



NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): University of Central Missouri

Program Title: BSBA Risk Management and Insurance

Degree/Certificate: Bachelor of Science in Business Administration Degree

Options: N/A

Delivery Site(s): University of Central Missouri – main campus

CIP Classification: 521701

*CIP code can be cross-referenced with programs offered in your region on MDHE's program inventory highered.mo.gov/ProgramInventory/search.jsp

Implementation Date: Spring 2018

Cooperative Partners: N/A

*If this is a collaborative program, form CL must be included with this proposal

AUTHORIZATION:

Kim Andrews/Vice Provost

05/12/2017

Name/Title of Institutional Officer

Signature

Date

Jose Mercado

660-543-8650

Person to Contact for More Information

Telephone

University of Central Missouri

New Program: Risk Management and Insurance (RMI)

Rationale for New Program

According to a recent report by the Mid-America Regional Council, the location quotient for the Finance and Insurance industry is well above one, which makes this area unique for this industry, and it gives Kansas City a competitive edge. The location quotient is calculated by comparing the number of jobs in a particular industry to total jobs in the region and nation. Then, the regional percentage is divided by the national percentage. Thus, there is a higher concentration of these types of positions in the Kansas City metropolitan area, which indicates a need for access to education in Risk Management and Insurance.

During the Spring 2016 semester, the School of Business organized a focus group meeting with executives from insurance companies operating in Kansas and Missouri. The following comments from the participants highlight the need to create an RMI program:

- Our company will hire a large number of RMI people in the next 5-7 years
- Our company is struggling to hire people in this area
- It is difficult to find people with the skills necessary to understand this business
- A huge percent of talent is going to retire in the near future
- Future demand within insurance is going to be phenomenal

This Risk Management and Insurance program will be an excellent complement to the other BSBA programs offered by the Harmon College of Business and Professional Studies (HCBPS), as demonstrated by the number of courses used as electives from those programs. At UCM, students earn a valuable degree that makes them top competitors as they enter the job market. This RMI program will provide its majors the skills and knowledge necessary to compete and succeed in a stimulating and lucrative field.



STUDENT ENROLLMENT PROJECTIONS

Year	1	2	3	4	5
Full Time	10	20	30	40	50
Part Time					
Total	10	20	30	40	50

Please provide a rationale regarding how student enrollment projections were calculated:

Enrollment projections are based on comments made by a group of executives from insurance companies operating in Kansas and Missouri, during a focus group meeting organized by UCM School of Business in the spring of 2016. The participants emphasized the need to create a Risk Management and Insurance program due to the difficulty of finding people with the skills necessary to understand the insurance business, and the expectation that a large percent of talent in this industry will retire in the next 5-7 years.

Provide a rationale for proposing this program, including **evidence of market demand and societal need supported by research:**

The Risk Management and Insurance program at UCM will provide its majors the skills and knowledge necessary to compete and succeed in a stimulating and lucrative field. According to a recent report by the Mid-America Regional Council, the location quotient for the finance and insurance industry is well above one, which makes the Kansas City area unique for this industry. The location quotient is calculated by comparing the number of jobs in a particular industry to total jobs in the region and nation. Then, the regional percentage is divided by the national percentage.



According to the National Association of Colleges and Employers' (NACE) Job Outlook 2017, the top three bachelor's degrees in demand for the Class of 2017 are finance (finance, insurance, and real estate), accounting, and business administration/management:

Top Degrees in Demand (Bachelor's degree level)		
Major	# Respondents that will hire	% of Total Respondents that will hire
Finance (including Insurance)	87	60.4%
Accounting	86	59.7%
Business Administration/Mgt	86	59.7%
Computer Science	73	50.7%
Mechanical Engineering	70	48.6%

University of Central Missouri

New Program: Risk Management and Insurance (RMI)

Evidence of Market Demand/Societal Need

The Risk Management and Insurance program at UCM will provide its majors the skills and knowledge necessary to compete and succeed in a stimulating and lucrative field. According to a recent report by the Mid-America Regional Council, the location quotient for the finance and insurance industry is well above one, which makes the Kansas City area unique for this industry. The location quotient is calculated by comparing the number of jobs in a particular industry to total jobs in the region and nation. Then, the regional percentage is divided by the national percentage. Thus, there is a higher concentration of these types of positions in the Kansas City metropolitan area, which indicates a need for access to education in Risk Management and Insurance.

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Finance (including Insurance)	87	60.4%
Accounting	86	59.7%
Business Administration/Mgt	86	59.7%
Computer Science	73	50.7%
Mechanical Engineering	70	48.6%



PROGRAM DUPLICATION

There is only one other Risk Management and Insurance degree program offered in the state. Missouri State University offers a BS degree. The University of Missouri at Columbia offers a one semester certificate. Given demand in the Kansas City area, we do not expect duplication to be an issue.



PROGRAM STRUCTURE

A. Total credits required for graduation: 120

B. Residency requirements, if any: All UCM Residency requirements are applicable. There are no program specific residency requirements

C. General education: Total credits: 43

Courses (specific courses OR distribution area and credits):

Course Number	Credits	Course Title
ENGL 1020	3	Composition I
ENGL 1030 or CTE 3060	3	Composition II or Technical Writing
CIS 1600	3	Business Information Management
COMM 1000 or COMM 1050	3	Public Speaking or Fundamental of Oral Communication
MATH 1111	3	College Algebra
ECON 1010	3	Principles of Macroeconomics
Knowledge Area I	9	Literature, Fine Arts, and additional course for Knowledge Area I
Knowledge Area II	7	Science with Laboratory and additional course for Knowledge Area II
Knowledge Area III	6	History and additional course for Knowledge Area III
Engagement	3	Individual and Social Responsibility ⁷²

D. Major requirements: Total credits: 72

Course Number	Credits	Course Title
ACCT 2101	3	Principles of Financial Accounting
ACCT 2102	3	Principles of Managerial Accounting
BLAW 2720	3	Legal Environment of Business
CIS 3630	3	Management Information Systems
ECON 1011	3	Principles of Microeconomics
FIN 2801	3	Business Statistics I
FIN 3801	3	Business Statistics II
FIN 3850	3	Principles of Finance
MKT 3405	3	Marketing Policy
MGT 3315	3	Management of Organizations
MGT 3325	3	Business Communications
MGT 3360	3	Supply Chain & Operations Management
MGT 4357	3	Organizational Policy & Strategy
RMI 3803	3	Principles of Insurance
RMI 3835	3	Internship in Insurance

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RMI 4802	3	Life and Health Insurance
RMI 4803	3	Property and Casualty Insurance
RMI 4804	3	Employee Benefits & Retirement Planning
RMI 4850	3	Corporate Risk Management
RMI Electives	15	ECON, FIN, or MKT courses

E. Free elective credits:

5

(Sum of C, D, and E should equal A.)

F. Requirements for thesis, internship or other capstone experience:

There is no thesis requirement. Students in this major must complete a minimum of 3 credit hours of internship experience, as RMI 3835, internship in insurance, is a required course for this program. MGT 4357 is the BSBA capstone for all business majors.

G. Any unique features such as interdepartmental cooperation:

This new program will use existing courses from four different departments in the School of Business: Computer Information Systems & Analytics, Economics and Finance and the School of Accountancy, Management, and Marketing and Public Relations.



PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Institution Name University of Central Missouri
Program Name BSBA in Risk Management and Insurance
Date May 22, 2017

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

1. Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.
As a BSBA degree program, RMI students will be required to meet the separate admission criteria for business programs. See the admission requirement information in Appendix 1.
- Characteristics of a specific population to be served, if applicable.
The Risk Management and Insurance major is a business program that will prepare students for employment by corporations and government agencies that identify and analyze loss exposure, and engage in the transfer and management of insurance risks. The BSBA in Risk Management and Insurance will also support students who envision continued education with an MBA. A BSBA from a AACSB-accredited school affords multiple career tracks and greater potential for specialization beyond risk management and insurance.

2. Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.
Regular full-time tenure track faculty will be preferred to hold a doctorate in a business discipline, and work experience and/or research interest in risk management and insurance. Faculty members teaching insurance courses bring diverse training and work experiences to the classroom, and are actively engaged in business research applicable to a wide variety of business settings. See Appendix 3 attachment for information on institutional characteristics demonstrating why UCM is particularly well equipped to support the proposed BSBA in Risk Management and Insurance.

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- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here. Full time faculty are expected to teach all classes in this major. This proposed major will include general education courses, BSBA prerequisites, BSBA core, major and free electives, and six courses in risk management and insurance. The courses in this program will be taught by regular full time faculty.
- Expectations for professional activities, special student contact, teaching/learning innovation. Faculty members are expected to advise students about internships and career opportunities in risk management and insurance. Faculty members are expected to continue to improve their learning/teaching skills. Faculty members will continue reviewing course and program outcomes on a regular basis to ensure the outcomes meet the needs of the profession.

3. Enrollment Projections

- Student FTE majoring in program by the end of five years.
We expect 50 majors in this program by the end of five years.
- Percent of full time and part time enrollment by the end of five years.
We expect full time enrollment of 50 students by the end of five years.

4. Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.
We expect 10 graduates at the end of four years, and 20 graduates at the end of five years.
- Special skills specific to the program.
Learning Outcomes: 1. Mastery of all core business knowledge, skills and aptitudes required in the Bachelor of Science in Business Administration (BSBA) program 2. Demonstration of working knowledge of risk management process 3. Demonstration of working knowledge of insurance industry 4. Understanding of different insurance contracts to manage risks.
- Proportion of students who will achieve licensing, certification, or registration.
N/A
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education

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and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.

See Appendix 2

- Placement rates in related fields, in other fields, unemployed.
UCM Career Services placement rate is in excess of 90%. There is a very positive outlook for a degree in risk management and insurance, as corporations expect a large percent of talent to retire in the near future. According to the National Association of Colleges and Employers' (NACE) Job Outlook 2017, the top three bachelor's degree in demand for the Class of 2017 are finance (finance, insurance, and real estate), accounting, and business administration/management (www.naceweb.org/surveys/job-outlook.aspx). See Appendix 3 for additional information about employment prospects for risk management and insurance majors.
- Transfer rates, continuous study.
N/A

5. Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. **If there are no plans to seek specialized accreditation, please provide a rationale.**

The current BSBA programs in the UCM Harmon College of Business and Professional Studies are accredited by the AACSB. Approval of the Risk Management and Insurance program at UCM will include the program on the list of BSBA programs at UCM that are AACSB accredited.

6. Alumni and Employer Survey

- Expected satisfaction rates for alumni, *including timing and method of surveys*.
UCM School of Business Administration, as part of the AACSB's Continuous Improvement Review process of accreditation, conducts an alumni survey every 5 years. This proposed Risk Management and Insurance program would automatically be included in the survey.
- Expected satisfaction rates for employers, including timing and method of surveys.
The Risk Management and Insurance program will require 3 credit hours of internship experience, as students will have to enroll in RMI 3835, internship in insurance. All employers for UCM interns are required to complete a satisfactory survey. This will provide regular feedback on the program and students which will be available and utilized immediately.

7. Institutional Characteristics

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- Characteristics demonstrating why your institution is particularly well-equipped to support the program.
See Appendix 3

New Program Proposal

Risk Management and Insurance, Bachelor of Science in Business Administration

Introduction

The Risk Management and Insurance (RMI) major is a business program that will prepare students for employment by corporations and government agencies that identify and analyze loss exposure, and engage in the transfer and management of insurance risks.

This program will require the creation of four new courses (12 hours), and it will use existing courses for all of the remaining 108-credit hours. The program will include UCM General Education courses, BSBA prerequisites, BSBA core, major and free electives, and six courses in risk management and insurance.

Justification

During the Spring 2016 semester, the School of Business organized a focus group meeting with executives from insurance companies operating in Kansas and Missouri. The following comments from the participants highlight the need to create an RMI program:

- Our company will hire a large number of RMI people in the next 5-7 years
- Our company is struggling to hire people in this area
- It is difficult to find people with the skills necessary to understand this business
- A huge percent of talent is going to retire in the near future
- Future demand within insurance is going to be phenomenal

This Risk Management and Insurance program will be an excellent complement to the other BSBA programs offered by the Harmon College of Business and Professional Studies (HCBPS), as demonstrated by the number of courses used as electives from those programs.

At UCM, students earn a valuable degree that makes them top competitors as they enter the job market. This RMI program will provide its majors the skills and knowledge necessary to compete and succeed in a stimulating and lucrative field.

According to a recent report by the Mid-America Regional Council, the location quotient for the Finance and Insurance industry is well above one, which makes this area unique for this industry, and it gives Kansas City a competitive edge. The location quotient is calculated by comparing the number of jobs in a particular industry to total jobs in the region and nation. Then, the regional percentage is divided by the national percentage.

Accreditation

The current BSBA programs in the UCM HCBPS are accredited by the AACSB. Approval of this program at UCM will include the program on the list of BSBA programs at UCM that are AACSB accredited.

Market demand and job outlook

According to the National Association of Colleges and Employers' (NACE) Job Outlook 2017, (<https://www.nacweb.org/surveys/job-outlook.aspx>):

The top three bachelor's degrees in demand for the Class of 2017 are finance (finance, insurance, and real estate), accounting, and business administration/management.

Top Degrees in Demand (Bachelor's degree level)		
Major	# of Respondents that will hire	% of Total Respondents that will hire
Finance (+ Insurance & RE)	87	60.4%
Accounting	86	59.7%
Business Admin/Mgt	86	59.7%
Computer Science	73	50.7%
Mechanical Engineering	70	48.6%

Also, the most recent NACE salary survey (Spring 2016) shows the average salary of a graduate in a specific major. This information is particularly helpful in examining the starting salaries of insurance majors:

Academic Major	# of Salaries	Mean	25 th Percentile	Median	75 th Percentile
Insurance	109	\$54,230	\$52,500	\$57,535	\$57,535

Enrollment Projection

This new program will use existing BSBA preadmission and core classes. All these courses have available capacity in their courses. First year enrollment is projected to be at 10, Second year at 20, and the third year at 30.

Proposed major in Risk Management and Insurance Catalog Entry

Risk Management and Insurance

Major, Bachelor of Science in Business Administration Degree

Learning Outcomes

- Mastery of all core business knowledge, skills and aptitudes required in the Bachelor of Science in Business Administration (BSBA) program
- Demonstration of working knowledge of risk management process
- Demonstration of working knowledge of insurance industry
- Understanding of different insurance contracts to manage risks

	Sem Hours
Major Requirements.....	72
Major core courses	57
*ACCT 2101 Principles of Financial Accounting	3
*ACCT 2102 Principles of Managerial Accounting	3
*BLAW 2720 Legal Environment of Business	3
CIS 3630 Management Information Systems	3
*ECON 1011 Principles of Microeconomics	3
*FIN 2801 Business Statistics I	3
FIN 3801 Business Statistics II	3
FIN 3850 Principles of Finance	3
MKT 3405 Marketing Policy	3
MGT 3315 Management of Organizations	3
MGT 3325 Business Communications	3
MGT 3360 Supply Chain & Operations Management	3
¹⁰ MGT 4357 Organizational Policy & Strategy	3
RMI 3803 Principles of Insurance	3
RMI 3835 Internship in Insurance	3
RMI 4802 Life and Health Insurance	3
RMI 4803 Property and Casualty Insurance	3
RMI 4804 Employee Benefits & Retirement Planning	3
RMI 4850 Corporate Risk Management	3
Electives from the following.....	15
ECON 4085 Predictive Analytics	3
FIN 3861 Financial Management I	3
FIN 3881 Financial Institutions and Markets	3
FIN 3891 Security Analysis	3
FIN 3893 Credit and Financial Statement Analysis	3

FIN 4817	Managing Financial Derivatives	3
MKT 3430	Professional Sales	3

Up to three hours may be upper level (3000-4000) business electives.

