

All changes are effective Fall 2020, unless otherwise noted.

Academic Affairs *(moved and seconded in committee)*

Proposals for change(s) in an undergraduate program:

COLLEGE OF SCIENCE

1. Department of Computing Sciences

a. Applied Technology Minor (Form B – ID# 2734)

Applied Technology Minor

Program Requirements (18 credits)

Complete the following:

- CSCI 101 - Introduction to the Internet and World Wide Web (3 credits)
- CSCI 110 - Enterprise Business Applications (3 credits)
- CSCI 216 - Linux Fundamentals I (3 credits)
- CSCI 270 - Data Communication Systems and Networks (3 credits)
- Choose one CSCI course numbered 200 or above (3 credits)*
- Choose one CSCI course numbered 300 or above (3 credits)*

Total Credits Required: 18 credits

Information Applied Technology minor students must earn a grade of ‘C’ or better in each course taken that is applied toward the minor requirements.

*Courses taken elsewhere in the Applied Technology Minor may not be used to satisfy this requirement.

**** Coursework used to fulfill the requirements of this minor may not be counted toward any other minor offered by the Department of Computing Sciences. This minor cannot be used to fulfill a required minor, cognate, information systems environment, or application area requirement for any major offered by the Department of Computing Sciences.**

b. Cybersecurity Minor (Form B – ID# 2735)

Cybersecurity Minor

Program Requirements (18 credits)*

Complete the following:

- CSCI 101 - Introduction to the Internet and World Wide Web (3 credits)
- CSCI 110 - Enterprise Business Applications (3 credits)
- CSCI 216 - Linux Fundamentals I (3 credits)
- CSCI 270 - Data Communication Systems and Networks (3 credits)
- Choose one CSCI course numbered 200 or above (3 credits)*
- Choose one CSCI course numbered 300 or above (3 credits)*

Total Credits Required: 18 credits

Cybersecurity minor students must earn a grade of ‘C’ or better in each course taken that is applied toward the minor requirements.

*** Coursework used to fulfill the requirements of this minor may not be counted toward any other minor offered by the Department of Computing Sciences. This minor cannot be used to fulfill a required minor, cognate, information systems environment, or application area requirement for any major offered by the Department of Computing Sciences.**

c. Information Systems Technology Minor (Form B – ID# 2736)

Information Systems Technology Minor

Program Requirements (18-19 credits)*

Complete the following:

- CSCI 110 - Enterprise Business Applications (3 credits)
- CSCI 135 - Introduction to Programming (3 credits)
- CSCI 225 - Introduction to Relational Database and SQL (3 credits)
- CSCI 270 - Data Communication Systems and Networks (3 credits)

- CSCI 385 - Introduction to Information Systems Security (3 credits)

Choose one course from the following:

- CBAD 291 - Business Statistics (3 credits)
- PSYC 225 - Psychological Statistics (3 credits)
- PSYC 225L - Psychological Statistics Laboratory (1 credit)
- STAT 201 - Elementary Statistics (3 credits)
- STAT 201L - Elementary Statistics Computer Laboratory (1 credit)

Total Credits Required: 18-19 credits

Information Systems Technology minor students must earn a grade of ‘C’ or better in each course taken that is applied toward the minor requirements.

* Coursework used to fulfill the requirements of this minor may not be counted toward any other minor offered by the Department of Computing Sciences. This minor cannot be used to fulfill a required minor, cognate, information systems environment, or application area requirement for any major offered by the Department of Computing Sciences.

d. Information Technology Minor (Form B – ID# 2737)

Information Technology Minor

Program Requirements (18 credits)*

Complete the following:

- CSCI 135 - Introduction to Programming (3 credits)
- CSCI 211 - Computer Infrastructure (3 credits)
- CSCI 216 - Linux Fundamentals I (3 credits)
- CSCI 225 - Introduction to Relational Database and SQL (3 credits)
- CSCI 270 - Data Communication Systems and Networks (3 credits)
- Choose one CSCI course numbered 300 or above (3 credits)

Total Credits Required: 18 credits

Information Technology minor students must earn a grade of ‘C’ or better in each course taken that is applied toward the minor requirements.

