysis of the organization, powers and processes of American state and local governments emphasizing their roles in policy determination and implementation and the major contemporary problems confronting them.

PO 208 America as a World Power (4 SH)

This course examines the evolution of American foreign policy from isolationism to regional and then global responsibilities. Themes include the increasing role of Presidents in setting policy and the clash between realism (national interest, usually as defined in military and economic terms) and idealism (transformative ideas like spreading democracy and nation-building and international cooperation in forums like the United Nations) in the making of U.S. foreign policy. Cross-listed as HI 208.

PO 212 Comparative Politics (4 SH)

A comparative study of the political processes in selected countries, as well as an introduction to systematic approaches and concepts to comparative politics.

PO 214 International Relations (4 SH)

An introduction to the key actors, concepts, theories, issues, and political dynamics that shape world politics. The course explores the nature of the international system, the ways

in which states and other global actors interact and the contemporary challenges facing the global community in the areas of peace and security, economics, human development and the environment.

PO 310 European Politics (4 SH)

A comparative analysis of political institutions, processes, and issues in selected European countries and the European Union. Topics include constitutional structures, legislative, executive and judicial processes, political party systems, electoral systems and domestic and foreign policies.

PO 311 Politics of Developing Countries (4 SH)

A comparative analysis of political institutions, processes and issues in selected countries of Africa, Asia, Latin America and the Middle East. Topics include constitutional structures, legislative, executive and judicial processes, political party systems, electoral systems, and domestic and foreign policies.

PO 320 Constitutional Law (4 SH)

A study of the scope of federal powers, separation of powers and the federal system, the Bill of Rights, due process and equal protection. Cross-listed as CJ 324 and LG 324.

PO 321 International Organization and Law (4 SH)

An examination of international organizations and international law in the global arena. The course explores the characteristics and functions of various international organizations, including the United Nations and its related agencies, and analyzes the evolution, scope and impact of international law. Emphasis will be placed on the role of international organizations and law as they relate to major issues including armed conflict, human rights, international trade and poverty.

PO 330 Legislative Process (4 SH)

An examination of the development and functioning of Congress and the legislative process. Topics include the powers and responsibilities of Congress, Congress' role in policy making, Congressional leadership and committees and Congress' relationship with the other branches of government, political parties, and interest groups.

PO 331 Judicial Process (4 SH)

An examination of the development and functions of the judicial system in the United States and the role of courts in the policy process. Topics include theories of law and jurisprudence, the structure of the judiciary, civil and criminal procedures, judicial selection and decision-making and the impact of courts on the legislative and executive branches. Cross-listed with CJ/LG-331.

PO 333 American Presidency (4 SH)

An examination of the development and functioning of the office of the presidency. Topics include the powers and responsibilities of the president, presidential elections, the president's impact on domestic and foreign policy and the president's relationship with



Congress, the bureaucracy and the American people.

PO 340 Political Parties and Interest Groups (4 SH)

An examination of the development, structure and function of political parties and interest groups in the United States. Special emphasis on the interrelationships between political parties and interest groups and governmental institutions, the policy process, public opinion, and voting behavior.

PO 341 Public Administration (4 SH)

An examination of the basic principles and practices of administration in the public sector. Topics include administrative structures and organizations, intergovernmental relations, models of organization and decision-making, budgeting and financial management, personnel administration, ethics and leadership and the implementation of public policy in the federal system.

PO 490 Senior Seminar (4 SH)

An intensive, senior-level investigation of a selected topic in the field of political science. The course involves reviewing past research, developing and executing a research agenda and writing a research paper.

PO 250/350 Internship (2-5 SH)

PO 160/260/360 Individual Investigation in Political Science (2-4 SH)

PO 170-79/270-79/370-79 Special Topics in Political Science (2-4 SH)

PRIOR LEARNING (PL)

PL 100 Prior Learning Portfolio Development (1 SH)

The goals of this course are to help students review their past experience to determine where significant learning has occurred, understand the difference between learning and experience and learn the skills necessary to prepare a prior learning portfolio.

PSYCHOLOGY (PS)

PS 101 General Psychology (4 SH)
Fall and Spring

An introductory course which utilizes a critical evaluation orientation to present the basic facts and principles from the various fields of psychology. This course is a prerequisite for all other psychology courses.