General Education Requirements.....43

All students must complete a minimum of 42 credit hours in general education. Some majors require additional hours due to required coursework. The following general education classes are required by this major:

*CIS 1600	Business Information Management	3
COMM 1000	Public Speaking, or	
COMM 1050	Fundamentals of Oral Communication Competency	3
*MATH 1111	College Algebra	3
*ECON 1010	Principles of Macroeconomics	3
Free Electives		5
BADM 1400 is strongly recommended as a free elective.		
Minimum Total		120

¹⁰Competency 10 course

*Students expecting to receive the B.S.B.A. degree must meet all pre-admission requirements to be admitted to this program. Pre-admission courses include: ACCT 2101, ACCT 2102, BLAW 2720, CIS 1600, ECON 1010, ECON 1011, FIN 2801, and MATH 1111.

New Courses:

RMI 3835	Internship in Insurance	3
RMI 4802	Life and Health Insurance	3
RMI 4803	Property and Casualty Insurance	3
RMI 4850	Corporate Risk Management	3

Support for new program – statement of available capacity from affected area:

As the evidence from the involved department indicates, students in the BSBA in Risk Management and Insurance can be accommodated in existing courses.

Support from Marketing & Public Relations:

Scott Smith 4:47 PM (December 12, 2016)

Please accept this email as approval for adding the Professional Sales course as an elective to the RMI program. How many students are you anticipating in the program yearly? Thanks!
Scott

University of Central Missouri

New Program: Risk Management and Insurance (RMI)

Institutional Characteristics Demonstrating Why Your Institution is Particularly Well Equipped to Support Program

This program will require six courses in risk management and insurance courses (18 hours), and it will use existing courses for all of the remaining 102-credit hours. The program will include UCM General Education courses, BSBA prerequisites, BSBA core, major and free electives.

This Risk Management and Insurance program will be an excellent complement to the other BSBA programs offered by the Harmon College of Business and Professional Studies (HCBPS), as demonstrated by the number of courses mentioned above. Also, the marginal cost of offering this program at UCM is low, given our current faculty complement, existing BSBA degree programs, and existing facilities.

At UCM, students earn a valuable degree that makes them top competitors as they enter the job market. This RMI program will provide its majors the skills and knowledge necessary to compete and succeed in a stimulating and lucrative field.

University of Central Missouri

2017 Undergraduate Catalog

School of Business Administration

<https://www.ucmo.edu/hcbps/>

The School of Business Administration is comprised of:

- [The Department of Computer Information Systems](#)
- [The Department of Economics and Finance & The School of Accountancy](#)
- [The Department of Management](#)
- [The Department of Marketing and Public Relations](#)

Accreditation

The School of Business Administration and the Accountancy program are accredited by AACSB International located at 777 South Harbour Island Boulevard, Suite 750, Tampa, FL 33602; phone 813-769-6500; web page aacsb.edu.

Bachelor of Science in Business Administration Degree Program Statement of Policy

Admission to B.S.B.A. Programs. Acceptance and registration in business administration courses or the declaration of intent to complete a business major do not guarantee admission to the B.S.B.A. programs. A student is not officially admitted to the B.S.B.A. until he/she is notified in writing by a representative of the SoBA. Only those students who have been officially admitted to the B.S.B.A. program may file for an application for graduation for the B.S.B.A. degree.

The desire of the faculty in the SoBA is for all UCM students to succeed. To facilitate and support (1) overall academic program quality, (2) student progress through his/her academic program at the desired rate and (3) to better ensure receiving the maximum benefit from the curriculum design, students who desire to earn a B.S.B.A. degree are to enroll and take courses that are specifically designed for their academic classification. This means that freshmen (those who have completed 0-29.5 semester hours of college credit) who take courses within the SoBA will enroll in 1000 level courses only, sophomores (completed 30-59.5 semester hours) will enroll in 2000 or 1000 level courses, juniors (completed 60-89.5 semester hours) will enroll in 3000, 2000, or 1000 level courses and seniors (all students who have completed 90 semester hours) will enroll in 4000 level courses or below.

All UCM students enrolled in business and economics courses are required to comply with prerequisites for those courses.

Students who have not been admitted to a B.S.B.A. degree program may not enroll in more than a total of 30 semester hours in courses with the following prefixes: ACCT, CIS, ECON, ESE, FIN, HRM, MKT, MGT.**

**Deviations from this limit must be approved in writing by the dean of the Harmon College of Business and Professional Studies.

Bachelor of Science in Business Administration Admission Requirements.

Admission to all B.S.B.A. degree programs is conditional upon the completion of the departmental requirements and the following prerequisites:

1. The following pre-admission courses:

[ACCT 2101 - Principles of Financial Accounting \(3\)](#)

[ACCT 2102 - Principles of Managerial Accounting \(3\)](#)

[BLAW 2720 - Legal Environment of Business \(3\)](#)

[CIS 1600 - Business Information Management GE \(3\)](#)

[ECON 1010 - Principles of Macroeconomics GE \(3\)](#)

[ECON 1011 - Principles of Microeconomics \(3\)](#)

[FIN 2801 - Business Statistics I \(3\)](#)

[MATH 1111 - College Algebra GE \(3\)](#)

2. All students pursuing a B.S.B.A degree must earn a letter grade of C or better in each pre-admission course.
3. Attainment of a 2.25 or above (2.65 or above for admission to the B.S.B.A. in Accountancy, 2.40 or above for admission to the B.S.B.A. in Finance) cumulative grade-point average on a scale of 4.00 for all credit hours completed and attainment of 2.25 or above (2.65 or above for admission to the B.S.B.A. in Accountancy, 2.40 or above for admission to the B.S.B.A in Finance) grade-point average on the 24 semester hours of pre-admission courses.
4. Transfer students from other colleges and universities must meet all degree program admission requirements. Transfer students may take appropriate additional course work to fulfill admission requirements.
5. Admission to the B.S.B.A. program is in addition to university admission. Students will be admitted to the B.S.B.A. program once all admission criteria are met. Students are responsible to ensure that they have met all pre-admission criteria and have been officially admitted to the B.S.B.A. program.

Additional Bachelor of Science in Business Administration Graduation Requirements.

In addition to specified major and other requirements, all students graduating with a B.S.B.A. degree must satisfy the following requirements:

1. Students are required to earn at least 50 percent of their required business major credit hours for a B.S.B.A. degree at UCM.
2. Students must achieve a minimum cumulative grade-point average of 2.25 (2.65 for Accountancy, 2.40 for Finance).

Transfer of Credit

Students planning to transfer to UCM should expect to complete most major business courses during their junior and senior years. A student from a two-year or four-year institution may transfer pre-admission courses equivalent to those required for the B.S.B.A. degree at UCM. Transfer students from four-year institutions should obtain transfer information from the academic department offering the major.

