

UNIVERSITY CURRICULUM COMMITTEE MINUTES

Date: May 5, 2016

Minutes Approved by: 

Date Approved 5/19/16

TO: Dr. Eric Pani
Vice President of Academic Affairs

FROM: Dr. Lon Smith, Chair
University Curriculum Committee

FACULTY MEMBERS PRESENT: E. Ardion, M. Bonner, S. Banks, D. Eichhorn, J. Giles, C. Gissendanner, R. Hensley, C. Michaelides, P. Nelson, J. Noble, S. Powell, L. Smith, R. Stevens, K. Tolson, A. Wiedemeier

FACULTY MEMBERS ABSENT:

FACULTY MEMBERS EXCUSED:

EX-OFFICIO MEMBERS PRESENT: D. Beaver, K. Dawson, C. Robertson, A. Robinson, K. Smith

EX-OFFICIO MEMBERS ABSENT:

EX-OFFICIO MEMBERS EXCUSED:

1. THE SCHOOL OF HEALTH PROFESSIONS requests:

Presenter:	J. Pope
Action:	Change Graduate catalog content http://catalog.ulm.edu/preview_program.php?catoid=19&pooid=2217&returnto=2420

Current Catalog Content:

Counseling, M.S.

[Return to: Graduate Program Listing](#)

Accreditation

The Clinical Mental Health Counseling and School Counseling programs are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The School Counseling program is also accredited by CAEP/NCATE.

Credentials Deadlines

Individuals interested in applying for admission should apply to the Graduate School and apply to the appropriate Counseling program in the School of Health Professions.

Enrollment is limited and candidates for admission will be required to complete an application package.

Applicants wishing to be considered for admission to the Counseling programs must have all application materials on file on the following dates: November 15 for admission to the Spring Semester and March 31 for admission to Summer or Fall Semester.

Program Admission

Admission to the Counseling program is at the discretion of the Counseling Program Admissions Committee. In addition to the university requirements for admission to the Graduate School at ULM, applicants for admission to either the M.S. in Clinical Mental Health Counseling or School Counseling will meet one of the following criteria:

1. A minimum undergraduate grade point average of 3.0 overall; or
2. A minimum combined score of 290 on the new GRE General Test (Verbal plus Quantitative); or
3. A total of at least 1490 points based upon this formula: 400 times the undergraduate grade-point average on the last 60 semester hours of undergraduate course work plus the combined GRE General Test score (Verbal plus Quantitative).
4. Students applying for the program who already possess a master's or doctoral degree are exempt from the GRE requirement.

Program Requirements

Requirements for a major: The Counseling Program offers two concentrations/specialty areas: Clinical Mental Health Counseling and School Counseling. For Clinical Mental Health Counseling and School Counseling, requirements include a 48-semester hour required core plus a minimum of 12 semester hours of specialty course work in either Clinical Mental Health or School Counseling. Internship must include 600 hours of clinical work documented by the Clinical Director.

NOTE: The professional code of ethics requires that retention in this program depends on the student's personal and professional development as well as academic performance. The student will be asked to submit periodic assignments for assessment in this regard. Please consult the Counseling Programs Director at 318-342-1246 for further information. Admission to the program is very limited and only highly qualified candidates will be admitted based on available slots in accordance with CACREP's student-to-faculty guidelines.

Graduate Courses

Note: To receive graduate credit for a 4000-level course designated "For Undergraduate and Graduates," a student must be in graduate admission status at the time credit is earned in the course. Credit earned in undergraduate admission status cannot be changed to graduate credit.

Proposed Catalog Content:

Counseling, M.S.

← Return to: [Graduate Program Listing](#)

Accreditation

The Clinical Mental Health Counseling and School Counseling programs are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The School Counseling program is also accredited by CAEP/NCATE.

Credentials Deadlines

Individuals interested in applying for admission should apply to the Graduate School and apply to the appropriate Counseling program in the School of Health Professions.