PS 204 Statistics (4 SH)
Fall

The student is exposed to basic descriptive and inferential statistics, emphasizing conceptual understanding.

PS 220 Child Psychology (4 SH)

Prerequisite: PS 101

Designed to assist the student in understanding the developing human being, focusing on how the child learns to adjust to the surrounding biosocial environment during approximately the first twelve years of life.

PS 221 Sport Psychology (4 SH)

Prerequisite: MN 200, SA 101

This course provides students with an introduction to the application of psychological principles to sport settings. Topics addressed in the course include motivation, leadership, anxiety management, teamwork, visualization, personality issues in sport and performance management. Cross-listed as SA 221.

PS 222 Psychology of Personality (4 SH)

Prerequisite: PS 101

The study of the nature of personality with emphasis on the application of theory to the understanding of human behavior.

PS 232 Social Psychology (4 SH)
Alternate Years

Prerequisite: PS 101

The study of the effects of social stimuli on the individual's thoughts, feelings and behavior. Topics include attitudes, group processes, interpersonal relations, perceptions, aggressions, altruism, social influence and environmental psychology.

PS 237 Human Sexuality (4 SH)
Alternate Years

Prerequisite: PS 101

An introduction to human sexual response, behavior, attitudes and values. Offered alternate years.

PS 305 Psychology of Learning (4 SH)
Alternate Years

Prerequisite: PS 101

Designed to introduce the student to the fundamental principles and theories of human and animal learning.

PS 311 Landmark Cases in Mental Health and the Law (4 SH)

The purpose of Landmark Cases in Mental Health and the Law is to introduce students to the major Supreme Court cases that have decided issues in mental health and related fields. This course will be a seminar in which students will read relevant case law in areas such as: competency to stand trial, criminal responsibility, expert testimony, civil commitment, right to treatment, right to refuse treatment, capital punishment, workplace violence, etc. Additional readings will be assigned as new cases are published. Cross-listed as CJ 311, LG 311.

PS 318 Personality Assessment (4 SH)

Prerequisite: PS 101, 329, PS 204 or permission of the instructor

An overview of psychological and educational tests, the theory,



COURSE DESCRIPTIONS cont.

design and the evaluation of the psychometric properties of tests as measurement tools.

PS 322 Adulthood and Aging (4 SH)

Prerequisite: PS 101

This course examines the processes and consequences of an increasingly aging population. It focuses on the U.S., but considers this phenomenon in other societies as well. Students will consider changes in the individual, social environment and institutions, including the growth of retirement communities, group differences, social services and social policies. Cross-listed as SS 322.

PS 324 Physiological Psychology (4 SH)

Prerequisite: PS 101

A study of the anatomical and physiological correlations between animal and human behavior.

PS 325 Research Methods (4 SH)

Fall

Prerequisite: PS 101, PS 204

An introduction to philosophical issues related to science, research design and the research report, with emphasis on the conduct of an experiment by the student in close collaboration with the instructor.

PS 327 Death Penalty in America (4 SH)

The Death Penalty in America is a course designed to introduce students to the legal, psychological and practical aspects of the death penalty. Emphasis will be placed on the landmark Supreme Court cases and the role that mental health experts play in death penalty litigation. There will be ample opportunity for discussion and debate. Cross-listed as CJ 327, LG 327.

PS 329 Abnormal Psychology (4 SH)

Prerequisite: PS 101 or permission of the instructor

A study of behavior pathology, presenting aberrant behavior as either a logical extension of learned adjustment mechanism in response to critical and extreme situations or a societal label for behaviors violating the public order.

PS 330 Juvenile Delinquency (4 SH)

This course will objectively present diverse views and perspectives of juvenile delinquency and its interdisciplinary nature. This course offers an introduction to the field of juvenile delinquency and explores the concepts, theories, social, community and environmental influences and the justice system, as they relate to juvenile crime. Cross-listed as CJ 330, SS 330.

PS 335 Introduction to Clinical Psychology (4 SH)

Prerequisite: PS 101, PS 222, PS 329

An overview of psychotherapeutic theory, diagnosis and intervention strategy.

