

All changes are effective Fall 2022, unless otherwise noted.

Academic Affairs (*moved and seconded in committee*)

Proposal for change(s) in an undergraduate program:

COLLEGE OF SCIENCE

1. Department of Computing Sciences

a. Web Application Development Minor (Form B – ID # 708)

The purpose of the minor in web application development is to provide programming-level training in the technology needed to develop database-driven web applications.

Program Requirements (18 Credits) * Complete the

following:

- CSCI 120 - Introduction to Web Interface Development (3 credits)
- CSCI 135 - Introduction to Programming (3 credits)
- CSCI 145 - Intermediate Programming (3 credits)
- CSCI 225 - Introduction to Relational Database and SQL (3 credits)
- CSCI 303 - Introduction to Server-side Web Application Development (3 credits)

Choose one from the following:

- ~~CSCI 365 - Internet Marketing (3 credits)~~
- CSCI 375 - Introduction to Multimedia Applications (3 credits)
- CSCI 409 - Advanced Web Application Development (3 credits)

Total Credits Required: 18 Credits

Web Application Development 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.

b. Computer Sciences (Form B – ID #709)

Computer Science, B.S.

Students must earn a grade of 'C' or better in all foundation and major requirement courses.

Degree Requirements (123-137 Credits)

Core Curriculum Requirements

Core Curriculum (38-40 Total Credit Hours)

Graduation Requirements

Graduation Requirements (3-7+ Credits) * **Foundation**

Requirements (28-30 Credits) * Complete the following

courses:

- MATH 160 - Calculus I (4 credits) OR
- MATH 160A - Calculus I A (2 credits) AND
- MATH 160B - Calculus I B (2 credits)
- MATH 161 - Calculus II (4 credits) OR
- MATH 161A - Calculus II A (2 credits) AND
- MATH 161B - Calculus II B (2 credits)
- MATH 174 - Introduction to Discrete Mathematics (3 credits)
- STAT 201 - Elementary Statistics (3 credits) AND
- STAT 201L - Elementary Statistics Computer Laboratory (1 credit) Choose one

course from the following:

- MATH 242 - Modeling for Scientists I (3 credits) AND
- MATH 242L - Modeling for Scientists I Laboratory (1 credit)
- MATH 220 - Mathematical Proofs and Problem Solving (3 credits)

- MATH 260 - Calculus III (4 credits)
- MATH 307 - Combinatorics (3 credits)
- MATH 308 - Graph Theory (3 credits)
- MATH 320 - Elementary Differential Equations (3 credits)
- MATH 344 - Linear Algebra (3 credits)
- MATH 407 - Coding Theory (3 credits)
- MATH 408 - Cryptography (3 credits) Choose two courses from the following:
- BIOL 121 - Biological Science I (3 credits) AND
- BIOL 121L - Biological Science I Laboratory (1 credit)
- BIOL 122 - Biological Science II (3 credits) AND
- BIOL 122L - Biological Science II Laboratory (1 credit)
- CHEM 111 - General Chemistry I (3 credits) AND
- CHEM 111L - General Chemistry Laboratory I (1 credit)
- CHEM 112 - General Chemistry II (3 credits) AND
- CHEM 112L - General Chemistry Laboratory II (1 credit)
- MSCI 111 - Introduction to Marine Science (3 credits) AND
- MSCI 111L - The Present-Day Marine Environment Laboratory (1 credit)
- MSCI 112 - Introduction to Earth and Marine Geology (3 credits) AND
- MSCI 112L - Introduction to Earth and Marine Geology Lab (1 credit)
- 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 212 - Essentials of Physics II (3 credits) AND
- PHYS 212L - Essentials of Physics II Laboratory (1 credit)
- PHYS 235 - Electric Circuits (3 credits) Choose one course from the following:
- COMM 140 - Modern Human Communication: Principles and Practices (3 credits)

- ENGL 290 - Introduction to Business Communication (3 credits)
- ENGL 390 - Business and Professional Communication (3 credits)

Major Requirements (60 Credits) Complete

the following courses:

- CSCI 120 - Introduction to Web Interface Development (3 credits)
- CSCI 135 - Introduction to Programming (3 credits)
- CSCI 145 - Intermediate Programming (3 credits)
- CSCI 210 - Computer Organization and Programming (3 credits)
- CSCI 220 - Data Structures (3 credits)
- CSCI 250 Q* - Information Management (3 credits)
- CSCI 270 - Data Communication Systems and Networks (3 credits)
- Choose one CSCI course numbered 200 or above (3 credits) **
- CSCI 330 - Systems Analysis & Software Engineering (3 credits)
- CSCI 350 - Organization of Programming Languages (3 credits)
- CSCI 356 - Operating Systems (3 credits)
- CSCI 380 - Introduction to the Analysis of Algorithms (3 credits)
- CSCI 385 - Introduction to Information Systems Security (3 credits)
- CSCI 390 - Theory of Computation (3 credits)
- CSCI 401 - Ethics and Professional Issues in Computing (3 credits)
- CSCI 473 - Introduction to Parallel Systems (3 credits) Choose one course from

the following:

- CSCI 207 - Programming in C++ (3 credits)
- CSCI 208 - Programming in Visual Basic (3 credits)
- CSCI 209 - Programming in Java (3 credits) Choose three courses from the

following:

- CSCI 310 - Introduction to Computer Architecture (3 credits)
- CSCI 425 - Database Systems Design (3 credits)
- CSCI 440 - Introduction to Computer Graphics (3 credits)
- **CSCI 445 - Image Processing and Analysis (3 credits)**
- ~~CSCI 445 Q* - Image Processing and Analysis (3 credits)~~
- CSCI 480 - Introduction to Artificial Intelligence (3 credits)
- CSCI 484 - Machine Learning (3 credits)
- CSCI 485 - Introduction to Robotics (3 credits)

- CSCI 490 - Software Engineering II (3 credits) **Total Credits Required: 123-137**

Note:

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

** Courses taken elsewhere in the Core, Foundation, or Major may not be used to satisfy these requirements.

1. Department of Kinesiology

a. Exercise and Sport Science (Form B – ID # 627)

Exercise and Sport Science, B.S.: Exercise Science Professional Concentration

Through coursework, research, and practice, the Bachelor of Science in exercise and sport science (EXSS) prepares students for entry into this dynamic and growing field. Students in the EXSS program acquire the knowledge, skills, and abilities of effective beginning professionals. Students study scientific and foundational content of human movement, engage in scholarly inquiry, and apply knowledge and theory to practice.

Graduates of the EXSS major are trained to assess, design, and implement individual and group exercise programs for healthy individuals as well as those with chronic disease. They are skilled in evaluating health behaviors and risk factors, conducting fitness assessments, writing appropriate exercise prescriptions, and motivating individuals to modify negative health habits and maintain positive lifestyle behaviors. The exercise and sport science professional has demonstrated competence as a leader in university, corporate, commercial, or community settings in which their clients participate in movement and fitness-related activities. They are also prepared for advanced study in allied health or medical related fields (e.g. physical therapy, cardiac rehabilitation). In addition, upon completion, students will have the knowledge and skills required to complete one or more of the certification programs offered by organizations such as the American College of Sports Medicine and the National Strength and Conditioning Association.