Enrollment is limited and candidates for admission will be required to complete an application package.

Applicants wishing to be considered for admission to the Counseling programs must have all application

materials on file on the following dates: November 15 for admission to the Spring Semester and March 31 for admission to Summer or Fall Semester.

Program Admission

Admission to the Counseling program is at the discretion of the Counseling Program Admissions Committee. In addition to the university requirements for admission to the Graduate School at ULM, applicants for admission to either the M.S. in Clinical Mental Health Counseling or School Counseling will meet one of the following criteria:

1. A minimum undergraduate grade point average of 3.0 overall; or
2. A minimum combined score of 290 on the new GRE General Test (Verbal plus Quantitative); or
3. A total of at least 1490 points based upon this formula: 400 times the undergraduate grade-point average on the last 60 semester hours of undergraduate course work plus the combined GRE General Test score (Verbal plus Quantitative).
4. Students applying for the program who already possess a master's or doctoral degree are exempt from the GRE requirement.

Program Requirements

Requirements for a major: Counseling studies offers two concentrations/specialty: Clinical Mental Health Counseling and School Counseling. For Clinical Health Counseling and School Counseling, requirements include a 48-semester hour required core plus a minimum of 12 semester hours of specialty course work in either Clinical Mental Health or School Counseling, totaling 60 semester hours. A thesis is optional. Students earning a C in any of the following skills courses: COUN 5065 (Methods), COUN 5011 (Advanced Techniques), COUN 6067 (Group) and COUN 5065 (Practicum) must retake the course, earning a B or higher. Students may not earn more than 2 Cs during their time of study or face dismissal from the program. Internship must include 600 hours of clinical work documented by the Clinical Director.

NOTE: The professional code of ethics requires that retention in this program depends on the student's personal and professional development as well as academic performance. The student will be asked to submit periodic assignments for assessment in this regard. Please consult the Counseling Programs Director at 318-342-1246 for further information. Admission to the program is very limited and only highly qualified candidates will be admitted based on available slots in accordance with CACREP's student-to-faculty guidelines.

Graduate Courses

Note: To receive graduate credit for a 4000-level course designated "For Undergraduate and Graduates," a student must be in graduate admission status at the time credit is earned in the course. Credit earned in undergraduate admission status cannot be changed to graduate credit.

Credit Hours:	
Current Level:	G
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	

Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

2. THE SCHOOL OF SCIENCES requests:

Presenter:	D. Hare
Action:	Create new course MATH 3040 (Introduction to Analysis and Algebra)
Description:	This course provides introduction to abstract algebra and real analysis and is a continuation of Math 2040. Prerequisite: A grade of "C" or better in MATH 2040
Credit Hours:	3
Current Level:	U
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	Spring 2017
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	INTRO ANALYSIS & ALG
UCC Decision:	APPROVED
Notes:	

3. THE SCHOOL OF SCIENCES requests:

Presenter:	D. Hare
Action:	Change Degree Plan for BS in Mathematics
Current Degree Plan:	<p>Mathematics, B.S.</p> <hr/> <p>← Return to: Colleges/Schools - Academic Programs All electives must be approved by advisor. <u>Required for a major:</u></p> <hr/>

- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3080 - Real Analysis](#)
- [MATH 3086 - Modern Algebra](#)
- [MATH 4017 - Advanced Real Analysis](#) or
- [MATH 4025 - Advanced Modern Algebra](#)
- two additional courses numbered 3000 and above
- one additional 4000 level course

Total of 31 semester hours

Note:

A student whose ACT/SAT score places them in developmental English or math must successfully complete the course or courses within the first three semesters of enrollment at the University of Louisiana at Monroe to be eligible to maintain continued enrollment. A maximum of three attempts (including drop “W” attempts) will be allowed for the required course. Students who fail to meet this requirement during this time limit must successfully complete the developmental course at another university or community college before being eligible to return to ULM.