6/28/2017

School of Business Administration - University of Central Missouri - Acalog ACMS™

Upper-level (3000/4000) courses cannot generally be transferred from a two-year institution and applied to a B.S.B.A. degree. However, the department chair responsible for the UCM course may elect to allow such a transfer for equivalent credit. Before the department chair may accept the transfer course for equivalent credit, the course must be validated through a departmentally administered examination or successful completion of a more advanced course in the discipline.

The specific validation requirement to be applied will be designated by the department chair. The validation policy for the SoBA is consistent with policies and guidelines at comparable business schools and is in effect for all students desiring to transfer courses completed at a community or junior college. Upper-level (3000/4000) course work transferred from a four-year institution must be reviewed by the department chair before such work can be applied to a B.S.B.A. degree. The department chair may choose to apply the validation requirement to such transfers.

Bachelor of Science in Business Administration Core Courses.

All B.S.B.A. degree program students are required to successfully complete carefully selected and designed 3000 and 4000 level business core courses. Students may enroll in 3000 level core courses after successfully completing 59.5 semester hours and may enroll in 4000 level core courses after successfully completing 89.5 semester hours. Prerequisite course requirements are to be complied with at all levels of the core and in other UCM business courses. Exception to these rules concerning core courses may be granted by the chair of the department in the SoBA in which the course is offered. SoBA 3000 and 4000 level core courses are listed as an integral part of departmental academic programs. Please refer to the following pages of this section of the UCM catalog for a complete listing of core and major courses required by the faculty in each program in the SoBA.

High-Impact Learning Opportunities for Students in the School of Business Administration

- Class projects coordinated by the Center for Business Internships and Partner Development
 - Co-curricular activities
 - Integrative Business Experience (IBE)
 - Internships through the Center for Business Internships
 - Innovative PR
 - Real Investment Management (Student Managed Investment Fund)
 - Real Marketing
 - VITA (Volunteer Income Tax Assistance)
-

University of Central Missouri

2017 Undergraduate Catalog

The General Education Program Requirements

The General Education Program at UCM is an essential component of all undergraduate degree programs. It allows students to cultivate fundamental intellectual and practical skills. The requirements are designed to improve students' ability to communicate, think critically, solve real-world problems, and adapt to a changing world by learning to think in different contexts. General education cultivates social and civic responsibility to help students become lifelong learners and contributing members of society.

The philosophy of general education is not unique to UCM. UCM's General Education Program is based on a model developed by the Association of American Colleges and Universities (AAC&U) called *Liberal Education and America's Promise (LEAP)*. LEAP is organized around essential learning outcomes for all students regardless of their chosen field of study. For more information on LEAP, see aacu.org/leap.

This philosophy is the foundation for UCM's General Education mission statement:

The General Education program at the University of Central Missouri serves student need and the public interest by ensuring students have strong foundational skills by providing a broad, enriched academic experience that both complements and supports their study within specialized disciplines.

General Education Outcomes and Competencies

Four outcomes and ten competencies establish the knowledge base and skills for all UCM graduates. The UCM General Education Program Outcomes and Competencies include:

Outcome 1: UCM graduates will demonstrate a mastery of intellectual and practical skills by

Competency 1: Writing with clarity and purpose using appropriate conventions of format, structure, and documentation.

Competency 2: Presenting and interacting effectively in public, group, and interpersonal settings.

Competency 3: Using mathematical and formal reasoning to perform analysis, determine reasonableness, and draw inferences.

Competency 4: Thinking creatively and critically.

Competency 5: Acquiring and managing information effectively through research and the uses of current and emerging technologies.

Outcome 2: UCM graduates will demonstrate knowledge of the world in which we live by acquiring

Competency 6: Knowledge and appreciation of literature, languages, and the arts using the standards of evidence and reasoning appropriate to the humanities and the arts.

6/29/2017

Major/Program: The General Education Program Requirements - University of Central Missouri - Acalog ACMS™

Competency 7: Knowledge of the physical and natural world using the standards of evidence and reasoning appropriate to the sciences, mathematics, and technology.
Competency 8: Knowledge of the human experience using the standards of evidence and reasoning appropriate to history and the social/behavioral sciences.

Outcome 3: UCM graduates will demonstrate an understanding of individual and social responsibility by

Competency 9: Evaluating individual and social choices within multiple cultural frameworks using ethical reasoning and civic principles.

Outcome 4: UCM graduates will demonstrate the ability to integrate and apply skills, knowledge, and responsibility by

Competency 10: Creating a cumulative work that demonstrates the integration and application of knowledge in new settings. Competency 10 is fulfilled by the major curriculum. It is not included in the 42-hour core of general education.

The 42-credit hours required in General Education will ensure students learn and practice the skills and knowledge of the ten competencies prior to degree conferral. Students will demonstrate their competency by successfully completing assignments and required courses, passing the General Education Assessment examination (see information below), and through completion of a capstone experience in the major.

Policies Concerning the General Education Program

The Faculty Senate General Education Committee is charged with the development and interpretation of policies concerning the General Education Program.

General Policies Governing General Education

The minimum number of required General Education semester credit hours for all students, regardless of their program of study, is 42. Some degree programs may require up to six additional hours of General Education depending on the math, science, and technology courses required.

Courses taken to fulfill General Education requirements may not be taken on the pass/fail basis. Students who have fulfilled all General Education requirements in a specific area may elect to take additional General Education courses as free elective hours in the same area on the pass/fail basis.

Placement and Prerequisites for General Education Classes

Placement into Writing I, Mathematics, and some Science courses is based on planned placement. Click the Planned Placement link in the navigation bar on the left side of this online page or [click here](#) for detailed information. Students who do not meet ACT/SAT score requirements for enrollment in such courses will be required to complete prerequisite coursework. Courses which require planned placement are marked with a "+" in the general education course listing. Some Fine Arts courses may require an audition or placement assessment for enrollment. These courses are marked with an "^".

United States and Missouri Constitutions Requirement (State Law Requirement, Section 170.011)

Missouri state law requirement, Section 170.011 RSMO Supp (1988) requires that all students at public Missouri institutions have a course that teaches the constitutions of Missouri and the United States. Find more information about this requirement at mora.mo.gov/statutes/c100-199/1700000011.htm. The following courses in the UCM General Education program fulfill this requirement: HIST 1350, HIST 1351, HIST 1402, and POLS 1510 or POLS 2511 and are denoted with a "*" in the General Education course listing. These courses must be taken from institutions in the state of Missouri. Courses from out-of-state institutions which are articulated or substituted for these courses will not fulfill state law requirement Section 170.011 RSMO Supp (1988). Students who have one of these courses from out of state or who have already fulfilled all

nine hours of Knowledge Area III in the general education program may fulfill this requirement by passing an exam on the constitutions of the United States and of Missouri. This test is offered online, at no cost by the Department of History and Anthropology (660-543-4404, Wood 136). Testing information can be obtained by calling 660-543-4404.

Transfer Students and General Education

Transfer Students with a degree or the 42-hour core from Missouri institutions. Students who transfer to UCM with an Associate of Arts (A.A.) degree, an Associate of Arts in Teaching (A.A.T.) degree, or a bachelor's degree from an appropriately regionally accredited institution in Missouri, or have met the Missouri 42-hour General Education Core requirements are considered to have met UCM's 42-hour general education program, state law requirement Section 170.011 RSMO Supp (1988), and the nine general education competencies with the exception of any specific general education courses required by the student's major/minor.