PS 336 Cognitive Psychology (4 SH)

Alternate Years

Prerequisite: PS 101 and sophomore status.

Designed to examine the cognitive representation of information, problem-solving strategies, attention, perception, decision-making and language.

PS 345 Psychology and Law (4 SH)

Prerequisite: PS 101

This course examines the relationship between psychology and law. The structure of the course will be lectures, discussion, case presentations, debate and direct observation. Both academic and practical experiences will cover juries, civil commitment, violence prediction, competency, the insanity defense, eyewitness testimony and the death penalty. Cross-listed as CJ 345, LG 345.

PS 400 Psychology Research Seminar (4 SH)

Spring

Prerequisite: Psychology majors with junior or senior status or permission of the instructor; PS 204, PS 325

Students demonstrate advanced psychological knowledge and skills by conducting an original research project of their own design.

PS 250/350 Internship in Psychology (2-5 SH)

An opportunity for field studies under professional supervision during the academic year and summer. Open to all students with permission.

PS 160/260/360 Individual Investigation in Psychology (2-4 SH)

Readings and discussions in psychology in areas of the student's needs and interests. Open to all psychology majors or by permission. See psychology faculty member.

PS 170-79/270-79/370-79 Special Topics in Psychology (2-4 SH)

SOCIAL SCIENCES (SS)

SS 239 Death and Dying (4 SH)

An interdisciplinary course which brings together the writings of experts in a variety of fields dealing with the complex and sensitive topic of death and dying. Topics include the social and historical meanings of death in cultural context, changing personal attitudes, the personal experience related to grief and widowhood, as well as the moral dilemmas of suicide, euthanasia, abortion and the right to die.

SS 322 Adulthood and Aging (4 SH)

Prerequisite: Any introductory level social science course.

This course examines the processes and consequences of



an increasingly aging population. It focuses on the U.S., but considers this phenomenon in other societies as well. Students will consider changes in the individual, social environment and institutions, including the growth of retirement communities, group differences, social services and social policies. Cross-listed as PS 322.

SS 330 Juvenile Delinquency (4 SH)

This course will objectively present diverse views and perspectives of juvenile delinquency and its interdisciplinary nature. This course offers an introduction to the field of juvenile delinquency and explores the concepts, theories, social, community and environmental influences and the justice system, as they relate to juvenile crime. Cross-listed as CJ 330, PS 330.

SS 334 Methods of Field Research (4 SH)

Prerequisite: PS 204 recommended
This course focuses on the acquisition of skills in social research and their practical application. Students will be supervised in actual field research.

SOCIOLOGY (SO)

SO 111 Introduction to Sociology (4 SH)

A study of the interaction between the individual and the larger society. Topics include the nature of society, social conditions, social organization and social change. Projects take students into the field.

SO 112 Social Issues (4 SH)

A course dealing with current issues and social trends including topics in health, mass media, work and unemployment, women and ecology. Students also analyze dominant institutions that shape society.

SO 220 Sport Sociology (4 SH)

Prerequisite: MN 200, SA 101
This course provides students with an understanding of the social aspects of sport, with emphasis on the interrelationship of sport and society. Students will be encouraged to think critically on topics such as social values, education, religion, socialization, mass media, sexism and racism as they relate to the sports industry. Cross-listed as SA 220.

SO 225 Race, Ethnic and Minority Relations (4 SH)

The course focuses on prejudice, discrimination and institutional discrimination by examining their historical, political and economic bases. Emphasis is on structural conditions which promote various forms of intergroup contact, with an examination of the interaction and effects of ethnicity, gender and class.

SO 236 Marriage, Family and Alternative Lifestyles (4 SH)

This course examines various marital choices in their larger

social context. Topics include singlehood, ethnic families, cohabitation, single parent families, widowhood and processes within marriage. Academic research is combined with out of classroom assignments.

SO 338 Sociological Theory (4 SH)

Prerequisite: Minimum of two courses in sociology, history and/or political science
The study of critical analysts of society who established new visions of social life, social thought and sociology as an academic discipline. Theorists included are Marx, Weber, Durkheim and contemporary theorists.

SO 340 Health Care (4 SH)

Prerequisite: Any introductory level social science course.
The course examines medical care in the U.S. as a social institution within a social environment. Topics include the development and growth of health care as a powerful institution, the increasing role of corporations, the effects of ethnicity, gender and social class and social factors in illness and medical social work.