Freshman Year

- [ENGL 1001 - Composition I](#)
- [ENGL 1002 - Composition II](#)
- [MATH 1031 - Calculus I](#) cm
- [MATH 1032 - Calculus II](#) cm
- Core Social Science **6 cr.** *
- [MUSC 1091 - Enjoyment of Music](#) or
- [ART 1009 - Art Appreciation](#) or
- [THEA 1091 - Enjoying Theatre](#)
- [BIOL 1020 - Principles of Biology I](#) ^{cnp}
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [CSCI 2000 - Introduction to Computer Programming](#)
- [UNIV 1001 - University Seminar](#)

Total Hours 30

Sophomore Year

- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [PHYS 2007 - University Physics I](#) ^{cnp}
- [PHYS 2009 - Physics Laboratory I](#)
- [PHYS 2008 - University Physics II](#) ^{cnp}
- [PHYS 2010 - Physics Laboratory II](#)
- Core Humanities **9 cr.** *
- [CSCI 2003 - Intermediate Programming](#)

Total Hours 30

Junior Year

- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3080 - Real Analysis](#)
- [MATH 3086 - Modern Algebra](#)
- **Mathematics Electives 3 cr.**
- Foreign Languages **6 cr.**
- Free Electives **12 cr.**

Total Hours 30

Senior Year

- [MATH 4017 - Advanced Real Analysis](#)
- [MATH 4025 - Advanced Modern Algebra](#)

- Mathematics Electives **6 cr.**
- Free Electives **21 cr.**

Total Hours 30

Total hours for degree 120

Proposed Degree Plan:

Mathematics, B.S.

← Return to: [Colleges/Schools - Academic Programs](#)

All electives must be approved by advisor.

Required for a major:

- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- **MATH 3040 - Introduction to Analysis and Algebra**
- [MATH 3080 - Real Analysis](#)
- [MATH 3086 - Modern Algebra](#)

- [MATH 4017 - Advanced Real Analysis](#) or
- [MATH 4025 - Advanced Modern Algebra](#)

- **one** additional course numbered 3000 and above
- one additional 4000 level course

Total of 31 semester hours

Note:

A student whose ACT/SAT score places them in developmental English or math must successfully complete the course or courses within the first three semesters of enrollment at the University of Louisiana at Monroe to be eligible to maintain continued enrollment. A maximum of three attempts (including drop "W" attempts) will be

allowed for the required course. Students who fail to meet this requirement during this time limit must successfully complete the developmental course at another university or community college before being eligible to return to ULM.

Freshman Year

- [ENGL 1001 - Composition I](#)
- [ENGL 1002 - Composition II](#)
- [MATH 1031 - Calculus I](#) cm
- [MATH 1032 - Calculus II](#) cm
- Core Social Science **6 cr.** *
- **Core Fine Arts 3 cr**
- [BIOL 1020 - Principles of Biology I](#) ^{cnp}
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [CSCI 2000 - Introduction to Computer Programming](#)
- [UNIV 1001 - University Seminar](#)

Total Hours 30

Sophomore Year

- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [PHYS 2007 - University Physics I](#) ^{cnp}
- [PHYS 2009 - Physics Laboratory I](#)
- [PHYS 2008 - University Physics II](#) ^{cnp}
- [PHYS 2010 - Physics Laboratory II](#)
- Core Humanities **9 cr.** *
- [CSCI 2003 - Intermediate Programming](#)

Total Hours 30

Junior Year

- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3040 - Introduction to Analysis and Algebra](#)
- [MATH 3080 - Real Analysis](#)
- [MATH 3086 - Modern Algebra](#)
- Foreign Languages **6 cr.**
- Free Electives **12 cr.**

Total Hours 30

Senior Year

- [MATH 4017 - Advanced Real Analysis](#)
- [MATH 4025 - Advanced Modern Algebra](#)
- Mathematics Electives **6 cr.**
- Free Electives **21 cr.**

Total Hours 30

Total hours for degree 120	
Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