Mission Statement

Coastal Carolina University's exercise and sport science (EXSS) program is comprised of teacher-scholars trained to prepare students for successful entry into EXSS professions and related graduate study. The program provides a focal point for scientific scholarship and

expertise through the development and dissemination of faculty-driven research and scholarship. EXSS provides students with multiple opportunities for active learning through laboratory-based activities, student-mentored research, service to local communities, and internship experiences. Through these activities, students acquire knowledge of scientifically-based health/fitness concepts and develop skills related to exercise programming and leadership with the ultimate goal of enhancing the quality of life for residents of Horry County and beyond.

Student Learning Outcomes

At the completion of the exercise and sport science program, students will be able to:

Describe and apply anatomical, physiological, biomechanical, biochemical, behavioral, and psychological concepts important to physical activity and exercise settings.

Properly conduct health appraisals and assessments using current technologies and scientifically-based methods for a variety of populations and settings.

Properly plan and evaluate individualized exercise prescriptions and programs using health/fitness appraisals and assessments, knowledge of risk factors, and individual health status. Properly implement individualized and group exercise programs by using correct exercise techniques, methods, and programmatic variables.

Apply the skills of scientific inquiry, research, and evaluation in the field of exercise and sport science. Monitor program administration including, but not limited to, management of emergency and safety procedures, risk management, facility design, and program evaluation/assessment.

Demonstrate the dispositions of an effective entry-level exercise science professional including, but not limited to, physical activity and exercise, working within specific community or agency goals, and serving as a resource person.

Policies and Requirements

Students must earn a grade of 'C' or better in each course used to satisfy a) EXSS major requirements and b) all EXSS foundation courses. A grade of 'C' or better is also required in ENGL 101 and ENGL 102.

All EXSS students are required to successfully complete one of the EXSS Concentration: Exercise Science

Professional Concentration, Strength and Conditioning Concentration, or Pre-Allied Health Professions Concentration. A grade of 'C' or better is required for all concentration courses.

Admission requirements to the internship (EXSS 495):

Demonstration of acceptable professional dispositions;

'C' or better in all EXSS major requirements;
'C' or better in all EXSS foundation requirements;
Successful completion of all undergraduate required coursework;
Current CPR certification.

Degree Requirements (120 Credits)

Core Curriculum Requirements (38-40 Credits)

Core Curriculum (36-40 Total Credit Hours)

Graduation Requirements (3-6+ Credits) *

Foundation Courses (19-33 Credits)

Complete the following courses:

BIOL 121 - Biological Science I (3 credits)

BIOL 121L - Biological Science I Laboratory (1 credit) AND

BIOL 232 - Human Anatomy and Physiology I (3 credits) AND

BIOL 232L - Human Anatomy and Physiology I Laboratory (1 credit)

BIOL 242 - Human Anatomy and Physiology II (3 credits) AND

BIOL 242L - Human Anatomy and Physiology II Laboratory (1 credit)

EXSS 122 - Lifetime Fitness and Physical Activity (3 credits)

EXSS 222 - Functional Kinesiology and Sport Conditioning (3 credits)

Choose one course from the following:

CHEM 101 - Introductory Chemistry (3 credits) AND

CHEM 101L - Introductory Chemistry Laboratory (1 credit)

CHEM 111 - General Chemistry I (3 credits) AND
CHEM 111L - General Chemistry Laboratory I (1 credit)

PHYS 205 - Introductory Physics for Life Sciences I (3 credits) AND
PHYS 205L - Introductory Physics for Life Sciences I Laboratory (1 credit)

PHYS 211 - Essentials of Physics I (3 credits) AND
PHYS 211L - Essentials of Physics I Laboratory (1 credit)

Choose one course from the following:

MATH 131 - Trigonometry (3 credits)
MATH 132 - Calculus for Business and Social Science (3 credits)
MATH 135 - Precalculus (4 credits)
MATH 160 - Calculus I (4 credits) OR
MATH 160A - Calculus I A (2 credits) AND
MATH 160B - Calculus I B (2 credits)

Complete the following:

STAT 201 - Elementary Statistics (3 credits) AND
STAT 201L - Elementary Statistics Computer Laboratory (1 credit)

Choose one course from the following:

PSYC 101 - General Psychology (3 credits)
SOC 101 - Introductory Sociology (3 credits)

Major Requirements (31 Credits)

Complete the following courses:

EXSS 205 - Introduction to Exercise and Sport Science (3 credits)

EXSS 310 - Exercise and Sport Nutrition (3 credits)

EXSS 330 - Injury Management (3 credits)

EXSS 340 - Sport and Exercise Behavior (3 credits)

EXSS 350 - Exercise Physiology (3 credits) AND

EXSS 350L - Laboratory in Exercise Physiology (1 credit)

EXSS 360 - Motor Behavior (3 credits) AND

EXSS 360L - Laboratory in Motor Behavior (1 credit)

EXSS 385 - Exercise Testing and Prescription (3 credits) AND

EXSS 385L - Laboratory in Exercise Testing and Prescription (1 credit)

EXSS 400 - Biomechanics (3 credits)

EXSS 415 - Personal Fitness Leadership (3 credits)

EXSS 490 - Seminar in Exercise and Sport Science (1 credit)

Students must complete ONE of the concentration experiences. Students are strongly encouraged to consult with their academic advisor when making this selection.

Exercise Science Professional Concentration

The Exercise Science Professional concentration is designed to give students significant real-life exposure to the profession. Students will complete a semester long internship in an exercise science related organization that aligns with their career goals. Options include, but are not limited to, cardiac rehabilitation, corporate health and wellness programs, and sport-specific and personal training.

Exercise Science Professional Courses (15-18 Credits)

Complete the following:

EXSS 410 – Cardiopulmonary Rehabilitation (3 credits)

EXSS 495 Q - Internship in Exercise and Sport Science (9 or 12 credits)

~~Exercise Science Electives – Choose six (6) credits from the following:~~

Exercise Science Elective - Choose three (3) credits from the following:

EXSS 320 - Research Design in Exercise Science (3 credits)

EXSS 390 - Strength and Conditioning (3 credits)

EXSS 399 - Independent Study in Exercise and Sport Science (1 to 3 credits)

EXSS 401 - Psychology of Sport-Related Injury (3 credits)

EXSS 405 - Exercise Testing and Prescription for Diverse Populations (3 credits)

~~EXSS 410 – Cardiopulmonary Rehabilitation (3 credits)~~

EXSS 420 - Exercise and Aging (3 credits)

EXSS 450 - Laboratory Skills in Exercise Science (3 credits)

EXSS 499 - Directed Undergraduate Research in Exercise and Sport Science (1 to 6 credits)

Electives (0-8 Credits)

Total Credits Required: 120

Academic Affairs (*moved and seconded in committee*)

Proposals for new undergraduate courses:

COASTAL STUDENT SUCCESS CENTER

1. Coastal Student Success Center

a. UNIV 210- Sophomore-Year Experience (Form C – ID# 604)

Proposed catalog description: UNIV 210 - Sophomore-Year Experience (3 credits) Course Restriction(s): Student must be considered a sophomore or have taken/be registered for at least 30 hours at the time they register. This course is designed to support continued academic growth through the integration of campus and community curricular and co-curricular experiences, and the relational transition of second year students. The course focuses on further developing academic and campus engagement, career maturity, self-regulatory learning, growth mindset and resiliency, and personal growth. F,S