Transfer Students with a degree from out-of-state institutions. Students who transfer to UCM with an Associate of Arts (A.A.) degree, an Associate of Arts in Teaching (A.A.T.) degree, or a bachelor's degree from an appropriately regionally accredited institution outside of the state of Missouri are considered to have met UCM's 42-hour general education program and the nine general education competencies with the exception of any specific general education courses required by the major/minor and state law requirement Section 170.011 RSMO Supp (1988). These students must fulfill state law requirement Section 170.011 RSMO Supp (1988) by either successfully completing a course at UCM in General Education denoted with a "#" or by passing an exam on the constitutions of the United States and Missouri offered by the Department of History and Anthropology (Wood 136, 660-543-4404).

Transfer students without a degree or the Missouri 42-hour core. Students who transfer without a degree or the Missouri 42-hour core will have their courses evaluated on a course-by-course basis for UCM's general education program. Courses from out-of-state institutions which are articulated or substituted for history or social/behavioral science courses that fulfill state law requirement Section 170.011 RSMO Supp (1988) will not fulfill this requirement. Students in this situation may fulfill this requirement by either successfully completing a course at UCM in the General Education denoted with a "#" or by passing an exam on the constitution of the United States and of Missouri offered by the Department of History and Anthropology (660-543-4404, Wood 136).

Major Required General Education Classes

Some majors require specific General Education courses. Such courses are listed in this catalog for each program. Some major programs list required general education courses in the major hours, some list them in the general education hours, and some programs list required general education classes in both major and general education hours.

Should a student change majors or minors from a program that does not require specific General Education courses to a program that does, a student may have to take additional credit hours in one or more of the defined areas of the General Education program if she/he has not taken the specific General Education course listed as a major or minor requirement. This applies to transfer students as well, even if a prior degree or the Missouri 42 hour core has been completed.

Honors Students and General Education

Students who participate in The Honors College Program and then choose to leave that program will be allowed to use courses taken to complete Honors General Education requirements in the non-honors general education. For example, students who completed six hours of modern foreign language as part of the Honors Program will be allowed to continue to use the extra three hours of language in place of the Fine Arts requirement. If a major or minor requires a particular general education course in a category, the honors substitution will not be honored.

General Education Assessment Policy

Assessment is a key process that is used in the academic, administrative, and student support services areas. Because the core process of higher education institutions is student learning, assessment at UCM serves three primary purposes: A) improvement of student learning and instruction, B) accomplishment of institutional mission, and C) accountability for achievement of educational goals. Central Missouri works hard to keep in contact with employers who hire UCM graduates. The one consistent message received from those employers, regardless of the type of enterprise, is that college graduates need to have a solid background in General Education.

This is one of the reasons the university has established a minimum score on a national test of General Education critical thinking and reading skills as a preparedness check for enrollment in upper-division courses as well as a condition for graduation. We want our students and the general public to know that we take our responsibility of preparing students to live and work as productive citizens in a diverse society very seriously. Central Missouri wants to ensure that every student is prepared for upper-division course work and that every student who graduates from our institution has a basic set of intellectual and reading skills in those areas defined by employers, educators and our culture as important.

All undergraduate students seeking a degree at Central Missouri; except teacher education majors, RN-BS nursing majors, and post-baccalaureate students (from UCM and transfer institutions); must, as a condition for graduation:

- Take the general education assessment (GEA), the ETS Proficiency Profile, in the semester after which a total of 60 credit hours have been earned.
- Pass the GEA by obtaining a minimum score of 425 (based on a scaled score of 400 - 500).
- Fulfill the General Education Assessment Policy no later than the semester after which a total of 75 credit hours have been earned, to ensure no delays in progress towards graduation.

Additional information on the ETS Proficiency Profile may be viewed at ets.org/proficiencyprofile/about.

An enrollment hold will be placed on a student's account for failing to take the GEA the semester after which a total of 60 credit hours have been earned or for not fulfilling the General Education Assessment Policy.

Students unsuccessful in obtaining the minimum total score of 425 (based on a scaled score of 400 - 500) are required to meet with Testing Services staff to discuss obstacles to passing the GEA, test-taking strategies, and specific interventions to help improve the student's knowledge and skills. After two unsuccessful attempts, students are required to submit documentation to the Faculty Senate University Assessment Council subcommittee to discuss possible solutions/actions.

Transfer Students and General Education Assessment

Transfer students, with at least 60 credit hours, must test during their second semester at UCM.

Students transferring with a degree from State Fair Community College may request to use their exit exam, which is the ETS Proficiency Profile, in fulfillment of UCM's GEA policy, if they meet the minimum score requirement of 425. Transfer students who have taken the Collegiate Assessment of Academic Proficiency (CAAP) or the College-BASE for General Education, or former teacher education majors who have passed the MoGEA, may seek fulfillment of the General Education Assessment Policy.

- A score report must be sent directly from the testing company or previous institution to the Office of Testing Services. Most institutions require written consent to release a score report.
- The test must have been taken within the past 10 years.
- Testing Services staff will review the score reports to determine if they meet UCM's minimum score requirement on these exams.

Teacher Education Majors and General Education Assessment

Teacher Education Majors are required by the Missouri Department of Elementary and Secondary Education (DESE) to take and pass all sections of the Missouri General Education Assessment (MoGEA). This test is used for admission into undergraduate professional education programs at all Missouri colleges and universities, and includes sections on English language arts, writing, mathematics, science, and social studies. For more information about test dates, fees, and to register, please go to mo.nesinc.com. For information about required passing scores, students should consult with their academic advisor (LOV 2160, 660-543-4888).

Admission to Degree Programs and General Education Assessment

Nursing Majors. Students seeking admission to the nursing program are required to fulfill the university's General Education Assessment requirements as a condition for admission into the nursing program and take the nursing admission exam. The General Education Assessment Policy does not apply to Registered Nurses seeking a B.S. in Nursing.

General Education Assessment Test Registration

Registration for the GEA is available in MyCentral. Click on the "Student Services" tab, then the "Register for a Test" link at the bottom right hand corner and then click on the test day and time preferred. Complete the online registration process as directed. See ucmo.edu/testing-services for complete information on the General Education Assessment Policy and requirements.

Direct any questions concerning this policy to the Director of Testing Services, Humphreys 216, 660-543-4919, or testing-services@ucmo.edu.

The General Education Program Requirements

The minimum number of required General Education semester credit hours for all students, regardless of their program of study, is 42. Some degree programs may require up to six additional hours of General Education depending on the math, science, and technology courses required.

Courses taken to fulfill General Education requirements may not be taken on the pass/fail basis. Students who have fulfilled all General Education requirements in a specific area may elect to take additional General Education courses as free elective hours in the same area on the pass/fail basis.

Some General Education selections listed on these pages may be limited by major/minor choice. Check the major/minor listing in the catalog for specific General Education requirements within the major/minor.

A Guide to Symbols Used in General Education

+	Planned placement required for enrollment
^	Audition or placement assessment required for enrollment
#	Course fulfills state law requirement Section 170.011 RSMO Supp (1988) (US/Missouri Constitutions)
†	Course has environmental, economic, and/or social sustainability as a major objective.
GE	Denotes a general education course when listed in Sections I and II of this catalog.

Foundational Skills Areas 11-12 Hours

Four courses must be taken to fulfill this area: one Writing I, one Writing II, one Managing Information, and one Communication course (see listing below). Some students may exceed the 11 credit hour minimum depending on course selection and major-required Managing Information courses.

UCM graduates will demonstrate mastery of intellectual and practical skills by

- writing with clarity and purpose using appropriate conventions of format, structure, and documentation;
- acquiring and managing information effectively through research and the uses of current and emerging technologies; and
- presenting and interacting effectively in professional, group, and interpersonal settings.

Writing I - 3 Credit Hours

These courses fulfill General Education Competency 1.