4. THE SCHOOL OF SCIENCES requests:

Presenter:	D. Hare
Action:	Change Degree Plan for BS in Mathematics, Mathematics Education Concentration
Current Degree Plan:	
<p>Required for a Concentration in Mathematics Education (Grades 6-12):</p> <hr/> <ul style="list-style-type: none"> • MATH 1031 - Calculus I • MATH 1032 - Calculus II • MATH 2002 - Applied Linear Algebra • MATH 2032 - Calculus III • MATH 2040 - Foundations of Mathematics • MATH 3003 - Mathematical Statistics • MATH 3007 - College Geometry • MATH 3086 - Modern Algebra • MATH 4007 - History of Mathematics <p>Total of 30 semester hours.</p> <hr/>	
(See specific degree plan in the College of Arts, Education and Sciences section).	
Note:	
<p>A student whose ACT/SAT score places them in developmental English or math must successfully complete the course or courses within the <u>first</u> three semesters of enrollment at the University of Louisiana at Monroe to be eligible to maintain continued enrollment. A maximum of three attempts (including drop "W" attempts) will be</p>	

allowed for the required course. Students who fail to meet this requirement during this time limit must successfully complete the developmental course at another university or community college before being eligible to return to ULM.

Freshman Year

- [ENGL 1001 - Composition I](#)
- [ENGL 1002 - Composition II](#)
- [MATH 1031 - Calculus I](#) ^{cm}
- [BIOL 1020 - Principles of Biology I](#) ^{cnp}
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [PHYS 2007 - University Physics I](#) ^{cnp}
- [PHYS 2009 - Physics Laboratory I](#)
- [CURR 2001 - Educational Foundations for Diverse Learning Environments](#)
- [CURR 2085 - Application of Instructional Media and Technology](#)
- [HIST 1011 - World Civilization I](#) ^{ch}
- [HIST 2002 - United States History II](#) ^{ch}
- [UNIV 1001 - University Seminar](#)

Total Hours 30

Sophomore Year

- [PHYS 2008 - University Physics II](#) ^{cnp}
- [PHYS 2010 - Physics Laboratory II](#)
- [MATH 1032 - Calculus II](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2002 - Applied Linear Algebra](#)
- [MUSC 1091 - Enjoyment of Music](#) ^{cf or}
- [ART 1009 - Art Appreciation](#) ^{cf or}
- [THEA 1091 - Enjoying Theatre](#) ^{cf}
- [ENGL 2005 - American Literature I](#) ^{ch}
- [PSYC 2001 - Introduction to Psychology](#) ^{cs}
- [PSYC 2005 - Adolescent Psychology](#) ^{cs}
- Free Electives **3 cr.**

Total Hours 30

Junior Year

- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3086 - Modern Algebra](#)
- [MATH 4007 - History of Mathematics](#)
- [CSCI 2000 - Introduction to Computer Programming](#)
- [CURR 3002 - Inclusive Instruction for Secondary Students](#)
- [CURR 3003 - Middle and Secondary School Methods I](#)
- [CURR 3076 - Classroom, Behavior, and Instructional Management-Secondary](#)
- [PSYC 3001 - Educational Psychology](#) ^{uc}
- Free Electives **6 cr.**

Total Hours 30

Senior Year

- [MATH 3007 - College Geometry](#)
- [CURR 3004 - Middle and Secondary Methods II](#)
- [CURR 4001 - Assessment Principles and Practice for All Learners](#)
- [CURR 4056 - Student Teaching in High School](#)
- CURR 4085 **6 cr.**
- [READ 4019 - Teaching Reading – for Secondary Teachers](#)
- Free Electives - **6 cr.**

Total Hours 30

Total Hours for Concentration 120

Proposed Degree Plan:

Required for a Concentration in Mathematics Education (Grades 6-12):

- [MATH 1031 - Calculus I](#)
- [MATH 1032 - Calculus II](#)
- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3007 - College Geometry](#)
- [MATH 3040 – Introduction to Analysis and Algebra](#)
- [MATH 4007 - History of Mathematics](#)

Total of 30 semester hours.