SO 345 Inequality (4 SH)

This course examines the classic questions concerning allocation of scarce and desired goods and privileges in society. Emphasis will be placed on how institutions reinforce inequality and how changes occur.

SO 348 Gender Roles (4 SH)

An analysis of the socialization process and social patterns that assign different expectations and behavior by sex. The effects of various institutions, including schools, mass media, politics, the labor market and the military will be examined.

SO 400 Senior Seminar (4 SH)

A course designed to integrate and enlarge upon work taken in various sociology courses. The content is developed in conjunction with the instructor and involves a major research project.

SO 250/350 Internship in Sociology (2-5 SH)

SO 160/260/360 Individual Investigation in Sociology (2-4 SH)

SO 170-79, 270-79, 370-79 Special Topics in Sociology (2-4 SH)

SPANISH (SP)

SP 101 Beginning Spanish I (4 SH)

This course is designed to emphasize listening, speaking, reading and writing. Grammatical structures; vocabulary and readings are presented as tools for developing communications skills. The course also aims to foster culture awareness of the Spanish-speaking world.



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SP 102 Beginning Spanish II (4 SH)

A continuation of Elementary Spanish I, the course focuses on the skills acquired in the first term, as students continue to develop their communicative language skills.

SP 201 Intermediate Spanish I (4 SH)

Prerequisite: SP 102 with a grade C- or better placement test.

The first half of the one-year sequence in Intermediate Spanish. The course includes a review of the basic language structures and introduces advance structures. The course has a strong cultural component through an interactive classroom atmosphere.

SP 202 Intermediate Spanish II (4 SH)

Prerequisite: SP 201 with a grade C- or better

This second half of the one-year sequence in Intermediate Spanish. The course includes a review of the basic language structures and introduces advance structures. The course has a strong cultural component through an interactive classroom atmosphere.

SP 220 Spanish Conversation and Composition (4 SH)

Prerequisite: SP 201 with a grade C- or better

The course is designed to develop skill and accuracy in spoken and written Spanish.

SP 225 Hispanic Culture and Civilization (4 SH)

Prerequisite: SP 202 with a grade C- or better, or interview.

This course, conducted in Spanish, is an introduction to the study of the social and cultural histories of Hispanic communities in Latin America, Spain and the United States. We will discuss main cultural issues regarding gender, politics and economics in contemporary global society.

SP 300 Spanish Translation (4 SH)

Prerequisite: SP 102 or permission of the instructor

This course focuses on the assessment and translation of a variety of texts, including business documents, newspaper articles on current issues and literary texts. Oral presentations of student work are emphasized.

SP 301 Spanish Culture for the Professional Environment (4 SH)

This course serves as an introduction to the professional culture of Hispanic countries and societies. Students will prepare for a successful professional experience abroad or in a multinational organization in the U.S. Topics and learning outcomes will include: creating a resume or curriculum vita in the second language, proficiency in basic professional correspondence, familiarity with different types of enterprises, organizational structures, marketing, banking and finance, accounting, the employment market, insurance, daily activities in an office, economics, transportation, information technology applications, etiquette in a variety of professional situations, shipping and customs, etc. Interactive work with visual media and IT

applications is emphasized, and the course will be taught primarily in the target language.

SP 320 Introduction to Spanish Literature (4 SH)

Prerequisite: One 100-course with a grade C- or better or permission of the instructor.

This course, conducted in Spanish, will provide an overview of Spanish literature terms and concepts through literary texts. This course analyses contemporary literary genres such as novel, poetry, theatre and short story.

SP 330 Spanish American Cinema (4 SH)

Prerequisite: One 200-level course in Spanish.

This course provides a survey of Spanish-American cinema which connects visual arts and cultural trends.

SP 335 Spanish Art and Architecture (4 SH)

Prerequisite: One 200-level course in Spanish.

This course is an introduction to the twentieth and twenty-first centuries art practices and theories in the Spanish speaking world. The emphasis will be given to the relationship between art, history and modernity.