* Coursework used to fulfill the requirements of this minor may not be counted toward any other minor offered by the Department of Computing Sciences. This minor cannot be used to fulfill a required minor, cognate, information systems environment, or application area requirement for any major offered by the Department of Computing Sciences.

2. Department of Physics and Engineering Science

a. Applied Physics, B.S. (Form B – ID# 1971)

Applied Physics, B.S.

Mission Statement

The mission of the Applied Physics program is to develop strong student competencies in physics and to develop strong critical reasoning skills in students that they can apply to all areas of study. The program's faculty is committed to providing meaningful undergraduate experiences for both majors and non-majors through high-quality, student-centered teaching and undergraduate research mentoring. Students completing a degree in Applied Physics should be well prepared for either a career or graduate school in physics or a related discipline.

Student Learning Outcomes

When students complete the program in Applied Physics, they will be able to:

1. Explain and apply the principles, concepts, and processes of physics.
2. Communicate and synthesize scientific knowledge through interactions with the scientific community and the public.
3. Analyze content, and identify and use appropriate tools to solve problems.
4. Use scientific reasoning to develop, test, analyze, and interpret models of physical systems.

The Applied Physics degree at CCU focuses on the application of physics to various problems in science and engineering. Students can easily merge their interest in physics with another subject at CCU such as chemistry, computer science, engineering science, marine science, or mathematics. Applied Physics students can also pursue the dual-degree engineering program with Clemson University.

Three concentrations are available: general, environmental, and engineering. All of these concentrations have a common core of introductory study (Conceptual Physics, Essentials of Physics I, and Fundamentals of Physics I and II with a strong math core) followed by more advanced courses in physics, research, and independent study, coupled with applied courses like physical oceanography and/or electronics and computer interfacing. Refer to major requirements for the courses that apply to each concentration. Students must earn a grade of 'C' or better in all foundation courses and major requirements.

Applied Physics majors will receive a strong technical background, which serves as a good foundation for careers in industry, manufacturing, government, medicine, research and

development, quality control, and environmental monitoring. Students interested in teaching science at the secondary level should also consider an Applied Physics degree and then pursue the M.A.T. (Master of Arts in Teaching) through the Spadoni College of Education.

Degree Requirements (120 Credits)

Core Curriculum Requirements

Core Curriculum (38-40 Total Credit Hours)

Graduation Requirements

Graduation Requirements (3-7+ Credits) *

Foundation Courses (~~27-35 Credits~~ 30-38 Credits) *

Complete the following courses:

- CHEM 111 - General Chemistry I (3 credits) AND *
- CHEM 111L - General Chemistry Laboratory I (1 credit) *
- MATH 160 - Calculus I (4 credits) *
- MATH 161 - Calculus II (4 credits)
- MATH 260 - Calculus III (4 credits)
- MATH 320 - Elementary Differential Equations (3 credits)
- PHYS 137 - Models in Physics (3 credits) AND *
- PHYS 137L - Models in Physics Laboratory (1 credit) *
- PHYS 211 - Essentials of Physics I (3 credits) AND
- PHYS 211L - Essentials of Physics I Laboratory (1 credit)
- PHYS 213 - Fundamentals of Physics I (3 credits) AND
- PHYS 213L - Fundamentals of Physics I Laboratory (1 credit)
- PHYS 214 - Fundamentals of Physics II (3 credits) AND
- PHYS 214L - Fundamentals of Physics II Laboratory (1 credit) AND
- **PHYS 250 Communicating STEM (3 credits)**

Note:

* Course credit hours only count once toward the total university graduation credit hour requirements. Click on Credit Sharing for more information.