Course Prefix/Number: UNIV 210

Course Title: Sophomore-Year Experience
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): Student must be considered a sophomore or have taken/be registered for at least 30 hours at the time they register.
Estimated enrollment: 25
Prior enrollment in course: n/a
Method of delivery: Classroom
Semester(s) offered: Fall, Spring
Considered for the Core Curriculum: No

COLLEGE OF EDUCATION AND SOCIAL SCIENCES

1. **Department of Graduate and Special Studies**

a. **EDSC 449 - Principles and Methods of Teaching Social Studies** (Form C – ID# 543)

Proposed catalog description: EDSC 449 Principles and Methods of Teaching Social Studies (3 credits) (Prerequisite: EDSC 349) Study of methods, techniques, and materials appropriate to teaching social studies. A clinical experience in public schools is included. F

Course Prefix/Number: EDSC 449
Course Title: Principles and Methods of Teaching Social Studies
Primary Goal: This course may be taken as an elective
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): EDSC 349
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): EDSC 549
Course Restriction(s): None
Estimated enrollment: 25

Prior enrollment in course:15-20
Method of delivery: Other
Semester(s) offered: Fall
Considered for the Core Curriculum: No

2. EDSC 490 – Internship (Form C – ID# 552)

Proposed catalog description: EDSC 490 Internship (9 credits) (Coreq: EDSC 480) Supervised teaching experience. Interns are assigned to schools for a period of no fewer than 60 instructional days. F,S
Course Prefix/Number: EDSC 490
Course Title: Internship
Primary Goal: This course may be taken as an elective
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: Yes
Prerequisite(s):
Corequisite(s): EDSC 480
Number of credits: 9 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 25
Prior enrollment in course: N/A
Method of delivery: Other
Semester(s) offered: Fall, Spring
Considered for the Core Curriculum: No

COLLEGE OF HUMANITIES AND FINE ARTS

1. Department of Communication, Media and Culture

a. COMM 201– Communicating with Cultural Awareness: Diversity, Difference, and Inclusion (Form C – ID# 583)

Proposed catalog description: COMM 201 Communicating with Cultural Awareness: Diversity, Difference, and Inclusion (3 credits) Examines how people communicate with cultural mindfulness and awareness in everyday life. Students learn communication concepts,

strategies, and theories for inclusive communication in personal, social, and professional contexts. F, S

Course Prefix/Number: COMM 201

Course Title: Communicating with Cultural Awareness: Diversity, Difference, and Inclusion

Primary Goal: This course is required for a major or can 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: 24

Prior enrollment in course: n/a

Method of delivery: Classroom

Semester(s) offered: Fall, Spring

Considered for the Core Curriculum: No

b. COMM 406– Communication Identity in Sport (Form C – ID# 584)

Proposed catalog description: COMM 406 Communication Identity in Sport (3 credits) Facilitates in-depth understanding and application of theory to the study of sport, communication, and the social construction of identity. Teaches analysis and critique of how sport serves as a historical and cultural force in the social construction of identity as well as how sport serves as a site for resistance and power, both locally and globally. Topics may include examination of communicative constructions and representations at the intersection of race, gender, sexuality, ability, national identity, and other identity factors that are influenced by and exert influence upon sport. F

Course Prefix/Number: COMM 406

Course Title: Communication Identity in Sport

Primary Goal: This course is required for a major, cognate, or can 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: 24
Prior enrollment in course: n/a
Method of delivery: Classroom
Semester(s) offered: Fall
Considered for the Core Curriculum: No

2. Department of Languages and Intercultural Studies

a. LIS 412– Mafia Movies (Form C – ID# 475)

Proposed catalog description: LIS 412 - Mafia Movies (3 credits) (Prereq: ENGL 101). Relying on the analysis of historical, anthropological, literary, and cinematic texts and adopting an intercultural perspective, this course explores representations of the Mafia in Italian and American cinema and TV series from the early 20th century to today. In addition to introducing students to essential character types, film techniques, and narrative conventions that distinguish the “mafia movie” from other related genres, this course raises key questions about cultural representations of power, stereotypes, migration, national identity, race, gender, class difference, anti-mafia activism, and social justice in rural and urban contexts. Offered as needed.

Course Prefix/Number: LIS 412
Course Title: Mafia Movies
Primary Goal: This course is cognate or may be taken as an elective
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): ENGL 101
Corequisite(s): None
Number of credits: 3 credits
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 18
Prior enrollment in course: 14
Method of delivery: Classroom
Semester(s) offered: As needed
Considered for the Core Curriculum: No

b. LIS 398– Asian Diaspora in the Francosphere (Form C – ID# 528)

Proposed catalog description: LIS 398 Asian Diaspora in the Francospheres (3 credits) The immigration waves of the late twentieth century have witnessed the emergence and success of a group of Asian Francophone writers who, originally from Asia, publish in France and Quebec, Canada. While French has become their authoring language, linguistic idioms, poetic imagery, and classical thought from Asian cultural heritage permeate their French texts and visual artworks, reflecting a strong translingual and intercultural sensibility. In this course, we explore the Asian experience of displacement, memory, belonging, and otherness in the literary works and cultural productions of the most acclaimed contemporary Asian Francophone writers. Together, we discuss the construction of Asian diasporic identities through the lens of diaspora, translinguality, and global mobility. F, S, Su.

Course Prefix/Number: LIS 398

Course Title: Asian Diaspora in the Francospheres

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

Prior enrollment in course: 28

Method of delivery: Classroom

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

COLLEGE OF SCIENCE

1. Department of Marine Science

a. MSCI 464 - Marine Molecular Ecology (Form C – ID# 608)

Proposed catalog description: MSCI 464 - Marine Molecular Ecology (3 credits) (Prereq: A grade of C or better in MSCI 302 and MSCI 302L or BIOL 350 and BIOL 350L) (Coreq: MSCI 464L) This course explores the application of phylogenetic and population genetics techniques to marine ecological and biological questions such as taxonomy and

identification, species discovery, cryptogenic species origins, invasion pathways, population connectivity, and conservation through examination of case studies in the marine environment and hands on practice of these techniques using student-generated and published data sets. Three lecture hours per week. F, S.

Course Prefix/Number: MSCI 464

Course Title: Marine Molecular Ecology

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 MSCI 302 and MSCI 302L or BIOL 350 and BIOL 350L

Corequisite(s): MSCI 464L

Number of credits: 3 credits

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 20

Prior enrollment in course: 10

Method of delivery: Classroom

Semester(s) offered: Fall, Spring

Considered for the Core Curriculum: No

b. MSCI 464L - Marine Molecular Ecology Laboratory (Form C – ID# 609)

Proposed catalog description: MSCI 464L - Marine Molecular Ecology Laboratory (1 credit) (Coreq: MSCI 464) This course demonstrates the topics and principles presented in lecture and provides hands on practice of these techniques using student-generated and published data sets. Three lab hours per week. F, S.

Course Prefix/Number: MSCI 464L

Course Title: Marine Molecular Ecology Laboratory

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): MSCI 464

Number of credits: 1 credit

Cross-listing(s): None

Course Restriction(s): None

Estimated enrollment: 20
Prior enrollment in course: 10
Method of delivery: Lab
Semester(s) offered: Fall, Spring
Considered for the Core Curriculum: No

***All MCES courses listed below have an effective date of fall 2023.**

c. MCES 395- Internship Experience in Marine Coastal Environmental Science (Form ID# 643)

Proposed catalog description: MCES 395 - Internship Experience in Marine Coastal Environmental Science (0 credits) (This course is restricted to MCES majors) (Prereq: Permission of the instructor and approved contract) Supervised and evaluated study in the laboratory or field. If desired, a student may register for MCES 397, MCES 398, or MCES 399 in subsequent semesters, and be awarded credit at the rate of 1 credit for every 50 hours of supervised study in the laboratory or field with a Satisfactory grade earned. Pass/Fail grading only. F, S, Su.