Choose One Course From the Following:

- ENGL 1020 - Composition I GE (3) +
- ENGL 1080 - Advanced Composition GE (3) + *

Note:

+Eligibility for enrollment in this course is based on university planned placement guidelines. [Click here](#) for more information about Planned Placement.

*Students who earn a grade of C or higher in ENGL 1080 will be awarded an additional 3 hours of special credit (CR) for ENGL 1020 and will have fulfilled the six hours of writing requirement in general education. Students who earn a grade of D in ENGL 1080 may either opt to repeat the course or enroll in CTE 3060/ENGL 1030 to fulfill the six hours of writing requirement in general education.

Writing II - 3 Credit Hours

These courses fulfill General Education Competency 1.

Choose One Course From the Following*:

- CTE 3060 - Technical Writing GE (3)
- ENGL 1030 - Composition II GE (3)

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*Students who earn a grade of C or higher in ENGL 1080 will be awarded an additional 3 hours of special credit (CR) for ENGL 1020 and will have fulfilled the six hours of writing requirement in the general education. These students will not have to enroll in CTE 3060 or ENGL 1030.

Managing Information - 2-3 Credit Hours

These courses fulfill General Education Competency 5.

Choose One Course From the Following:

- ART 1610 - Web Languages GE (3)
- CIS 1600 - Business Information Management GE (3)
- CS 1020 - Introduction to Biomedical Informatics GE (3)
- CTE 1210 - Managing Information Using Computer Applications GE (2)
- CTE 2000 - Technology and Society GE (3)
- GEOG 2300 - Acquiring and Managing Spatial Information GE (2)
- LIS 1010 - Truth, Lies and Information Management GE (2)
- LIS 1600 - University Library and Research Skills GE (2)

Communication - 3 Credit Hours

These courses fulfill General Education Competency 2.

Choose One Course From the Following:

- COMM 1000 - Public Speaking GE (3)
- COMM 1050 - Fundamentals of Oral Communication Competency GE (3)
- MKT 1401 - Professional Speaking and Presentation GE (3)
- PE 2472 - Communicating Ideas on Sport GE (3)
- THEA 1100 - Oral Interpretation GE (3)

Knowledge Areas 28 Hours

Knowledge Area I 9 Hours

Three courses must be taken to fulfill this area: one Literature, one Fine Arts, and one additional course (see listing below). UCM graduates will demonstrate knowledge of the world in which we live by acquiring knowledge and appreciation of and/or participation in the creation or performance of literature, languages, and the arts using the standards of evidence and reasoning appropriate to the humanities and the arts.

Literature - 3 Credit Hours

These courses fulfill General Education Competencies 1 and 6.

Choose One Course From the Following:

- ENGL 2010 - Introduction to Reading Poetry and Drama GE (3)
- ENGL 2020 - Introduction to Reading Fiction GE (3)
- ENGL 2200 - American Literature to 1865 GE (3)
- ENGL 2205 - American Literature 1865 to Present GE (3)
- ENGL 2210 - British Literature to 1798 GE (3)
- ENGL 2215 - British Literature 1798 to Present GE (3)
- ENGL 2220 - World Masterpieces GE (3)
- ML 2000 - World Literatures in Translation GE (3)

Fine Arts - 3 Credit Hours

These courses fulfill General Education Competency 6.

Take any combination of courses from the list below for a total of three credit hours. If the same one-hour course is taken more than once, all grades will count for each time attempted.

Choose Three Hours From the Following:

- ART 1800 - Ideas and the Visual Arts GE (3)
- ART 1835 - Global Arts and Culture GE (3)
- COMM 3000 - Film Appreciation GE (3)
- DANC 2100 - Dance Appreciation GE (3)
- MUS 1010 - Symphonic Band GE (1)
- MUS 1055 - Collegiate Choir GE (1) ^
- MUS 1210 - Experiencing Music GE (3)
- MUS 1220 - The Evolution of a Popular Art: An Introduction to Rock Music GE (3)
- MUS 1281 - History and Development of Jazz GE (3)

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- [MUS 3070 - Women's Choir GE \(1\) ^](#)
- [MUS 3212 - Music of the Common Practice Era GE \(3\) ^](#)
- [MUS 4010 - Symphonic Wind Ensemble GE \(1\) ^](#)
- [MUS 4025 - University Symphony Orchestra GE \(1: 1 lecture, 0 lab\) ^](#)
- [MUS 4050 - University Concert Choir GE \(1\) ^](#)
- [THEA 2400 - Discovering Theatre GE \(3\)](#)

Note:

^Audition or placement assessment required for enrollment. Contact the Department of Music (UTT 111, 660-543-4530).

Additional Courses for Knowledge Area I - 3 hours

These courses fulfill General Education Competency 6.

Choose one additional course from the Literature or Fine Arts categories above or one course below from Languages or Humanities. If an additional Fine Arts course is chosen, it must be a three-credit hour course from the Fine Arts list above. The one-hour courses may not be used to fulfill this category if Fine Arts is selected for the "Additional Courses for Knowledge Area I".

Languages:

High school coursework completed or placement examination determines the level of a student's initial enrollment in elementary and intermediate foreign language courses. For more information contact the Department of Government, International Studies, and Languages at 660-543-8948.

- [CD 1401 - American Sign Language 1 GE \(3\)](#)
- [CD 1402 - American Sign Language 2 GE \(3\)](#)
- [CHIN 1701 - Elementary Chinese I GE \(3\)](#)
- [CHIN 1702 - Elementary Chinese II GE \(3\)](#)
- [FREN 1201 - Elementary French I GE \(3\)](#)
- [FREN 1202 - Elementary French II GE \(3\)](#)
- [FREN 2201 - Intermediate French I GE \(3\)](#)
- [FREN 2202 - Intermediate French II GE \(3\)](#)
- [GER 1301 - Elementary German I GE \(3\)](#)
- [GER 1302 - Elementary German II GE \(3\)](#)
- [GER 2301 - Intermediate German GE \(3\)](#)
- [GER 2302 - Intermediate German II GE \(3\)](#)
- [ML 1040 - Special Projects in Modern Languages GE \(1-3\) \(3\) \(Elementary Japanese I\)](#)

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- [ML 1040 - Special Projects in Modern Languages GE \(1-3\) \(3\) \(Elementary Japanese II\)](#)
- [SPAN 1601 - Elementary Spanish I GE \(3\)](#)
- [SPAN 1602 - Elementary Spanish II GE \(3\)](#)
- [SPAN 1611 - Elementary Spanish I for Healthcare Professionals GE \(3\)](#)
- [SPAN 1612 - Elementary Spanish II for Healthcare Professionals GE \(3\)](#)
- [SPAN 2601 - Intermediate Spanish I GE \(3\)](#)
- [SPAN 2602 - Intermediate Spanish II GE \(3\)](#)
- [SPAN 2611 - Intermediate Spanish I for Healthcare Professionals GE \(3\)](#)
- [SPAN 2612 - Intermediate Spanish II for Healthcare Professionals GE \(3\)](#)

Humanities:

- [ART 1620 - Web Graphics GE \(3\)](#)
- [COMM 1200 - Introduction to Mass Communication GE \(3\)](#)
- [PHIL 1000 - Introduction to Philosophy GE \(3\)](#)
- [PHIL 1410 - Critical Thinking GE \(3\)](#)
- [WGS 1050 - Women's Voices GE \(3\)](#)

Knowledge Area II 10 hours

Three courses must be taken to fulfill this area: one Science with a Laboratory, one Mathematics, and one additional course (see listing below). Some students may exceed the 10 credit hour minimum depending on course selection and major-required science and mathematics courses.