(See specific degree plan in the College of Arts, Education and Sciences section).

Note:

A student whose ACT/SAT score places them in developmental English or math must successfully complete the course or courses within the first three semesters of enrollment at the University of Louisiana at Monroe to be eligible to maintain continued enrollment. A maximum of three attempts (including drop “W” attempts) will be allowed for the required course. Students who fail to meet this requirement during this time limit must successfully complete the developmental course at another university or community college before being eligible to return to ULM.

Freshman Year

- [ENGL 1001 - Composition I](#)
- [ENGL 1002 - Composition II](#)
- [MATH 1031 - Calculus I](#) ^{cm}
- [BIOL 1020 - Principles of Biology I](#) ^{cnp}
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [PHYS 2007 - University Physics I](#) ^{cnp}
- [PHYS 2009 - Physics Laboratory I](#)
- [CURR 2001 - Educational Foundations for Diverse Learning Environments](#)
- [CURR 2085 - Application of Instructional Media and Technology](#)
- [HIST 1011 - World Civilization I](#) ^{ch}

- [HIST 2002 - United States History II](#) ^{ch}
- [UNIV 1001 - University Seminar](#)

Total Hours 30

Sophomore Year

- [PHYS 2008 - University Physics II](#) ^{cnp}
- [PHYS 2010 - Physics Laboratory II](#)
- [MATH 1032 - Calculus II](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2002 - Applied Linear Algebra](#)

- **Core Fine Arts 3 cr.**

- [ENGL 2005 - American Literature I](#) ^{ch}
- [PSYC 2001 - Introduction to Psychology](#) ^{cs}
- [PSYC 2005 - Adolescent Psychology](#) ^{cs}
- **Free Electives 3 cr.**

Total Hours 30

Junior Year

- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3040 - Introduction to Analysis and Algebra](#)
- [MATH 4007 - History of Mathematics](#)
- [CSCI 2000 - Introduction to Computer Programming](#)
- [CURR 3002 - Inclusive Instruction for Secondary Students](#)
- [CURR 3003 - Middle and Secondary School Methods I](#)
- [CURR 3076 - Classroom, Behavior, and Instructional Management-Secondary](#)
- [PSYC 3001 - Educational Psychology](#) ^{uc}
- **Free Electives 6 cr.**

Total Hours 30

Senior Year

- [MATH 3007 - College Geometry](#)
- [CURR 3004 - Middle and Secondary Methods II](#)
- [CURR 4001 - Assessment Principles and Practice for All Learners](#)
- [CURR 4056 - Student Teaching in High School](#)
- [CURR 4085](#) **6 cr.**
- [READ 4019 - Teaching Reading – for Secondary Teachers](#)
- **Free Electives - 6 cr.**

Total Hours 30

Total Hours for Concentration 120

Credit Hours:	
Current Level:	U
Activity Type:	

Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

5. THE SCHOOL OF SCIENCES requests:

Presenter:	D. Hare
Action:	Change Degree Plan for BS in Mathematics, Actuarial Science Concentration
Current Degree Plan:	
<h2>Mathematics, Actuarial Science Concentration, B.S.</h2>	
<p>← Return to: Colleges/Schools - Academic Programs</p> <p><u>Required for a Concentration in Actuarial Science:</u></p>	
<ul style="list-style-type: none"> • MATH 1016 - Elementary Statistics • MATH 2002 - Applied Linear Algebra * • MATH 2032 - Calculus III • MATH 2040 - Foundations of Mathematics * • MATH 3003 - Mathematical Statistics • MATH 3086 - Modern Algebra • MATH 4003 - Mathematical Statistics • MATH 4004 - Mathematical Statistics • MATH 4013 - Mathematics of Finance I • MATH 4014 - Mathematics of Finance II <p>Total of 31 semester hours</p>	
<p>Students must select a minor from a related field of study. All choices of minors and Mathematics electives must be approved by an advisor.</p>	
<p><u>Freshman Year</u></p>	
<ul style="list-style-type: none"> • ENGL 1001 - Composition I • ENGL 1002 - Composition II 	