Course Prefix/Number: MCES 395

Course Title: Internship Experience in Marine Coastal Environmental Science

Primary Goal: This course may be taken as an elective.

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: Yes

Prerequisite(s): Permission of the instructor and approved contract

Corequisite(s): None

Number of credits: 0 credits

Cross-listing(s): None

Course Restriction(s): The course is restricted to MCES majors.

Estimated enrollment: 5

Prior enrollment in course: n/a

Method of delivery: Other

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

d. MCES 396- Practical Experience in Marine Coastal Environmental Science (Form C - ID# 644)

Proposed catalog description: MCES 396 - Practical Experience in Marine Coastal Environmental Science (0 credits) (This course is restricted to MCES majors) (Prereq:

Permission of the instructor and approved contract) Practical experience through observing and assisting in the conduct of field or laboratory research related to marine coastal environmental science. Pass/Fail grading only. F, S, Su.

Course Prefix/Number: MCES 396

Course Title: Practical Experience in Marine Coastal Environmental Science

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: Yes

Prerequisite(s): Permission of the instructor and approved contract

Corequisite(s): None

Number of credits: 0 credits

Cross-listing(s): None

Course Restriction(s): This course is restricted to MCES majors.

Estimated enrollment: 5

Prior enrollment in course: n/a

Method of delivery: Other

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

e. **MCES 398- Internship in Marine Coastal Environmental Science** (Form C – ID# 646)

Proposed catalog description: MCES 398 - Internship in Marine Coastal Environmental Science (1 to 12 credits) (This course is restricted to MCES majors) (Prereq: A C or better in at least one MCES or MSCI course at the 300 level or above and approved contract. A contract must be approved by the instructor/faculty coordinator, off-campus supervisor, and the department chair by the time of registration.) Work experience related to marine coastal environmental science or a related field, as part of an approved internship with primary supervision by a non-faculty member. Requires a minimum of 50 hours of on-site, supervised, and evaluated student work experience per credit. The course may be taken for up to 12 credits, but no more than 6 total credits of 396, 397, 398, 399, 497, 498, and/or 499 may be used for major credit. F, S, Su.

Course Prefix/Number: MCES 398

Course Title: Internship in Marine Coastal Environmental Science

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A C or better in at least one MCES or MSCI course at the 300 level or above and approved contract.

Corequisite(s): None

Number of credits: 1 to 12 credits

Cross-listing(s): None

Course Restriction(s): This course is restricted to MCES majors.

Estimated enrollment: 10

Prior enrollment in course: n/a

Method of delivery: Other

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

f. MCES 399 - Independent Study (Form C – ID# 647)

Proposed catalog description: MCES 399 - Independent Study (1 to 4 credits) (This course is restricted to MCES majors) (Prereq: A contract must be approved by the instructor and the department chair by the time of registration) Directed study of specific topics related to marine coastal environmental science. This course is repeatable for credit under different topics. No more than 6 total credit hours of 396, 397, 398, 399, 497, 498, and/or 499 may be used for major credit. F, S, Su.

Course Prefix/Number: MCES 399

Course Title: Independent Study

Primary Goal: This course may be taken as an elective.

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A contract must be approved by the instructor and the department chair by the time of registration

Corequisite(s): None

Number of credits: 1 to 4 credits

Cross-listing(s): None

Course Restriction(s): This course is restricted to MCES majors.

Estimated enrollment: 3

Prior enrollment in course: n/a

Method of delivery: Other

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

g. MCES 497 - Marine Coastal Environmental Science Senior Thesis (Form C – ID# 648)

Proposed catalog description: MCES 497 - Marine Coastal Environmental Science Senior Thesis (3 to 6 credits) (This course is restricted to MCES majors) (A grade of B or better in both lecture and lab for two of the four MSCI core courses: MSCI 301/MSCI 301L, MSCI 302/MSCI 302L, MSCI 304/MSCI 304L, MSCI 305/MSCI 305L; and MCES 422 and MCES 422L or permission of the instructor. A contract must be approved by the instructor and the department chair by the time of registration.) Each student plans and executes an original research project with guidance and supervision of a marine science faculty member. Results are presented in written and oral form. Senior thesis is strongly suggested for students intending to pursue graduate studies. No more than six total credit hours of 396, 397, 398, 399, 497, 498, and/or 499 may be used for major credit. F, S, Su.

Course Prefix/Number: MCES 497

Course Title: Marine Coastal Environmental Science Senior Thesis

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 B or better in both lecture and lab for two of the four MSCI core courses: MSCI 301/MSCI 301L, MSCI 302/MSCI 302L, MSCI 304/MSCI 304L, MSCI 305/MSCI 305L; and MCES 422 and MCES 422L or permission of the instructor

Corequisite(s): None

Number of credits: 3 to 6 credits

Cross-listing(s): None

Course Restriction(s): This course is restricted to MCES majors.

Estimated enrollment: 3

Prior enrollment in course: n/a

Method of delivery: Other

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

h. MCES 498 - Research Internship (Form C – ID# 649)

Proposed catalog description: MCES 498 - Research Internship (1 to 12 credits) (This course is restricted to MCES majors) (Prereq: Minimum cumulative GPA of 2.5 and a grade of C or better in 2 marine coastal environmental science or marine science courses at the 300 level or above. A contract must be approved by the instructor/faculty coordinator, off-campus supervisor, and the department chair by the time of registration.) Research experience related to marine coastal environmental science or a related field, as part of an approved internship with primary supervision by a non-faculty member. The student must complete a directed research project and a research paper or summary presentation as part of the internship. Requires a minimum of 50 hours of on-site, supervised, and evaluated student work

experience per credit. The course may be taken for up to 12 credits, but no more than 6 total credits of 396, 397, 398, 399, 497, 498, and/or 499 may be used for major credit. F, S, Su.

Course Prefix/Number: MCES 498

Course Title: Research Internship

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): Minimum cumulative GPA of 2.5 and a C or better in 2 marine coastal environmental science or marine science courses at the 300 level or above

Corequisite(s): None

Number of credits: 1 to 12 credits

Cross-listing(s): None

Course Restriction(s): This course is restricted to MCES majors.

Estimated enrollment: 2

Prior enrollment in course: n/a

Method of delivery: Other

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

i. MCES 499 - Directed Undergraduate Research (Form C – ID# 650)

Proposed catalog description: MCES 499 - Directed Undergraduate Research (3 to 6 credits) (This course is restricted to MCES majors) (Prereq: A contract must be approved by the instructor and the department chair by the time of registration) Structured undergraduate research projects conducted with faculty direction and participation. Projects explore marine coastal environmental science or related problems using the scientific method. One conference and no less than five laboratory or field research hours are expected per week. No more than 6 total credit hours of 396, 397, 398, 399, 497, 498, and/or 499 may be used for major credit. F, S, Su.