Major Requirements (~~34-35 Credits~~ 33-34 Credits)

Complete the following courses:

- PHYS 301 - Analytical Mechanics (3 credits)
- PHYS 302 - Electricity and Magnetism (3 credits)
- PHYS 310 - Mathematical Methods in Physics (3 credits)
- PHYS 351 - Computational Methods in Physics (3 credits)
- PHYS 352 - Experimental Methods in Physics (3 credits)
- ~~PHYS 398 - Physics Seminar (1 credit)~~
- PHYS 499 Q - Applied Physics Capstone (3 credits)

Select one of the following concentrations:

General Concentration

Complete the following courses:

- PHYS 341 - Thermodynamics and Statistical Mechanics (3 credits)
- PHYS 303 - Quantum Mechanics (3 credits)
- Two 300 level or above science courses with prior approval from the department (6-8 credits)

Choose one course from the following:

- MATH 344 - Linear Algebra (3 credits)
- MATH 452 - Complex Variables (3 credits)

Environmental Physics Concentration

Complete the following courses:

- PHYS 341 - Thermodynamics and Statistical Mechanics (3 credits)
- One 300 level or above science course with prior approval from the department (3-4 credits)

Choose three courses from the following:

- MSCI 301 - Physical Oceanography (3 credits) AND
- MSCI 301L - Physical Oceanography Laboratory (1 credit)
- PHYS 430 - Fluid Mechanics (3 credits)
- PHYS 431 - Geophysical Fluid Dynamics (3 credits)
- PHYS 432 - Remote Sensing of the Environment (3 credits)
- PHYS 434 - Atmospheric Physics (3 credits)

Engineering Physics Concentration

Complete the following courses:

- PHYS 234 - Statics (3 credits)
- PHYS 235 - Electric Circuits (3 credits)
- MATH 344 - Linear Algebra (3 credits)
- One 300 level or above science course with prior approval from the department (3-4 credits)

Choose one course from the following:

- PHYS 321 - Electronics (3 credits)
- PHYS 430 - Fluid Mechanics (3 credits)

Note:

Students planning on transferring as part of the dual-degree program are encouraged to also take ENGR 101 at Coastal Carolina University.

Electives (~~3-18 Credits~~ **1-16 Credits**)

Total Credits Required: 120

Academic Affairs (*moved and seconded in committee*)

Proposals for a new undergraduate program:

COLLEGE OF HUMANITIES AND FINE ARTS

1. Department of History

a. Social Studies Minor (Form D – ID# 2694)

Social Studies Minor

The Social Studies Minor prepares students in the interdisciplinary field of social studies in order to possibly become eligible for graduate work in Coastal Carolina University's Master of Arts in Teaching (MAT) with a Concentration in Social Studies (9-12) program. Since social studies teachers at the secondary level are asked to instruct across multiple disciplines, this minor reflects coursework in geography, history, U.S. government, and economics—the areas promoted by the National Council for the Social Studies (NCSS)—as well as the social sciences as represented by anthropology, psychology, and sociology, also recognized by the NCSS. Students completing this minor train in social studies as an integrated study of the humanities and social sciences in the promotion of civic competence with a focus on

disciplinary content. The minor requires 18 credit hours, complementing a wide range of majors, but specifically anthropology and geography, economics, history, and political science. It complements Coastal Carolina University's Master of Arts in Teaching (MAT) with a Concentration in Social Studies (9-12) program.

Program Requirements (12 Credits)

Complete the following four courses.