SP 338/339 Readings in Spanish Literature and Culture (4, 4 SH)

An introduction to a variety of texts and their discussion in Spanish. Interactive oral exercises to build student fluency are emphasized. Offered on campus and at centers abroad.

SP 340 Language and Study Abroad (4 SH)

Prerequisite: SP 102 with a grade C- or better

This class is taught in the context of the language study abroad program. It provides cultural and language skills while travelling abroad. The course deals with contemporary major political, social, economical and cultural issues of the country visited.

SP 410 Spanish American Literature (4 SH)

Prerequisite: One 200-level course in Spanish or permission of the instructor.

This course provides a survey of Spanish American Literature. Particular attention will be given to the twenty-first century and the interstices between literature and social change. This is a course in which students will develop a critical thinking and writing.

SP 411 Readings in Spanish Literature and Culture (4 SH)

Prerequisite: One 200-level course in Spanish or permission of the instructor.

This course focuses on a particular literary figure or topic of the Hispanic cultures. The materials cover during this class will allow interdisciplinary approaches. Students will be responsible for an intensive research and writing work.

SP 490 Senior Research Project (4 SH)

Students preparing a thesis take this course in their final semester



of the year they are schedule to graduate. The course will cover development of a written proposal in consultation with the faculty member of the student's choice, weekly meetings with the thesis advisor to assess progress, develop thesis focus and explore challenges and issues of research methods. Submission of the thesis to the advisor in the penultimate week of classes is required.

SP 250/350 Internship in Spanish (2-5 SH)

The department assists students in arranging internship opportunities with multinational companies both in the U.S. and abroad. Students may take internships during the semester as well as during the summer.

SP 260/360 Independent Studies in Spanish (2-4 SH)

Independent studies are available beyond the 107 level by agreement with the instructor

SP 170-79/270-79/370-79 Special Topics in Spanish (2-4 SH)

Recent special topics courses have been taught on authors and periods of particular interest to students.

SPORT MANAGEMENT (SA)

SA 101 Introduction to Sport Management (4 SH)

This course is an introduction to the field of sport management. Functions of management, skills and attributes required to be a sport manager are discussed. Attention is focused on how the managerial process relates to sport organizations and their products.

SA 203 Sport Marketing and Communications (4 SH)

Prerequisite: MN 200, SA 101

A study of basic marketing and media concepts as they specifically relate to sports programs and organizations. Topics include promotions and public relations, sports consumer behavior, market analysis, marketing information management, marketing plans, sports journalism, broadcast communications and sponsorship.

SA 204 Sports Communication (4 SH)

Prerequisite: MN 200, SA 101

Sport has been described as "one of the most pervasive social institutions in the United States" and its importance can easily be seen in terms of hours news coverage, personal conversations, economic contributions, participant involvement, etc. This course focuses on how the communication of sports influences perceptions of social reality and individual and group identity. Our understanding of various communication concepts and research techniques will be built through the discussions and applications of the assigned reserved readings. Cross-listed as CM 204.

SA 205 Sports Facility Planning, Operations and Management (4 SH)

Prerequisite: MN 200, SA 101

This course explores the management function as it relates to the operation of sports and recreation facilities, including public and private venues, non-profit and scholastic facilities, as well as aspects relative to larger arenas. The course explores the issues of security, risk evaluation and management and specific issues relevant to management of operations in a sports facility.

SA 220 Sport Sociology (4 SH)

Prerequisite: MN 200, SA 101

This course provides students with an understanding of the social aspects of sport, with emphasis on the interrelationship of sport and society. Students will be encouraged to think critically on topics such as social values, education, religion, socialization, mass media, sexism and racism as they relate to the sports industry. Cross-listed as SO 220.

SA 221 Sport Psychology (4 SH)

Prerequisite: MN 200, SA 101

This course provides students with an introduction to the application of psychological principles to sport settings. Topics addressed in the course include motivation, leadership, anxiety management, teamwork, visualization, personality issues in sport and performance management. Cross-listed as PS 221.

SA 305 Management Issues in the Sports Industry (4 SH)

Prerequisite: MN 200, SA 101

Examines management issues as they relate to sports departments and organizations. Topics include league operations, governance, the role and impact of the media, labor/management issues, licensing, financing, resource planning, strategy, scheduling, program development and sponsorship. At the collegiate level, topics will include an overview of the organizational structure of the intercollegiate athletic department, conferences, Title IX/gender equity and the NCAA.