- [MATH 1016 - Elementary Statistics](#)
- [MATH 1031 - Calculus I](#) ^{cm}
- [MATH 1032 - Calculus II](#) ^{cm}
- [BIOL 1020 - Principles of Biology I](#) ^{cm}
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [CSCI 2000 - Introduction to Computer Programming](#)
- Core Social Sciences **3 cr.**
- Core Fine Arts **3 cr.**
- [UNIV 1001 - University Seminar](#)

Total Hours 30

Sophomore Year

- [PHYS 2007 - University Physics I](#) ^{cm}
- [PHYS 2009 - Physics Laboratory I](#)
- [PHYS 2008 - University Physics II](#) ^{cm}
- [PHYS 2010 - Physics Laboratory II](#)
- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- [ACCT 2012 - Introductory Financial Accounting](#)
- [ACCT 2013 - Introductory Managerial Accounting](#)
- [ECON 2001 - Macroeconomic Principles](#)

Total Hours 30

Junior Year

- [MATH 3086 - Modern Algebra](#)
- [MATH 4003 - Mathematical Statistics](#)
- [MATH 4004 - Mathematical Statistics](#)
- [FINA 3015 - Business Finance](#)
- Core Humanities **3 cr.**
- Free Electives **15 cr.**

Total Hours 30

Senior Year

- [MATH 4013 - Mathematics of Finance I](#)
- [MATH 4014 - Mathematics of Finance II](#)
- Core Humanities **6 cr.**
- Free Electives **18 cr.**

Total Hours 30

Total Hours for Concentration **121**

Proposed Degree Plan:

**Mathematics, Actuarial Science
Concentration, B.S.**

← Return to: [Colleges/Schools - Academic Programs](#)

Required for a Concentration in Actuarial Science:

- [MATH 1016 - Elementary Statistics](#)
- [MATH 2002 - Applied Linear Algebra *](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics *](#)
- [MATH 3003 - Mathematical Statistics](#)
- [MATH 3040 – Introduction to Analysis and Algebra](#)
- [MATH 4003 - Mathematical Statistics](#)
- [MATH 4004 - Mathematical Statistics](#)
- [MATH 4013 - Mathematics of Finance I](#)
- [MATH 4014 - Mathematics of Finance II](#)

Total of 31 semester hours

Students must select a minor from a related field of study. All choices of minors and Mathematics electives must be approved by an advisor.

Freshman Year

- [ENGL 1001 - Composition I](#)
- [ENGL 1002 - Composition II](#)
- [MATH 1016 - Elementary Statistics](#)
- [MATH 1031 - Calculus I](#) ^{cm}
- [MATH 1032 - Calculus II](#) ^{cm}
- [BIOL 1020 - Principles of Biology I](#) ^{cnp}
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [CSCI 2000 - Introduction to Computer Programming](#)
- Core Social Sciences **3 cr.**
- Core Fine Arts **3 cr.**
- [UNIV 1001 - University Seminar](#)

Total Hours 30

Sophomore Year

- [PHYS 2007 - University Physics I](#) ^{cnp}
- [PHYS 2009 - Physics Laboratory I](#)
- [PHYS 2008 - University Physics II](#) ^{cnp}
- [PHYS 2010 - Physics Laboratory II](#)
- [MATH 2002 - Applied Linear Algebra](#)
- [MATH 2032 - Calculus III](#)
- [MATH 2040 - Foundations of Mathematics](#)
- [MATH 3003 - Mathematical Statistics](#)
- [ACCT 2012 - Introductory Financial Accounting](#)
- [ACCT 2013 - Introductory Managerial Accounting](#)
- [ECON 2001 - Macroeconomic Principles](#)

Total Hours 30

Junior Year

- [MATH 3040 – Introduction to Analysis and Algebra](#)