- ECON 101 - Survey of Economics (3 credits)
- GEOG 121 - World Regional Geography (3 credits)
- HIST 201 - History of the United States from Discovery through Reconstruction (3 credits)
- POLI 201 - American National Government (3 credits)

Social Science Elective (3-4 Credits)

Choose one of the following courses (additional courses may be approved by the minor advisor):

- ANTH 101/L - Primates, People and Prehistory (4 credits)
- ANTH 102 - Understanding Other Cultures (3 credits)
- ANTH 120 - Cultures and Environments (3 credits)/GEOG 120 Cultures and Environments (3 credits)
- GEOG 301 - Concepts in Geography (3 credits)
- PSYC 101 - General Psychology (3 credits)
- SOC 101 - Introductory Sociology (3 credits)
- SOC 102 - Social Problems (3 credits)

Social Studies Elective (3 Credits)

Choose one of the following courses (additional courses may be approved by the minor advisor):

- ECON 110 - Personal Finance (3 credits)
- HIST 105 Q* - Pre-Modern World (3 credits)
- HIST 106 Q* - Modern World (3 credits)
- HIST 112 - World History since 1500 (3 credits)
- HIST 202 - History of the United States, Reconstruction to Present (3 credits)
- HIST 205 - U.S. History (3 credits)
- POLI 307 - The Scope of American Politics (3 credits)
- POLI 406 - American Political Thought (3 credits)

Total Credit Hours: 18-19 Credits

Academic Affairs (*moved and seconded in committee*)

Proposals for new undergraduate courses:

COLLEGE OF HUMANITIES AND FINE ARTS

1. Office of the Dean

a. FILM 401 – Special Topics in Film Studies (Form C – ID# 2747)

Proposed catalog description: FILM 401 - Special Topics in Film Studies (3 credits) Exact topics vary, but each is an interdisciplinary seminar on topics related to film studies, which may include the analysis, criticism, history and theory of film. This course may be repeated for credit under different topics. F, S, Su.

Course Prefix/Number: FILM 401

Course Title: Special Topics in Film Studies

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): None

Corequisite(s): None

Number of credits: 3 credits

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 20-35

Prior enrollment in course: n/a

Method of delivery: Depending on the topic and appropriate pedagogies, it could be delivered via classroom, online, or hybrid.

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

Considered for the QEP: No

b. FILM 451 – Special Topics in Film Production (Form C – ID# 2748)

Proposed catalog description: FILM 451 - Special Topics in Film Production (3 credits) Exact topics vary, but each is an interdisciplinary seminar on topics related to film production, which may include the directing, editing, and making of films and videos. This course may be repeated for credit under different topics. F, S, Su.

Course Prefix/Number: FILM 451

Course Title: Special Topics in Film Production
Primary Goal: This course may be taken as an elective
Repeatable for Credit: Yes
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): None
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 15-20
Prior enrollment in course: n/a
Method of delivery: Classroom or Hybrid
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No
Considered for the QEP: No

2. Department of Anthropology and Geography

a. **GEOG 343 – Environmental Issues in Docufilm** (Form C – ID# 2656)

Proposed catalog description: GEOG 343 - Environmental Issues in Docufilm (3 credits)
This course examines selected themes and issues in human-environment geography through documentary film. F, S, Su.

Course Prefix/Number: GEOG 343
Course Title: Environmental Issues in Docufilm
Primary Goal: This course may be taken as an elective or a cognate
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): None
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 20
Prior enrollment in course: n/a
Method of delivery: Distance Learning
Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

Considered for the QEP: No

3. Department of Communication, Media and Culture

a. COMM 431 – Effects and Representation from Popular Films (Form C – ID# 2651)

Proposed catalog description: COMM 431 - Effects and Representation from Popular Films (3 credits) Explores the communication of identity and representation in popular movies, from audience rather than creator perspectives. Focuses on the social, political, economic, and historical contexts in which such film representations emerged and evolved, as well as misrepresentation, exploitation, and appropriation of identities in messages experienced by mainstream audiences. Film techniques are explored from audience, film criticism, and communication perspectives, as are audience uses and effects of the films. F, S, Su.

Course Prefix/Number: COMM 431

Course Title: Effects and Representation from Popular Films

Primary Goal: This course may be taken as an elective or a cognate

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): None

Corequisite(s): None

Number of credits: 3 credits

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 25

Prior enrollment in course: n/a

Method of delivery: Classroom

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

Considered for the QEP: No

b. COMM 460 – Digital Video Editing (Form C – ID# 2760)

Proposed catalog description: COMM 460 - Digital Video Editing (3 credits) (= ARTS 460) This course teaches the principles and art behind editing film, video, and television. It explores such topics as the terminology and language of film editing. Students begin manipulating and editing footage. F, S, Su.