SA 311 Sports Events, Promotion and Sales Management (4 SH)

Prerequisite: MN 200, SA 101

This course is designed to provide students with the theory, the conceptual framework and the practices associated with organization, promotion and sales associated with sporting events and associated products. Content includes rationale and benefits of promotion and sales, sponsorship proposals, licensing programs and solicitation of sponsors.

SA 315 Legal Issues in Sports (4 SH)

Prerequisite: SA 101, MN 200

A presentation of the basic legal issues and interpretation of the law as it applies to sports and recreation. Topics include contracts, torts, regulation of sports, legal terminology and legal principles as applied to the administration and management of sports programs. Emphasis is on identifying and analyzing legal issues,



COURSE DESCRIPTIONS cont.

the implications of those issues and the options for limiting the liability of sports organizations.

SA 320 Leadership in Sports (4 SH)

Prerequisite: MN 200, SA 101

An in-depth look at management and leadership theories and practices as they relate to sport organizations. Leadership styles, traits, philosophies and the ability to be an effective leader in different situations are examined. The course will also focus on the process of recruiting, developing, motivating and evaluating personnel and their impact on sport leadership.

SA 321 Sports in Education (4 SH)

Prerequisite: MN 200, SA 101

This course focuses on organizational structures, administrative techniques and the legal considerations in high school and college/university settings. Topics covered include governing bodies in local, state and national institutions, risk management, program development and facility planning as applicable to educational settings.

SA 328 International Sport Administration (4 SH)

Prerequisite: MN 200, SA 101

This course develops a framework for understanding the international aspects of sport management by analyzing the impact of globalization on the sport industry. Students will be introduced to the managerial, human resource and cultural differences that effect international sport managers. International governance organizations, structures and strategies are also examined.

SA 250/350 Internship in Sport Management (2-5 SH)

This course provides the opportunity for students to gain valuable experience by participating in an actual working environment in his or her own area of interest.

SA 170-79/270-79/370-79 Special Topics in Sport Management (2-4 SH)

Courses in topics of special interest of faculty members and students are offered from time to time. For complete course descriptions, students are directed to the schedule of classes, available in the Registrar's Office.

THEATER (TH)

TH 104 Introduction to Theater (4 SH)

An overview of theater in theory and practice including an introduction to dramatic forms, performance and technical theater. Students will be involved in several short studio productions as part of the course.

TH 106 Acting I (4 SH)

A studio course in basic acting skills which prepares the student for eventual work on dramatic scenes and plays. The course introduces

the student to the major principles of Konstantin Stanislavski's work on acting technique, utilizing exercises in physical action, given circumstances, imagination, attention, communion, sense of truth, scene analysis, tempo-rhythm and emotion memory.

TH 107 Introduction to Technical Theatre (4 SH)

This course examines working in the theatre space by introducing students to tools, stage equipment, use of hardware, knowledge of materials, lighting, safety and current technology as it applies to creating a theatrical production.

TH 108 Performance Theory and Analysis (4 SH)

Prerequisite: TH 104

An introduction to some of the major theoretical models and tools for analysis of the theatrical event. This course is designed to prepare the student to look at a theatrical event from different critical perspectives and to think, speak and write about such events within a coherent theoretical framework. The course will include study of the writings of Aristotle, Stanislavski and Brecht, among others and will explore the cross-influence of anthropology, psychology, literary theory and biology with theatrical art. The application of theory will be studied in practical in-class performance.

TH 201 History of the Theatre I (4 SH)

This course examines theater practices from the Greeks through the Renaissance, through the exploration of scripts, physical structures, conventions and biographies. The relationship between the theater and the society of the time is discussed.

TH 202 History of the Theatre II (4 SH)

The continuation of TH 201, covering theater practices to the early twentieth century. These two courses need not be taken in sequence.

TH 203 Theatrical Makeup (4 SH)

Theatrical stage makeup for the performer. The course is devoted to character analysis, application and design, through the skills and principles of applying makeup and adapting designs to fit the facial structure.