- [MATH 4003 - Mathematical Statistics](#)
- [MATH 4004 - Mathematical Statistics](#)
- [FINA 3015 - Business Finance](#)
- Core Humanities **3 cr.**
- Free Electives **15 cr.**

Total Hours 30

Senior Year

- [MATH 4013 - Mathematics of Finance I](#)
- [MATH 4014 - Mathematics of Finance II](#)
- Core Humanities **6 cr.**
- Free Electives **18 cr.**

Total Hours 30

Total Hours for Concentration 120

Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

6. THE SCHOOL OF SCIENCES requests:

Presenter:	T. Doke
Action:	Create new course SCIE 1000 (Mathematics Workshop for Incoming Freshmen)
Description:	Review of fundamental topics required for success in college algebra. Open only to incoming freshmen who participate in a mathematics study skills workshop. Credit/No Credit. Not for degree credit.
Credit Hours:	1-3
Current Level:	U
Activity Type:	LEC/LAB

Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	Summer 2016
Last Term Offered:	
Offered Fixed/Variable:	VARIABLE
Variable Range:	1-3
Abbreviated Course Title:	MATH WORKSHOP
UCC Decision:	APPROVED
Notes:	This course will be credit/no credit and not apply to any degree.

7. THE SCHOOL OF SCIENCES requests:

Presenter:	J. Anderson
Action:	Close and Remove PSCI 1001 (Physical Science I)
Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	
Last Term Offered:	Spring 2017
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

8. THE SCHOOL OF SCIENCES requests:

Presenter:	J. Anderson
Action:	Close and Remove PSCI 1002 (Physical Science II)
Credit Hours:	
Current Level:	U
Activity Type:	

Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	
Last Term Offered:	Spring 2017
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

9. THE SCHOOL OF SCIENCES requests:

Presenter:	J. Anderson
Action:	Create new course PHYS 1001 (The Physics of Everyday Phenomena I)
Description:	
This is a conceptual physics class involving the principles and laws of kinematics, forces, energy, momentum, linear and rotation motion, and statics. Selected topics may include fluids, vibrations, sound, kinetic theory, and heat.	
Prerequisite: None.	
Credit Hours:	3
Current Level:	U
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	Fall 2016
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	PhysEverydayPhenI
UCC Decision:	APPROVED
Notes:	

10. THE SCHOOL OF SCIENCES requests:

Presenter:	J. Anderson
Action:	Create new course PHYS 1002 (The Physics of Everyday Phenomena II)

Description:	
This is a conceptual physics class involving the principles and laws of electricity and magnetism. Selected topics may include light, electromagnetic waves, radiation, and modern physics.	
Prerequisite: PHYS 1001.	
Credit Hours:	3
Current Level:	U
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	Fall 2016
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	PhysEverydayPhenII
UCC Decision:	APPROVED
Notes:	

11. THE SCHOOL OF SCIENCES requests:

Presenter:	J. Anderson
Action:	Change University Core Curriculum for Natural/Physical Science
Current University Core Element:	
<p>NATURAL/PHYSICAL SCIENCES - 9 hours <i>*Six hours must be from a single subject area of biological or physical science. Three hours must be from the other area (i.e., both physical and biological sciences must be taken). Students may receive credit toward degree in only one of PHYS 2003, PHYS 2007 and PSCI 1001. Also, students may not receive credit toward degree in both GEOS 1001 and GEOL 1001.</i></p>	
PHYSICAL SCIENCES	
Atmospheric Sciences	
<u>ATMS 1001 - Introduction to the Atmosphere</u>	
<u>ATMS 1002 - Introduction to Severe Weather</u>	
<u>ATMS 1006 - Introduction to Climate Change</u>	
Chemistry	
<u>CHEM 1001 - Introductory Chemistry I</u>	
<u>CHEM 1002 - Introductory Chemistry II</u>	
<u>CHEM 1007 - General Chemistry I</u>	
<u>CHEM 1008 - General Chemistry II</u>	
<u>CHEM 1050 - Integrated Chemistry for Education Majors</u>	
Geology	
<u>GEOL 1001 - Physical Geology</u>	
<u>GEOL 1002 - Historical Geology</u>	