Course Prefix/Number: COMM 460

Course Title: Digital Video Editing
Primary Goal: This course may be taken as an elective or a cognate
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): None
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): ARTS 460
Course Restriction(s): None
Estimated enrollment: 12-15
Prior enrollment in course: 12-15
Method of delivery: Classroom, Hybrid
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No
Considered for the QEP: No

4. Department of Languages and Intercultural Studies

a. SPAN 385 – Latin American Cinema: Global Views from the South (Form C – ID# 2719)

Proposed catalog description: SPAN 385 - Latin American Cinema: Global Views from the South (3 credits) (Prereq: SPAN 315 or permission of instructor) In this course students have the opportunity to view and analyze contemporary Latin American films as a cultural and artistic production with an emphasis on the socio-political context of the region. Students learn about basic cinematographic vocabulary and techniques, which are a fundamental part of the visual language of film. In addition, the readings and class discussions expose students to a diverse array of critical perspectives on topics such as travel/tourism, labor, gender identity, corruption, violence, religion, family relations, and the middle class. This is a writing intensive course designed to hone students' Spanish language communication skills. F, S, Su.

Course Prefix/Number: SPAN 385
Course Title: Latin American Cinema: Global Views from the South
Primary Goal: This course may be taken as an elective
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): SPAN 315 or permission of instructor
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): None

Course Restriction(s): None
Estimated enrollment: 15-18
Prior enrollment in course: 15
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No
Considered for the QEP: No

5. Department of Visual Arts

a. ARTS 364 – Documentary Photography (Form C – ID# 2724)

Proposed catalog description: ARTS 364 - Documentary Photography (3 credits) (Prereq: ARTS 362) This course explores the unique aesthetic and technical challenges of photographing a specific region for personal expression and historical documentation. Lecture topics include the history of landscape and documentary photography. Assignments focus on the documentation of natural, agricultural, as well as urban locations. Individual and group critiques guide student production. Students can work in digital and/or black and white and can use large, medium, or small-format cameras. Emphasis is placed upon intensive in-class field work. F, S, Su.

Course Prefix/Number: ARTS 364
Course Title: Documentary Photography
Primary Goal: This course may be taken as an elective or cognate
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): ARTS 362
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 20
Prior enrollment in course: 20
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No
Considered for the QEP: No

b. ARTS 460 – Digital Video Editing (Form C – ID# 2767)

Proposed catalog description: ARTS 460 - Digital Video Editing (3 credits) (= COMM 460)
This course teaches the principles and art behind editing film, video, and television. It explores such topics as the terminology and language of film editing. Students begin manipulating and editing footage. F, S, Su.

Course Prefix/Number: ARTS 460

Course Title: Digital Video Editing

Primary Goal: This course may be taken as an elective or cognate

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): None

Corequisite(s): None

Number of credits: 3 credits

Cross-listing(s): COMM 460

Course Restriction(s): None

Estimated enrollment: 12-15

Prior enrollment in course: n/a

Method of delivery: Classroom

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

Considered for the QEP: No

COLLEGE OF SCIENCE

1. Department of Mathematics and Statistics

a. MATH 133 – Calculus for Social Science (Form C – ID# 2527)

Proposed catalog description: MATH 133 - Calculus for the Social Sciences (3 credits)
(Prereq: a grade of 'C' or better in MATH 130 or MATH 130I or MATH 135 or Math Placement) Limits, derivatives of algebraic, exponential, and logarithmic functions, curve sketching, biological and social applications to optimization, and anti-differentiation. F, S.