TH 206 Acting II (4 SH)

Prerequisite: TH 106

A studio course in scene study and performance. Through rehearsal and in-class performance of scenes selected from dramatic literature, students will learn how to apply basic acting skills to practical performance situations. Special emphasis is placed on practical analysis of a dramatic scene for its acting values and the actor's technical approach to giving the scene creative life.

TH 207 Dramatic Literature I (4 SH)

Prerequisite: TH 108 or EN 140.

A survey of some of the major dramatic works in world literature, from ancient Greece through the Renaissance. This seminar



course includes reading, intensive group discussion and critical writing about theatrical play scripts.

TH 208 Dramatic Literature II (4 SH)

Prerequisite: TH 207
A continuation of Dramatic Literature I, this course surveys some of the major dramatic works in world literature, from the Renaissance through the present day. This seminar course includes reading, intensive group discussion and critical writing about theatrical play scripts.

TH 210 Physical Training and Performance Techniques (4 SH)

Prerequisite: TH 108
A studio course in preparing the performer's body for work in the theatre. The course will introduce the student to the tools of amplification, equilibrium, opposition and physical characterization. The student will learn a variety of exercises from different training methods, such as Michael Chekhov technique, Meyerhold's biomechanics and the Polish Laboratory Theatre's plastique exercises, as well as a variety of performance techniques, such as clowning and tumbling.

TH 211 Vocal Training and Performance Techniques (4 SH)

Prerequisite: TH 108
A studio course in preparing the performer's voice for work in the theatre. The course will introduce the student to training methods which expand the range and subtext and vocal resonators.

TH 220 Stagecraft (4 SH)

Prerequisite: TH107 or permission of the instructor
The course explores methods, techniques and theories based on the principles and practical conventions of set construction, drafting interpretation for prop and scenery design and scenic painting.

TH 304 Scenic Design (4 SH)

Prerequisite: TH 107
The basic principles of scene design are examined through script analysis as it related to ground plan formulation in theatrical spaces. Drafting, perspective drawing, rendering skills, set construction and scenic painting are explored as tools for creating and developing a theatrical scenic design concept.

TH 308 Directing (4 SH)

Prerequisite: Permission of the instructor
A study of the elements and techniques employed to project the values inherent in a play. Presentation of act plays.

TH 315 Lighting Design (4 SH)

This course is designed to teach the fundamentals of theatrical lighting utilizing both theoretical and practical approaches.

TH 316 Playwriting (4 SH)

Prerequisite: Competence in written English and one course in dramatic literature or theater history or permission of the instructor
A skills and information course in writing for the stage. Practical consideration of how the playwright controls plot, characterization and language to reveal thought is examined through creative exercises in writing in the dramatic form.

TH 319 Costume Design (4 SH)

Prerequisite: One course in theater history or dramatic literature or permission of the instructor
A study of the history of dress and how it is modified and adapted to serve dramatic purpose on stage. Includes practical aspects of costume construction.

TH 404,405 Senior Project (4, 4 SH)

The Senior Project is the final project for B.F.A. candidates and is the culmination of the student's work in the chosen area.

TH 406 Multidisciplinary Art and Digital Performance (4 SH)

Prerequisite: Junior or Senior Standing
This course explores experimental and traditional work of integrating digital technologies into visual, dance, music and theater performances. This includes working with digital projections, real-time processing of data (i.e. music data connected and controlling visual display or devices controlling instruments/sounds), sensors, motion tracking via software, and other emerging technologies. Reading about contemporary performances and art will be included, and we will work towards creating a performance/installation within this multidisciplinary course. Cross listed as AT 400, DN 400, FA 400, IM 400, MU 400.

TH 100/200/300/400 Theatre Practicum I, II, III, IV (1 SH each)

Prerequisite: Theatre concentration students only or permission of the instructor
Participation in main stage theatre productions in the areas of acting, technical operations, stage management, running crew, etc.

TH 250/350 Internship in Theatre (2-5 SH)

An opportunity for field studies under professional supervision during the academic year and summer. Open to all students with permission.

TH 160/260/360 Individual Investigation in Theatre (2-4 SH)

A conference course dealing with individual intensive work in the following categories: playwriting, acting, directing, historical research, design, speech and film. Permission of the instructor is required. May be repeated



COURSE DESCRIPTIONS cont.