GEOL 1010 - The Age of Dinosaurs
GEOL 2006 - Engineering Geology

Geosciences

GEOS 1001 - Earth Science
GEOS 1002 - Natural Disasters and Hazards
GEOS 1050 - Integrated Geosciences for Education Majors
GEOS 2001 - Environmental Science
GEOS 2080 - Oceanography

Physical Science

PSCI 1001 - Physical Science I
PSCI 1002 - Physical Science II

Physics

PHYS 1050 - Integrated Physics for Education Majors
PHYS 2001 - Descriptive Astronomy

*PHYS 2003 - General Physics I
*PHYS 2004 - General Physics II

PHYS 2007 - University Physics I
PHYS 2008 - University Physics II

BIOLOGICAL SCIENCES

Biology

BIOL 1001 - The Living World
BIOL 1010 - Human Biology
BIOL 1014 - Fundamentals of Anatomy and Physiology I
BIOL 1015 - Fundamentals of Anatomy and Physiology II
BIOL 1020 - Principles of Biology I
BIOL 1022 - Principles of Biology II
BIOL 1050 - Integrated Biology for Education Majors

Proposed University Core Element:

NATURAL/PHYSICAL SCIENCES - 9 hours

**Six hours must be from a single subject area of biological or physical science. Three hours must be from the other area (i.e., both physical and biological sciences must be taken). Students may receive credit toward degree in only one of PHYS 1001, PHYS 2003, PHYS 2007 and PSCI 1001. Also, students may not receive credit toward degree in both GEOS 1001 and GEOL 1001.*

PHYSICAL SCIENCES

Atmospheric Sciences

ATMS 1001 - Introduction to the Atmosphere
ATMS 1002 - Introduction to Severe Weather
ATMS 1006 - Introduction to Climate Change

Chemistry

CHEM 1001 - Introductory Chemistry I
CHEM 1002 - Introductory Chemistry II

CHEM 1007 - General Chemistry I
CHEM 1008 - General Chemistry II
CHEM 1050 - Integrated Chemistry for Education Majors

Geology

GEOL 1001 - Physical Geology
GEOL 1002 - Historical Geology

[GEOL 1010 - The Age of Dinosaurs](#)
[GEOL 2006 - Engineering Geology](#)

Geosciences

[GEOS 1001 - Earth Science](#)
[GEOS 1002 - Natural Disasters and Hazards](#)
[GEOS 1050 - Integrated Geosciences for Education Majors](#)
[GEOS 2001 - Environmental Science](#)
[GEOS 2080 - Oceanography](#)

Physics

PHYS 1001 - The Physics of Everyday Phenomena I
PHYS 1002 - The Physics of Everyday Phenomena II

[PHYS 1050 - Integrated Physics for Education Majors](#)
[PHYS 2001 - Descriptive Astronomy](#)

*[PHYS 2003 - General Physics I](#)
 *[PHYS 2004 - General Physics II](#)

[PHYS 2007 - University Physics I](#)
[PHYS 2008 - University Physics II](#)

BIOLOGICAL SCIENCES

Biology

[BIOL 1001 - The Living World](#)
[BIOL 1010 - Human Biology](#)
[BIOL 1014 - Fundamentals of Anatomy and Physiology I](#)
[BIOL 1015 - Fundamentals of Anatomy and Physiology II](#)
[BIOL 1020 - Principles of Biology I](#)
[BIOL 1022 - Principles of Biology II](#)
[BIOL 1050 - Integrated Biology for Education Majors](#)

Credit Hours:	3
Current Level:	U
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	Summer 2016
First Term Offered:	Fall 2016
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	PhysEverydayPhenII
UCC Decision:	APPROVED
Notes:	