Course Prefix/Number: MATH 133

Course Title: Calculus for Social Sciences

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): A grade of 'C' or better in MATH 130 or MATH 130I or MATH 135 or Math Placement
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: n/a
Prior enrollment in course: 60
Method of delivery: Classroom
Semester(s) offered: Fall
Considered for the Core Curriculum: Yes
Considered for the QEP: No

b. MATH 130A – College Algebra A (Form C – ID# 2838)

Proposed catalog description: Math 130A - College Algebra A (2 credits) This course is half of a standard college algebra course. It covers properties and applications of exponential and logarithmic functions, solving; linear, exponential and logarithmic equations, and using a calculator to create mathematical models for data sets. F, S, Su.

Course Prefix/Number: MATH 130A
Course Title: College Algebra A
Primary Goal: This course may be taken as an elective
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): None
Corequisite(s): None
Number of credits: 2 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 600
Prior enrollment in course: 600
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No
Considered for the QEP: No

c. **MATH 130B – College Algebra B** (Form C – ID# 2841)

Proposed catalog description: MATH 130B - College Algebra B (2 credits) (Prereq: A grade of 'C' or better in MATH 130 A) This course is half of a standard college algebra course. Topics covered include properties and applications of power functions, polynomials and rational functions, solving polynomial and rational equations, and using a calculator to create mathematical models for data sets. F, S, Su.

Course Prefix/Number: MATH 130B

Course Title: College Algebra B

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A grade of 'C' or better in MATH 130A

Corequisite(s): None

Number of credits: 2 credits

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 600

Prior enrollment in course: 600

Method of delivery: Classroom

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

Considered for the QEP: No

d. **MATH 160A – Calculus I A** (Form C – ID# 2842)

Proposed catalog description: MATH 160A - Calculus I A (2 credits)(Prereq: A grade of 'C' or better in MATH 131 or MATH 135, or by Mathematics Placement) This course develops the basic tools of differential calculus, which are limits, continuity, and differentiation. Real world applications using differentiation include rates of change problems in the Natural and Social Sciences. F, S, Su.

Course Prefix/Number: MATH 160A

Course Title: Calculus I A

Primary Goal: This course is required for a major and a minor

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A grade of “C” or better in MATH 131 or MATH 135, or by Mathematics Placement
Corequisite(s): None
Number of credits: 2 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 360
Prior enrollment in course: 360
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: Yes
Considered for the QEP: No

e. **MATH 160B – Calculus I B** (Form C – ID# 2843)

Proposed catalog description: MATH 160B - Calculus I B (2 credits) (Prereq: A grade of ‘C’ or better in MATH 160A) This course covers further applications of differentiation. This includes the behavior of a function and curve sketching, optimization, related rates, and linear approximations. In addition, the basic tools of integral calculus are introduced along with the Fundamental Theorem of Calculus. F, S, Su.

Course Prefix/Number: MATH 160B
Course Title: Calculus I B
Primary Goal: This course is required for a major and a minor
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): A grade of ‘C’ or better in MATH 160A
Corequisite(s): None
Number of credits: 2 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 360
Prior enrollment in course: 360
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: Yes
Considered for the QEP: No

f. MATH 161A – Calculus II A (Form C – ID# 2844)

Proposed catalog description: MATH 161A - Calculus II A (2 credits) (Prereq: A grade of 'C' or better in MATH 160 or MATH 160B) Techniques and applications of integration are studied. F, S, Su.

Course Prefix/Number: MATH 161A

Course Title: Calculus II A

Primary Goal: This course is required for a major and a minor

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A grade of 'C' or better in MATH 160 or MATH 160B

Corequisite(s): None

Number of credits: 2 credits

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 210

Prior enrollment in course: n/a

Method of delivery: Classroom

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

Considered for the QEP: No

g. MATH 161B – Calculus II B (Form C – ID# 2845)

Proposed catalog description: MATH 161B - Calculus II B (2 credits) (Prereq: A grade of 'C' or better in MATH 161A) Improper integrals, Sequences and Series, and Taylor Polynomials are studied. F, S, Su.