UCM graduates will demonstrate knowledge of the world in which we live by acquiring knowledge of the physical and natural world using the standards of evidence and reasoning appropriate to the sciences, mathematics, and technology.

Science with a Laboratory - 4 Credit Hours

These courses fulfill General Education Competency 7.

Choose One Course From the Following:

- [AGRI 1600 - Introduction to Horticulture Science GE \(4: 3 lecture, 1 lab\)](#)
- [BIOL 1003 - Introduction to the Sciences: Ecology GE \(3\) * AND](#)
- [BIOL 1006 - Environmental Science/Ecology Lab GE \(1: 1 lab\) *](#)
- [BIOL 1004 - Introduction to the Sciences: Ecology GE \(4: 3 lecture, 1 lab\) **](#)

- [BIOL 1005 - Introduction to Environmental Science GE \(3\) * AND](#)
- [BIOL 1006 - Environmental Science/Ecology Lab GE \(1; 1 lab\) *](#)
- [BIOL 1007 - Plants and Society GE \(4; 3 lecture, 1 lab\)](#)
- [CHEM 1104 - Introduction to the Sciences: Chemistry GE \(4; 4 lecture, 0 lab\) **](#)
- [CHEM 1131 - General Chemistry I GE \(5; 5 lecture, 0 lab\)](#)
- [EASC 1004 - Introduction to Geology GE \(4; 3 lecture, 1 lab\)](#)
- [EASC 1114 - Weather and Climate GE \(4; 3 lecture, 1 lab\) ***](#)
- [GEOG 1114 - Weather and Climate GE \(4; 3 lecture, 1 lab\) ***](#)
- [PHYS 1101 - College Physics I GE \(4; 4 lecture, 0 lab\)](#)
- [PHYS 1104 - Introduction to the Sciences: Physics GE \(4; 4 lecture, 0 lab\)](#)
- [PHYS 2121 - University Physics I GE \(5; 5 lecture, 0 lab\)](#)
- [STCH 1003 - Great Concepts in Science GE \(4; 3 lecture, 1 lab\)](#)

Note:

*Courses must be taken together in the same semester.

**Students who have earned credit in [BIOL 1004](#) in the Science with a Laboratory category are not eligible for credit in [BIOL 1003](#) in the Science without a Lab category. Students who have earned credit in [CHEM 1104](#) in the Science with a Laboratory category are not eligible for credit in [CHEM 1103](#) in the Science without a Lab category. Students who have earned credit in [PHYS 1104](#) in the Science with a Laboratory category are not eligible for credit in [PHYS 1103](#) in the Science without a Lab category.

***This course is offered by both EASC and GEOG. Credit for the course may only be earned once.

Mathematics - 3 Credit Hours

These courses fulfill General Education Competencies 3 and 7.

Choose One Course From the Following:

-
- [ACST 1300 - Basic Statistics GE \(3\) +](#)
 - [MATH 1111 - College Algebra GE \(3\) +](#)
 - [MATH 1131 - Applied Calculus GE \(3\) +](#)
 - [MATH 1150 - Pre-Calculus Mathematics GE \(4\) +](#)
 - [MATH 1151 - Calculus and Analytic Geometry I GE \(5\) +](#)
 - [MATH 1215 - The Mathematics of Decision Making GE \(3\) +](#)
 - [MATH 1620 - Contemporary Mathematics GE \(3\) +](#)

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- **MATH 1820 - Introduction to Mathematical Modeling GE (3) +**

Note:

+Eligibility for enrollment in this course is based on university planned placement guidelines. [Click here](#) for more information about Planned Placement.

Additional Courses for Knowledge Area II - 3 Credit Hours

These courses fulfill General Education Competency 7.

Choose One Additional Course From

The Science with a Laboratory or Mathematics categories above or one course from the following:

- **ANTH 1810 - Human Prehistory GE (3)**
- **BIOL 1003 - Introduction to the Sciences: Ecology GE (3) ***
- **BIOL 1005 - Introduction to Environmental Science GE (3)**
- **BIOL 2010 - Human Biology GE (3)**
- **BIOL 2510 - Basic Genetics GE (3)**
- **CHEM 1103 - Introduction to the Sciences: Chemistry GE (3) ***
- **CMGT 3010 - Applied Construction Practices GE (3; 2 lecture; 1 lab)**
- **CS 1010 - Introduction to Computer Science GE (3)**
- **CS 1020 - Introduction to Computer Programming GE (3)**
- **GEOG 2100 - Physical Geography GE (3)**
- **MUS 1450 - Audio and Acoustics GE (3)**
- **PHYS 1103 - Introduction to the Sciences: Physics GE (3) ***
- **STCH 3020 - Science and Engineering Practices GE (3)**

Note:

*Students who have earned credit in **BIOL 1004** in the Science with a Laboratory category are not eligible for credit in **BIOL 1003** in the Science without a Lab category. Students who have earned credit in **CHEM 1104** in the Science with a Laboratory category are not eligible for credit in **CHEM 1103** in the Science without a Lab category. Students who have earned credit in **PHYS 1104** in the Science with a Laboratory category are not eligible for credit in **PHYS 1103** in the Science without a Lab category.

Knowledge Area III 9 hours

Three courses must be taken to fulfill this area: one History, one Social/Behavioral Science, and one additional course (see listing below). Within the nine hours required in Knowledge Area III, all students must select a course which fulfills state law requirement Section 170.011 RSMO Supp (1988). These courses are marked with a "#".

UCM graduates will demonstrate an ability to comprehend, evaluate, and analyze aspects of the human experience through an understanding of history and the social and behavioral sciences and the standards of evidence that create knowledge within those frameworks. Students will learn substantive content as well as the relevant evaluative process of reasoning, evidence, and argument.

United States and Missouri Constitutions Requirement (State Law Requirement, Section 170.011)

Within the nine hours required in Knowledge Area III, all students must select a course which fulfills state law requirement Section 170.011 RSMO Supp (1988). These courses are marked with a "#". These courses must be taken from institutions in the state of Missouri. Courses from out of state institutions which are articulated or substituted for these courses will not fulfill state law requirement Section 170.011 RSMO Supp (1988). Students who have one of these courses from out of state or who have already fulfilled all nine hours of Knowledge Area III may fulfill this requirement by passing an exam on the constitutions of the United States and of Missouri offered by the Department of History and Anthropology (Wood 136, 660-543-4404).

History - 3 Credit Hours

These courses fulfill General Education Competency 8.

Choose One Course From the Following:

- HIST 1350 - History of the United States to 1877 GE (3) #
- HIST 1351 - History of the United States from 1877 GE (3) #
- HIST 1400 - History of the Early World GE (3)
- HIST 1401 - History of the Early Modern World GE (3)
- HIST 1402 - History of the Modern World GE (3) #

Social/Behavioral Sciences - 3 Credit Hours

These courses fulfill General Education Competency 8.

Choose One Course From the Following:

- ANTH 2820 - Anthropology of Food GE (3)
- CFD 1010 - Individual and Family Relationships GE (3)
- CJ 1000 - Introduction to Criminal Justice GE (3)
- ECON 1010 - Principles of Macroeconomics GE (3)
- EDPL 2240 - Educational Psychology GE (3)

- FAME 3434 - Fashion History of Costume GE (3)
- GEOG 2101 - Introduction to Sustainability GE (3)
- GEOG 2212 - World Geography GE (3) †
- IS 1000 - Introduction to International Studies GE (3)
- POIS 1500 - Introduction to Politics GE (3)
- POIS 1510 - American Government GE (3) #
- POIS 2511 - State Government GE (3) #
- POIS 2530 - World Politics GE (3)
- POIS 3522 - Modern Asia GE (3)
- PSY 1100 - General Psychology GE (3)
- PSY 1320 - Psychology of Personal Adjustment GE (3)
- PSY 4230 - Psychology of Adolescence GE (3)
- REL 1510 - Exploring Religions GE (3)
- SOC 1800 - General Sociology GE (3)
- SOC 1830 - Social Problems GE (3)
- SOWK 2600 - Introduction to Social Welfare and Social Work GE (3)
- WGS 2000 - Intersections: Gender, Race, Class GE (3)

Additional Courses for Knowledge Area III - 3 Credit Hours

Choose one additional course from either the History or Social/Behavioral Sciences areas above.