Course Prefix/Number: MCES 499

Course Title: Directed Undergraduate Research

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): A contract must be approved by the instructor and the department chair by the time of registration

Corequisite(s): None

Number of credits: 3 to 6 credits
Cross-listing(s): None
Course Restriction(s): This course is restricted to MCES majors.
Estimated enrollment: 3
Prior enrollment in course: n/a
Method of delivery: Other
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No

j. MCES 422 - Field Methods in Marine Coastal Environmental Science (Form C – ID# 701)

Proposed catalog description: MCES 422 Field Methods in Marine Coastal Environmental Science (3 credits) (This course is restricted to MCES majors) (Pre-req: A grade of C or better in both lecture and lab for two of the four MSCI core courses: MSCI 301/MSCI 301L, MSCI 302/MSCI 302L, MSCI 304/MSCI 304L, MSCI 305/MSCI 305L) (Co-req: MCES 422L) Development of skills needed to collect, prepare, and analyze samples from the marine coastal environment using standard field sampling techniques, laboratory analytical methods, interpretation, and reporting for common analyses, assessments, and permit applications. This course emphasizes the dynamic interrelationships between marine science subdisciplines in the coastal zone at relevant spatial and temporal scales. The course integrates intensive hands-on field and laboratory activity. F, S, Su.

Course Prefix/Number: MCES 422
Course Title: Field Methods in Marine Coastal Environmental Science
Primary Goal: This course is required for a major
Repeatable for Credit: No
Course Equivalencies: None
Pass/Fail Grading: No
Prerequisite(s): A grade of C or better in both lecture and lab for two of the four MSCI core courses: MSCI 301/MSCI 301L, MSCI 302/MSCI 302L, MSCI 304/MSCI 304L, MSCI 305/MSCI 305L
Corequisite(s): MCES 422L
Number of credits: 3 credits
Cross-listing(s): None
Course Restriction(s): The course is restricted to MCES majors.
Estimated enrollment: 20
Prior enrollment in course: n/a
Method of delivery: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No

k. MCES 422L- Field Methods in Marine Coastal Environmental Science Laboratory

(Form C – ID# 702)

Proposed catalog description: MCES 422L Field Methods in Marine Coastal Environmental Science Laboratory (1 credit) (This course is required for MCES majors) (Co-req: MCES 422) The laboratory demonstrates the topics and principles presented in lecture. Field and laboratory activities emphasize standard methods as well as practical demonstrations and applications of lecture concepts in local habitats. Some required field activities may be conducted outside of the scheduled laboratory period. F, S, Su.

Course Prefix/Number: MCES 422L

Course Title: Field Methods in Marine Coastal Environmental Science Laboratory

Primary Goal: This course is required for a major

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): None

Corequisite(s): MCES 422

Number of credits: 1 credit

Cross-listing(s): None

Course Restriction(s): The course is restricted for MCES majors.

Estimated enrollment: 20

Prior enrollment in course: n/a

Method of delivery: Lab

Semester(s) offered: Fall, Spring, Summer

Considered for the Core Curriculum: No

I. MCES 462- Salt Marsh Ecology (Form C – ID# 703)

Proposed catalog description: MCES 462 Salt Marsh Ecology (3 credits) (Pre-req: A grade of C or better in MSC1 302 and MSC1 302L) (Co-req: MCES 462L) This course presents an overview of modern salt marsh ecosystem biology, ecology, and current status with emphasis on related functional and structural services to the coastal zone. The course relies on primary literature to provide a foundation for related resource management, policy, and conservation topics. F, S, Su.

Course Prefix/Number: MCES 462

Course Title: Salt Marsh Ecology

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 MSCI 302 and MSCI 302L
Corequisite(s): MCES 462L
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: Classroom
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No

m. MCES 462L- Salt Marsh Ecology Laboratory (Form C – ID# 705)

Proposed catalog description: MCES 462L Salt Marsh Ecology Laboratory (1 credit) (Co-req: MCES 462). The laboratory demonstrates the topics and principles presented in lecture. Field and laboratory activities emphasize standard methods as well as practical demonstrations and applications of lecture concepts in local habitats. Some required field activities may be conducted outside of the scheduled laboratory period. F, S, Su.

Course Prefix/Number: MCES 462L
Course Title: Salt Marsh Ecology Laboratory
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): MCES 462
Number of credits: 1 credit
Cross-listing(s): None
Course Restriction(s): None
Estimated enrollment: 20
Prior enrollment in course: n/a
Method of delivery: Lab
Semester(s) offered: Fall, Spring, Summer
Considered for the Core Curriculum: No

2. Department of Recreation and Sport Management

a. RSM 351– The Business of eSport (Form C – ID# 450)

Proposed catalog description: RSM 351 The Business of eSport (3 credits) (Prerequisites: Students must have completed 60 credit hours) This course is designed to provide students with an overview of the business of eSports. The course focuses on the business applications of the industry. An area of emphasis is developing an understanding of the history of eSport and video gaming from creation to the development of the modern, competitive gaming environment in contemporary society. F, S

Course Prefix/Number: RSM 351

Course Title: The Business of eSport

Primary Goal: This course may be taken as an elective

Repeatable for Credit: No

Course Equivalencies: None

Pass/Fail Grading: No

Prerequisite(s): Students must have completed 60 credit hours

Corequisite(s): None

Number of credits: 3 credits

Cross-listing(s): None

Course Restriction(s): Students must have a minimum of 60 credit hours.

Estimated enrollment: 15

Prior enrollment in course: n/a

Method of delivery: Classroom

Semester(s) offered: Fall, Summer

Considered for the Core Curriculum: No

Academic Affairs (*moved and seconded in committee*)

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

COLLEGE OF BUSINESS

1. Department of Finance and Economics

a. FIN 301 - Business Finance

Proposed revision(s): Change to course title (Form A – ID# 611) **FROM:** Business

Finance **TO:** Principles of Finance

COLLEGE OF HUMANITIES AND FINE ARTS

1. Department of Communication, Media and Culture

a. COMM 421 – Social Media in Health Contexts

Proposed revision(s): Remove course from the catalog (Form A – ID# 660)

b. COMM 274 – Organizational Communication

Proposed revision(s): Changes to course descriptions, prerequisites, course levels, course prefix, semesters offered, and course titles. (Form A – ID# 663)

See attached form



Form_A_ID 663.pdf

c. COMM 160 – Persuasion

Proposed revision(s): Change to course description (Form A – ID# 664)

Proposed catalog description:

COMM 160 Persuasion (3 credits) Introduces the study and practice of persuasion in various contexts. Topics may include how persuasion shapes attitudes, thoughts, decisions, arguments, and behaviors, with emphasis on source, message, medium, and audience impacts. Students learn to critically evaluate persuasive appeals in public addresses, marketing, news, social media, group, and interpersonal contexts. F, S, Su.

2. Department of Visual Arts

a. ARTH 410– Art Crime

Proposed revision(s): Change to prerequisite(s), semesters offered and course description (Form A – ID# 712) **FROM:** ARTH 250 or POLI 201 or permission of instructor **TO:** ARTH 105 or ARTH 106 or ARTH 107 or POLI 201; **FROM:** Fall, Summer, May **TO:** Fall, Spring, Summer

Proposed catalog description:

ARTH 410 - Art Crime (3 credits) (Prereq: ARTH 105 or ARTH 106 or ARTH 107 or POLI 201) This seminar explores major current and historic issues dealing with art and crime. Course contextualizes the cultural and, at times commoditized, value of art as a foundation to discuss various art crimes and their motivations. The course includes case studies of thefts and recoveries of artworks, fakes and forgeries, vandalism, art and war, and the transnational implications and complexities of art crime in the world today. F, S, Su.