Course Prefix/Number: MATH 161B

Course Title: Calculus II B

Primary Goal: This course is required for a major and a minor

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A grade of 'C' or better in MATH 161A

Corequisite(s): None

Number of credits: 2 credits

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 210
Prior enrollment in course: 210
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No
Considered for the QEP: No

Academic Affairs (*moved and seconded in committee*)

Proposals for change(s) in, restoration of, or removal of undergraduate courses:

COLLEGE OF HUMANITIES AND FINE ARTS

1. Department of Theatre

a. THEA 175 – Jazz I

Proposed revision(s): Other Course Change (Form A – ID# 2704)

Course Action(s): Change to prerequisite: **FROM:** None **TO:** THEA 114

Proposed catalog description:

THEA 175 - Jazz I (2 credits) (Prereq: THEA 114 or permission of instructor)
Introduction to the style, technique, and rhythmic structures of Jazz dance. F, S.

b. THEA 174 – Ballet I

Proposed revision(s): Other Course Change (Form A – ID# 2705)

Course Action(s): Change to prerequisite: **FROM:** None **TO:** THEA 114

Proposed catalog description:

THEA 174 - Ballet I (2 credits) (Prereq: THEA 114 or permission of instructor) This course focuses on the fundamentals of classical Ballet technique, providing to students a basic understanding and awareness of Ballet terminology and physical vocabulary. The goal is to establish proper body alignment and technique as well as implement an expressive performance quality in the studio. This course is repeatable for credit up to three times. F, S.

2. Department of Visual Arts

a. ARTS 208 – Sculpture I

Proposed revision(s): Other Course Change (Form A – ID# 2475)

Course Action(s): Change to prerequisite: **FROM:** ARTS 104 or permission of instructor **TO:** ARTS 104; **FROM:** Sculpture **TO:** Sculpture I

Proposed catalog description:

ARTS 208 - Sculpture I (3 credits) (Prereq: ARTS 104) This course is an introduction to the processes and materials of sculpture, including mold making, casting, wood construction and fabrication. F, S.

COLLEGE OF SCIENCE

1. Department of Computing Sciences

a. CSCI 303 - Introduction to Server-side Web Application Development

Proposed revision(s): Other Course Change (Form A – ID# 2728)

Course Action(s): Change to prerequisites: **FROM:** CSCI 135 or CSCI 140/CSCI 140L; CSCI 120; and CSCI 225; all with a grade of ‘C’ or better **TO:** CSCI 145 or CSCI 150/CSCI 150L; CSCI 120; and CSCI 225; all with a grade of ‘C’ or better

Proposed catalog description:

CSCI 303 - Introduction to Server-side Web Application Development (3 credits) (Prereq: CSCI 145 or CSCI 150/CSCI 150L; CSCI 120; and CSCI 225; all with a grade of ‘C’ or better) A thorough introduction to development and deployment of web-based applications. Topics include middleware programming concepts, client server architecture, database access, state management, and application security. Students are expected to already have proficiency with introductory computer programming, HTML, CSS, Javascript, and SQL or other database query framework. F, S.

2. Department of Mathematics and Statistics

a. MATH 205 – Algebraic Thinking for Middle School Teachers

Proposed revision(s): Other Course Change (Form A – ID# 2643)

Course Action(s): Change to prerequisites: **FROM:** A grade of ‘C’ or better in MATH 160 **TO:** A grade of ‘C’ or better in MATH 160 or MATH 132

Proposed catalog description:

MATH 205 - Algebraic Thinking for Middle School Teachers (3 credits) (Prereq: A grade of ‘C’ or better in MATH 160 or MATH 132) An exploration into algebraic thinking for pre-service middle school students through connecting algebra to other areas

of mathematics. Problem solving, matrix logic, recursive relationships, functions, statistics, proportional reasoning, geometry, and graphing are examined. F, even years.

b. STAT 201 – Elementary Statistics

Proposed revision(s): Other Course Change (Form A – ID# 2670)