Engagement 3-4 hours

One course from the listing below must be taken to fulfill this area.

UCM graduates will demonstrate an understanding of individual and social responsibility by evaluating individual actions, intercultural relationships, and social choices within local/global frameworks using ethical reasoning, civic principles, and cultural values.

Engagement (Individual and Social Responsibility) - 3-4 Credit Hours

These courses fulfill General Education Competencies 4 and 9.

Choose One Course From the Following:

- AGRI 2130 - Global Agriculture GE (3)

- [ANTH 1820 - Cultural Anthropology GE \(3\) †](#)
- [CIS 1612 - Ethics in Information Technology GE \(3\)](#)
- [COMM 2000 - Media Literacy GE \(3\)](#)
- [COMM 3340 - Intercultural Communication GE \(3\)](#)
- [CS 1000 - Computers and Modern Society GE \(3\)](#)
- [CS 1800 - Introduction to Cybersecurity GE \(3\)](#)
- [CTE 3116 - Creative Thinking for a Better World GE \(3\)](#)
- [ECEL 2110 - Diversity and Social Justice GE \(3\)](#)
- [ESE 1200 - Foundations of Leadership Skills GE \(4\)](#)
- [FAME 3442 - Sustainability for Consumer Products GE \(3\) †](#)
- [FIN 1820 - Personal Finance GE \(3\)](#)
- [GEOG 3101 - Practicing Sustainability GE \(3\) †](#)
- [GEOG 3201 - The Cultural Landscape GE \(3\) †](#)
- [HIST 2410 - Introduction to Africana Studies GE \(3\)](#)
- [HLTH 1100 - Personal Health GE \(3\) †](#)
- [HLTH 1200 - Applied Nutrition for Healthy Living GE \(3\)](#)
- [MUS 1225 - Music of the World's Cultures GE \(3\)](#)
- [NUR 2200 - Culture and Sustainability in Health GE \(3\) †](#)
- [PE 1206 - Fitness for a Global Community GE \(3\)](#)
- [PHIL 2300 - Ethics GE \(3\) †](#)
- [POIS 2535 - Model United Nations GE \(3\)](#)
- [POIS 2581 - Trial Advocacy GE \(3\)](#)
- [REL 2310 - World Views and Values GE \(3\)](#)
- [SAFE 2010 - Practical Safety and Security GE \(3\)](#)
- [WGS 2050 - Sexuality, Identity & Social Action GE \(3\)](#)

Integration 1-8 Hours in the Major

Students will integrate the knowledge and skills from the general education program with major-specific content through a cumulative work or experience that demonstrates the ability to gather information, perform synthesis and analysis, and communicate in a technical and proficient manner.

Students will complete one of the courses listed below as prescribed by their major curriculum*. See the major section of this catalog for more information. These courses fulfill General Education Competency 10:

- [ACST 4645 - Senior Projects in Actuarial Science and Statistics \(3\)](#)
- [AGRI 4101 - Agricultural Capstone Experience \(3\)](#)

- ART 4020 - Studio Seminar (3)
- ART 4360 - Interior Design Thesis II (3)
- ART 4850 - Twentieth Century Art and Architecture (3)
- ART 4860 - Contemporary Art and Design (3)
- ART 4920 - Methods of Teaching Art III: Student Teaching Seminar (3)
- AT 4640 - Senior Seminar in Athletic Training (2)
- ATM 4112 - ATM Capstone Experience (3)
- AVIA 4999 - Integrative Studies Capstone (3)
- BIOL 4003 - Radiologic Technology Senior Seminar (1)
- BIOL 4021 - Clinical Special Topics (1)
- BIOL 4222 - The Biological Perspective (3)
- CADD 4180 - Industrial Design (3: 3 lecture, 0 lab)
- CD 4803 - Undergraduate Clinical Practicum II (1)
- CDM 4800 - Integrated Emergency Management (3)
- CFD 4745 - Senior Seminar (3)
- CHEM 3920 - Communication Skills in Chemistry (2)
- CJ 4605 - Senior Seminar in Criminal Justice (1)
- CMGT 4400 - Construction Operations (3)
- COMM 4490 - Senior Capstone Seminar (1)
- COMM 4790 - Senior Capstone (1)
- CS 4820 - Introduction to Information Assurance (3)
- CS 4920 - Senior Project (3)
- CTE 4022 - Teaching/Administration Intern (1-3) (3)
- D&N 4345 - Senior Dietetics Seminar* (3)
- ENGL 4240 - Senior Capstone in Literature (3)
- ENGT 4110 - Engineering Technology Problem Solving (3)
- ET 3020 - Circuit Analysis and Implementation (3: 2 lecture, 1 lab)
- FAME 4445 - Senior Seminar in Fashion and Apparel Merchandising (3)
- FLDX 4395 - Student Teaching in Special Education I (1-12) (5-8)
- FLDX 4468 - Student Teaching Secondary II (1-12) (4-6)
- FLDX 4495 - Student Teaching Elementary I (1-12) (5)
- FLDX 4496 - Student Teaching Elementary II (1-12) (4)
- FLDX 4497 - Student Teaching Middle School I (1-12) (6)
- FLDX 4595 - Student Teaching Secondary I (1-12) (6)
- GJSL 4244 - Cross-Cultural Cinema (3)

- GRAP 4053 - Production Analysis (3)
- HM 4845 - Hospitality Business Planning (3)
- HIST 4500 - Senior Capstone in History (3)
- IGEN 3224 - Critical Thinking (3)
- INDM 4250 - Project Management (3)
- IS 4950 - Senior Seminar (3)
- MATH 4233 - The Scientific, Historical, and Sociological Impact of Mathematics (3)
- MGT 4357 - Organizational Policy and Strategy (3)
- MUS 4000 - Special Projects in Music (0-3) (1-3)
- MUS 4060 - Senior Recital (1-2) (2)
- MUS 4310 - Methods of Teaching Music (2)
- MUS 4430 - Seminar in Music Technology (2)
- MUS 4514 - Piano Pedagogy IV - Seminar (3)
- NET 4063 - Network Support (3)
- NUR 4111 - Socio-Economic Factors Impacting Health (3)
- PE 4265 - Internship (6)
- PHIL 3500 - Aesthetics (3)
- PHIL 4250 - Special Projects in Philosophy (3)
- PHOT 4270 - Portfolio (3)
- POLS 4601 - Senior Seminar in Political Science (3)
- PR 4690 - Public Relations Campaigns (3)
- PSY 4110 - History of Psychology (3)
- SAFE 4055 - Safety Capstone Experience (3)
- SM 4980 - Internship (6)
- SOC 4895 - Senior Seminar in Public Sociology (3)
- SOWK 4661 - Field Practicum Seminar (3)
- THEA 4400 - Literature and History of the Theatre I (3)

Note:

*Students pursuing a named individualized major program will have a course identified in their program of study to fulfill Competency 10 as determined by the faculty advisor who signs off on the program. Students pursuing the General Studies individualized major may complete any course with the IGEN prefix to fulfill Competency 10.