**TH 170-79/270-79/370-79 Special Topics
in Theatre (2-4 SH)**

Theatrical topics of an advanced or specialized nature not covered in the regular course program are occasionally offered. Recent offerings have included African Theater, History of Musical Theater and Advanced Stage Lighting.





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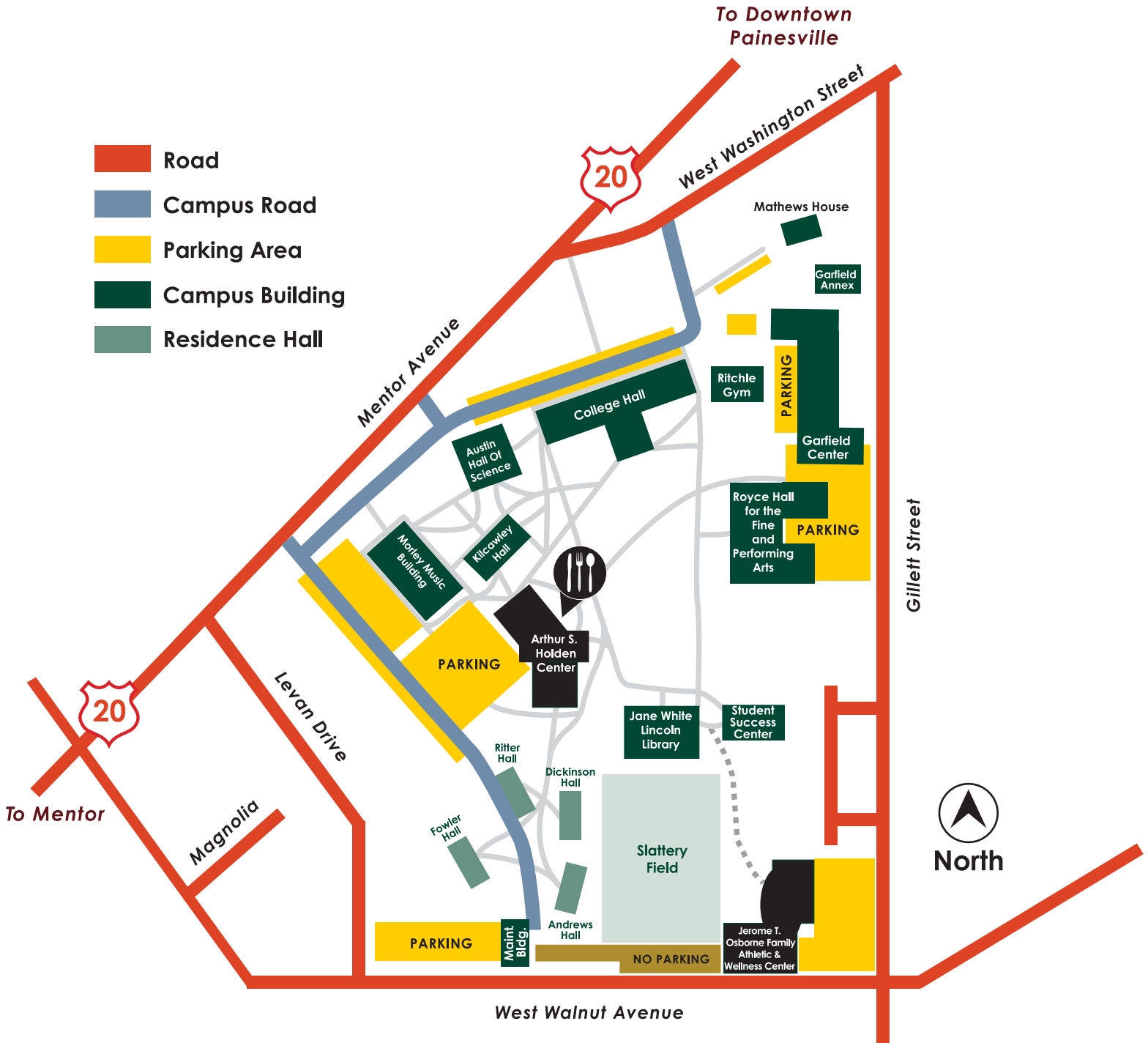
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-  Residence Hall



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