Course Action(s): Change to prerequisites: **FROM:** A grade of ‘C’ or better in MATH 130, MATH 130I, or MATH 139 **TO:** A grade of ‘C’ or better in MATH 130, MATH 130I, MATH 135, or MATH 139

Proposed catalog description:

STAT 201 - Elementary Statistics (3 credits) (Prereq: A grade of ‘C’ or better in MATH 130, MATH 130I, MATH 135, or MATH 139) (Coreq: STAT 201L) An introductory course in the fundamentals of modern statistical methods. Topics include descriptive statistics, introduction to probability, random variables and sampling distribution, linear regression and correlation, testing of hypothesis concerning one and two population samples, confidence interval estimation of parameters and introduction to one way ANOVA (analysis of variance). Primarily for students in the field of science who need basic knowledge of statistics. F, S, Su.

Graduate Council (*moved and seconded in committee*)

Proposal(s) for change(s) in a graduate course:

1. Department of Literacy, Sp. Education

a. EDSP 697 – Practicum in Special Education

Proposed revision(s): Other Course Change (Form A – ID# 112)

Course Action(s): Change to course title: **FROM:** Practicum in Special Education **TO:** Practicum in Learning Disabilities; Practicum in Emotional/Behavioral Disabilities; Practicum in Intellectual Disabilities and Practicum in Severe Disabilities; Change to course number: **FROM:** EDSP 697 **TO:** EDSP 697*LD, EDSP 697*ED, EDSP 697*ID, EDSP 697*SD

Proposed catalog description:

EDSP 697*LD - Practicum in Learning Disabilities (3 credits) (Prereq: EDSP 200, EDSP 692 or instructor permission)(= EDSP 697*ED, EDSP 697*ID; EDSP 697*SD)
Supervised field experience requiring a minimum of 60 hours of special education services provided to early childhood to high school students with disabilities in the chosen concentration area (Early Childhood Special Education, Emotional/Behavioral Disorders, Intellectual Disabilities, Learning Disabilities, or Severe Disabilities). Related

seminars address timely issues in special education; integrating research-based practices in the classroom; and community resources. F, S.

EDSP 697*ED - Practicum in Emotional/Behavioral Disabilities (3 credits) (Prereq: EDSP 200, EDSP 692, or instructor permission)(= EDSP 697*LD, EDSP 697*ID; EDSP 697*SD) Supervised field experience requiring a minimum of 60 hours of special education services provided to early childhood to high school students with disabilities in the chosen concentration area (Early Childhood Special Education, Emotional/Behavioral Disorders, Intellectual Disabilities, Learning Disabilities, or Severe Disabilities). Related seminars address timely issues in special education; integrating research-based practices in the classroom; and community resources. F, S.

EDSP 697*ID - Practicum in Intellectual Disabilities (3 credits) (Prereq: EDSP 200, EDSP 692, or instructor permission)(= EDSP 697*ED, EDSP 697*LD; EDSP 697*SD) Supervised field experience requiring a minimum of 60 hours of special education services provided to early childhood to high school students with disabilities in the chosen concentration area (Early Childhood Special Education, Emotional/Behavioral Disorders, Intellectual Disabilities, Learning Disabilities, or Severe Disabilities). Related seminars address timely issues in special education; integrating research-based practices in the classroom; and community resources. F, S.

EDSP 697*SD - Practicum in Severe Disabilities (3 credits) (Prereq: EDSP 200, EDSP 692, or instructor permission)(= EDSP 697*ED, EDSP 697*ID; EDSP 697*LD) Supervised field experience requiring a minimum of 60 hours of special education services provided to early childhood to high school students with disabilities in the chosen concentration area (Early Childhood Special Education, Emotional/Behavioral Disorders, Intellectual Disabilities, Learning Disabilities, or Severe Disabilities). Related seminars address timely issues in special education; integrating research-based practices in the classroom; and community resources. F, S.