COLLEGE OF SCIENCE

1. Department of Chemistry

a. **CHEM 371– Nuclear Chemistry**

Proposed revision(s): Change to prerequisite(s) and course description (Form A – ID# 572) **FROM:** A grade of C or better in PHYS 212, CHEM 112 and MATH 160 or MATH 160B **TO:** A grade of C or better in PHYS 212 or PHYS 213 or PHYS 214, and CHEM 112, and MATH 160 or MATH 160B

Proposed catalog description:

CHEM 371 - Nuclear Chemistry (3 credits) (Prerequisites: A grade of C or better in PHYS 212 or PHYS 213 or PHYS 214, and CHEM 112, and MATH 160 or MATH 160B) This course introduces the nature of radiation and radioactivity; the study of decay processes; the introduction to properties of atomic nuclei; nuclear processes in chemical, biological, medical and environmental applications of radioactivity. Kinetics and Energetics of Nuclear Reactions, Nuclear stability, fission, and nuclear fusion would be covered. Chemical techniques, radiation safety and nuclear instrumentation would also be addressed. The use of nuclear processes in non-radioactive areas of human activity such as nuclear magnetic resonance (NMR) spectroscopy in synthetic organic chemistry, in physical chemistry and for structural analysis in macromolecular chemistry will be discussed. F.

2. Department of Computing Sciences

a. **CSCI 207– Programming in C++**

Proposed revision(s): Change to prerequisite(s) and course description (Form A – ID# 665) **FROM:** CSCI 150/CSCI 150L with a grade of ‘C’ or better **TO:** CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better

Proposed catalog description:

CSCI 207 - Programming in C++ (3 credits) (Prereq: CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better) Computer programming in the C ++ language. Offered as needed.

b. **CSCI 208– Programming in Visual Basic**

Proposed revision(s): Change to prerequisite(s) and course description (Form A – ID# 666) **FROM:** CSCI 150/CSCI 150L with a grade of ‘C’ or better **TO:** CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better

Proposed catalog description:

CSCI 208 - Programming in Visual Basic (3 credits) (Prereq: CSCI 145 or CSCI 150/CSCI 150L with a grade of 'C' or better) An introduction to programming with Visual Basic including Windows interface controls, Active X controls, and database access using Active X objects. Offered as needed.

c. CSCI 209– Programming in Java

Proposed revision(s): Change to prerequisite(s) and course description (Form A – ID# 667) **FROM:** CSCI 150/CSCI 150L with a grade of 'C' or better **TO:** CSCI 145 or CSCI 150/CSCI 150L with a grade of 'C' or better

Proposed catalog description:

CSCI 209 - Programming in Java (3 credits) (Prereq: CSCI 145 or CSCI 150/CSCI 150L with a grade of 'C' or better) Students learn to program in the Java programming language. Topics include inheritance, threads, graphics, network programming, and Web-programming. Offered as needed.

d. CSCI 310 - Introduction to Computer Architecture

Proposed revision(s): Change to prerequisite(s) and course description (Form A – ID# 668) **FROM:** A grade of 'C' or better in CSCI 150, CSCI 210, and MATH 174 **TO:** A grade of 'C' or better in CSCI 145 or CSCI 150/CSCI 150L, and CSCI 210, and MATH 174

Proposed catalog description:

CSCI 310 - Introduction to Computer Architecture (3 credits) (Prereq: A grade of 'C' or better in CSCI 145 or CSCI 150/CSCI 150L, and CSCI 210, and MATH 174) An introduction to the fundamental aspects of a computer system's structure and behavior; binary arithmetic, combinational logic, circuit design, instruction sets, register operations and flip-flops, control system functions, memories, interrupt structures, processors, and performance measures will be covered. S.

e. CSCI 445 Q*– Image Processing and Analysis

Proposed revision(s): Change to prerequisite(s), course number and course description (Form A – ID# 669) **FROM:** A grade of 'C' or better in CSCI 150/CSCI 150L and MATH 160 or MATH 160B or MATH 242/MATH 242L **TO:** A grade of 'C' or better in CSCI 145 or CSCI 150/CSCI 150L and MATH 160 or MATH 160B, or MATH 242/MATH 242L; **FROM:** CSCI 445 Q* **TO:** CSCI 445

Proposed catalog description:

CSCI 445 - Image Processing and Analysis (3 credits) (Prereq: A grade of 'C' or better in CSCI 145 or CSCI 150/CSCI 150L and MATH 160 or MATH 160B, or MATH 242/MATH 242L) This course introduces the theoretical foundations and methodologies of digital image processing and analysis. Topics include intensity transformations, contrast enhancement, filtering in the spatial and frequency domains, restoration and

reconstruction, edge detection, feature extraction, morphological operations, image segmentation, object recognition, and color image processing. F or S, as needed.

f. CSCI 330 - Systems Analysis & Software Engineering

Proposed revision(s): Change to prerequisite(s), semesters offered and course description (Form A – ID# 670) **FROM:** CSCI 150/CSCI 150L with a grade of ‘C’ or better **TO:** CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better; **FROM:** Spring **TO:** Fall, Spring

Proposed catalog description:

CSCI 330 - Systems Analysis & Software Engineering (3 credits) (Prereq: CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better) A thorough introduction to requirements management, and best practices in eliciting, documenting, and verifying requirements for programming systems. Topics include writing effective use cases, constructing UML-compliant models (including class, state, and activity diagrams), specification of user interface and data layers, testing, and integration. F, S.

g. CSCI 343 - Introduction to Mobile Application Development

Proposed revision(s): Change to prerequisite(s), semesters offered and course description (Form A – ID# 671) **FROM:** CSCI 150/CSCI 150L with a grade of ‘C’ or better **TO:** CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better; **FROM:** Spring **TO:** offered as needed

Proposed catalog description:

CSCI 343 - Introduction to Mobile Application Development (3 credits) (Prereq: CSCI 145 or CSCI 150/CSCI 150L with a grade of ‘C’ or better) Course presents a thorough introduction to the design and development of applications for mobile devices. Topics include Navigation, Notifications, Graphics, User Interface Design, User Interface Development, Storage, Messaging, and Testing. Offered as needed.

h. CSCI 480 - Introduction to Artificial Intelligence

Proposed revision(s): Change to prerequisite(s), semesters offered and course description (Form A – ID# 672) **FROM:** CSCI 220 **TO:** A grade of ‘C’ or better in CSCI 220; **FROM:** Fall, even years **TO:** Fall or Spring as needed

Proposed catalog description:

CSCI 480 - Introduction to Artificial Intelligence (3 credits) (Prereq: A grade of ‘C’ or better in CSCI 220) Covers the fundamentals of Artificial Intelligence (AI); topics and techniques for analyzing and developing intelligent systems; programming in an AI language. Coverage may include applications in areas such as expert systems, neural networks, fuzzy logic, robotics, etc. F or S as needed.

i. CSCI 485 - Introduction to Robotics

Proposed revision(s): Change to prerequisite(s), semesters offered and course description (Form A – ID# 673) **FROM:** CSCI 220 **TO:** A grade of ‘C’ or better in CSCI 220; **FROM:** Fall, odd years **TO:** Fall or Spring as needed

Proposed catalog description:

CSCI 485 - Introduction to Robotics (3 credits) (Prereq: A grade of ‘C’ or better in CSCI 220) An introduction to the fundamentals of mobile robotics including robot hardware, sensors, obstacle avoidance, navigation, mapping, path planning and robot architectures. F or S as needed.

j. CSCI 211 - Computer Infrastructure

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 674) **FROM:** **TO:** Fall, Spring

Proposed catalog description:

CSCI 211 - Computer Infrastructure (3 credits) This course covers core computer hardware, including the relationships between components of a computer system. Software components are also introduced, including the fundamentals of the computer operating system and an introduction to virtualization systems. F, S.

k. CSCI 385 - Introduction to Information Systems Security

Proposed revision(s): Change to prerequisite(s), semesters offered and course description (Form A – ID# 675) **FROM:** 12 credit hours of CSCI courses numbered 120 or above, all with a grade of ‘C’ or better **TO:** A grade of ‘C’ or better in CSCI 270;

FROM: Spring **TO:** Fall, Spring

Proposed catalog description:

CSCI 385 - Introduction to Information Systems Security (3 credits) (Prereq: A grade of ‘C’ or better in CSCI 270) Comprehensive survey of security policies, models and mechanisms for confidentiality, integrity, management and legal and ethical issues. F, S.

l. CSCI 415 - Windows System Administration

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 676) **FROM:** Fall **TO:** Fall, Spring

Proposed catalog description:

CSCI 415 - Windows System Administration (3 credits) (Prereq: A grade of ‘C’ or better in CSCI 211) Topics in systems administration include application server management, deployment of websites, domain name service, web services, security, backup and recovery, and e-mail management. F, S.

m. CSCI 473 - Introduction to Parallel Systems

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 678) **FROM:** Spring **TO:** Fall, Spring

Proposed catalog description:

CSCI 473 - Introduction to Parallel Systems (3 credits) (Prereq: A grade of 'C' or better in CSCI 210, CSCI 270, CSCI 330, CSCI 356 and MATH 160 or MATH 160B) This course introduces parallel computer architectures and their programming. It includes an introduction to MPI and OpenMP and a number of engineering problems, including numerical simulations. It also provides an introduction to performance evaluation and modeling as well as scalability analysis. F, S.

n. CSCI 450 - Principles of Compiler Design

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 679) **FROM:** Spring **TO:** Offered as needed

Proposed catalog description:

CSCI 450 - Principles of Compiler Design (3 credits) (Prereq: CSCI 210 and CSCI 350 with a grade of 'C' or better) Introduction to programming language structure, lexical analysis, syntax analysis, code generations, error repair, and optimization. Offered as needed.

o. CSCI 484 - Machine Learning

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 680) **FROM:** **TO:** Fall or Spring as needed

Proposed catalog description:

CSCI 484 - Machine Learning (3 credits) (Prereq: A grade of 'C' or better in CSCI 220 and MATH 160 or MATH 160B or MATH 242/MATH 242L) This course provides an introduction to pattern recognition and machine learning. Topics may include probabilistic learning, linear discriminants, neural networks, unsupervised learning, decision trees, Bayesian networks, support vector machines, and reinforcement learning. F or S as needed.

p. CSCI 495 - Information Systems Capstone Course and Project

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 681) **FROM:** Spring **TO:** Fall or Spring as needed

Proposed catalog description:

CSCI 495 - Information Systems Capstone Course and Project (3 credits) (Prereq: A grade of 'C' or better in CSCI 225 and CSCI 330) This senior capstone course integrates and synthesizes the material covered in the field of Information Systems, including Systems Analysis, Project Management, System Development and Deployment, and Security. Students develop a practical solution to an information systems problem. Presentation is both oral and written. Lecture topics may vary from semester to semester. F or S as needed.

q. CSCI 130- Introduction to Computer Science

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 682) **FROM:** Fall, Spring, Summer **TO:** Offer as needed

Proposed catalog description:

CSCI 130 - Introduction to Computer Science (3 credits) (Computer Usage) Designed as an introduction to Computer Science; provides a comprehensive overview of the field of Computer Science in areas such as machine architecture, data storage, data manipulation, operating systems, algorithms, programming languages, data structures, database structures, computational complexity, and artificial intelligence; includes a brief introduction to programming. Offered as needed.

r. CSCI 140 - Introduction to Algorithmic Design I

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 683) **FROM:** Fall, Spring **TO:** Offer as needed

Proposed catalog description:

CSCI 140 - Introduction to Algorithmic Design I (3 credits) (Computer Usage) (Students are required to have a personal notebook computer for this course) (Prereq: MATH 130, MATH 130B, MATH 130I, MATH 131, MATH 132, MATH 135, MATH 160, MATH 160B, MATH 161 or MATH 161B; all with a grade of ‘C’ or better, or a placement score of MATH 132, MATH 135, MATH 160) (Coreq: CSCI 140L) An introduction to problem solving and algorithmic design methodology using a high-level programming language. Topics include problem solving techniques; subprograms and modularity; fundamental data types and structures; flow of control statements; and file input/output. Three lecture hours per week. Offered as needed.

s. CSCI 140L - Introduction to Algorithmic Design I Laboratory

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 684) **FROM:** Fall, Spring, Summer **TO:** Offered as needed

Proposed catalog description:

CSCI 140L - Introduction to Algorithmic Design I Laboratory (1 credit) (Prereq: MATH 130, MATH 130B, MATH 130I, MATH 131, MATH 132, MATH 135, MATH 160, MATH 160B, MATH 161 or MATH 161B; all with a grade of ‘C’ or better, or a placement test score of MATH 132, MATH 135, MATH 160) (Coreq: CSCI 140) Laboratory demonstrates the topics and principles presented in the lecture. Offered as needed.

t. CSCI 150 - Introduction to Algorithmic Design II

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 685) **FROM:** Fall, Spring, Summer **TO:** Offered as needed

Proposed catalog description:

CSCI 150 - Introduction to Algorithmic Design II (3 credits) (Computer Usage) (Prereq: CSCI 140/CSCI 140L AND the choice of MATH 130, MATH 130B, MATH 130I,

MATH 131, MATH 132, MATH 135, MATH 160, MATH 160B, MATH 161 or MATH 161B; all with a grade of 'C' or better) (Coreq: CSCI 150L) (Students are required to have a personal notebook computer for this course) A continuation of CSCI 140. Continued development of discipline in program design, style and expression, debugging and testing. Topics include object oriented programming and algorithm design; elementary data structures; user-defined data types, inheritance, and encapsulation. Offered as needed.

u. CSCI 150L - Introduction to Algorithmic Design II Laboratory

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 686) **FROM:** Fall, Spring, Summer **TO:** Offered as needed

Proposed catalog description:

CSCI 150L - Introduction to Algorithmic Design II Laboratory (1 credit) (Prereq: CSCI 140/CSCI 140L AND the choice of MATH 130, MATH 130B, MATH 130I, MATH 131, MATH 132, MATH 135, MATH 160, MATH 160B, MATH 161 or MATH 161B; all with a grade of 'C' or better) (Coreq: CSCI 150) Laboratory demonstrates the topics and principles presented in the lecture. Offered as needed.

v. CSCI 170 - Ethics in Computer Science

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 687) **FROM:** Fall, Spring **TO:** Offered as needed

Proposed catalog description:

CSCI 170 - Ethics in Computer Science (1 credit) Provides real-world experiences that stimulate discussion of ethical issues in the technical work place. Topics include: ACM Code of Ethics, general moral responsibilities, privacy security, copyright and ownership agreements, computer crimes, and personal ethics. Class format presents case studies of current news events regarding computer ethics. Offered as needed.

w. CSCI 455 - Data Science and Analytics

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 688) **FROM:** Fall, Spring, Summer **TO:** Offered as needed

Proposed catalog description:

CSCI 455 - Data Science and Analytics (3 credits) (Prereq: 12 credit hours of CSCI courses 120 or above, all with a grade of 'C' or better) This course deals with the data science and analytics for information systems and technology applications. This course also introduces data management process for data science and analytics. How the data relate and aggregate in analytic databases and how they are used by analytical tools is explored through case studies and projects. Offered as needed.

x. CSCI 466 - Informatics and Knowledge Discovery

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 689) **FROM: TO:** Offered as needed

Proposed catalog description:

CSCI 466 - Informatics and Knowledge Discovery (3 credits) (Prereq: A grade of ‘C’ or better in CSCI 220 and MATH 160 or MATH 160B) Students explore the basic techniques of data mining and data stream mining and then apply them on real world datasets taken from different domain experts. This class teaches students how to obtain patterns, trends, and behavior from different datasets to enable domain experts to discover new knowledge without the need to conduct expensive experiments or complex modeling procedures. Offered as needed.

y. CSCI 105 - Introduction to Computer Applications

Proposed revision(s): Remove course from the catalog (Form A – ID# 690)

z. CSCI 106 - Advanced Computer Applications

Proposed revision(s): Remove course from the catalog (Form A – ID# 691)

aa. CSCI 111 - Programming in BASIC

Proposed revision(s): Remove course from the catalog (Form A – ID# 692)

bb. CSCI 131L - Algorithmic Thinking

Proposed revision(s): Remove course from the catalog (Form A – ID# 693)

cc. CSCI 255 - Topics in Web Development

Proposed revision(s): Remove course from the catalog (Form A – ID# 694).

dd. CSCI 360 - Numerical Calculus

Proposed revision(s): Remove course from the catalog (Form A – ID# 696)

ee. CSCI 365 - Internet Marketing

Proposed revision(s): Remove course from the catalog (Form A – ID# 697)

ff. CSCI 414 - Introduction to Web Engineering

Proposed revision(s): Remove course from the catalog (Form A – ID# 698)

gg. CSCI 418 Q - Financial Technology

Proposed revision(s): Remove course from the catalog (Form A – ID# 699)

hh. CSCI 460 - Algorithms in Bioinformatics

Proposed revision(s): Remove course from the catalog (Form A – ID# 700)

3. Department of Kinesiology

a. **EXSS 397– Field Experience**

Proposed revision(s): Change to prerequisite(s) and course description (Form A – ID# 615) **FROM:** A grade of ‘C’ or better in EXSS 290 and 300 level EXSS course **TO:** A grade of ‘C’ or better in EXSS 490 and 300 level EXSS course

Proposed catalog description:

EXSS 397 - Field Experience (3, 6, or 9 credits) (Prereq: A grade of ‘C’ or better in EXSS 490 and 300 level EXSS course) This variable credit experiential course is designed to provide students with the opportunity to apply and further develop their knowledge, skills, and abilities through a supervised real world experience. This course is designed to bridge theory and practice by allowing students to apply theoretical and practical concepts learned during their EXSS coursework in a professional setting. The guided experience requires 105, 210, or 315 hours of on-site work depending on the number of credits enrolled (3, 6, or 9 credits). F, S, SU

4. Department of Marine Science

a. **MSCI 401 - Environmental Chemistry**

Proposed revision(s): Change to semester offered and course description (Form A – ID# 607) **FROM:** Offered as needed **TO:** Fall

Proposed catalog description:

MSCI 401 Environmental Chemistry (3 credits) (Prereq: BIOL 121 and CHEM 112/CHEM 112L) (Coreq: MSCI 401L) A comprehensive study of the major processes that affect the chemistry of the Earth’s environmental systems, including the lithosphere, atmosphere, hydrosphere, and biosphere. Natural processes are investigated alongside the influence of human activities on these processes and the science behind public policy that aims to regulate anthropogenic impacts. F

Graduate Council *(moved and seconded in committee)*

Change in a Graduate Program

COLLEGE OF BUSINESS

1. Department of Accounting

a. Master of Accountancy (Form B – ID # 756)

Proposed Changes to the Master of Accountancy (MAcc) Program

Submitted by the MAcc Committee:

• Darlene Booth-Bell, Greg Krippel, Sheila Mitchell, Mike Munden, Sourav Batabyal, Melanie James Proposal:

1. Eliminate the two tracks – Assurance and Taxation
2. Remove ACCT 631 from the Core
3. Add ACCT 637 to the Core
4. Required courses in the two tracks will become elective courses (other than ACCT 637), increasing the number of elective hours to 12
5. Add MBA 620 Financial Management as an Elective

Rationale:

1. With the current program, students must select either the Assurance Track or the Taxation Track, and they must complete the three courses in the respective track.
2. In the current program, MAcc students have one elective course. The proposal would increase the number of elective courses to four, allowing more choices that align with the student's career goals. The increase in electives and elimination of the tracks also allows more flexibility in scheduling courses for both students and the department.
3. Students generally enroll in a MAcc program to complete the 150 credit hours required for CPA licensing and to prepare for passing the CPA exam. ACCT 637 – Advanced Auditing includes more CPA exam material/topics than ACCT 631 – Fraud Examination. ACCT 637 is a better course for the Core that will be required of all MAcc students.

CURRENT PROGRAM:

Degree Requirements (30 Graduate Credit Hours)

Core Courses (18 credit hours)

- ACCT 533 - Governmental Accounting (3 credits)
- ACCT 535 - Advanced Accounting (3 credits)
- ACCT 620 - Tax Research and Communication (3 credits)
- ACCT 631 - Fraud Examination (3 credits)
- ACCT 665 - Financial Statement Analysis (3 credits)
- ACCT 675 - Law for Accountants (3 credits)

Electives (3 credit hours) Choose One of the Following Tracks Assurance Track (9 credit hours)

- One approved CBAD or ACCT course at the 500, 600, or 700 level

- ACCT 637 - Advanced Auditing (3 credits)
- ACCT 638 - Fraud and Litigation Advisory Services (3 credits)

Choose one from the following:

-
- ACCT 534 - Digital Forensics and E-Discovery (3 credits)
 - CSCI 534 - Digital Forensics and E-Discovery (3 credits)

Taxation Track (9 credit hours)

-
- ACCT 621 - Taxation of C Corporations (3 credits)
 - ACCT 622 - Taxation of Pass-Through Entities (3 credits)
 - ACCT 623 - Estate and Gift Taxation (3 credits)

Proposed Program:**Degree Requirements (30 Graduate Credit Hours)**

Core Courses (18 credit hours)

- ACCT 533 - Governmental Accounting (3 credits)
- ACCT 535 - Advanced Accounting (3 credits)

- ACCT 620 - Tax Research and Communication (3 credits)
- ACCT 637 - Advanced Auditing (3 credits)
- ACCT 665 - Financial Statement Analysis (3 credits)
- ACCT 675 - Law for Accountants (3 credits)

Electives (Choose 12 credit hours)

- ACCT 631 - Fraud Examination (3 credits)
- ACCT 638 - Fraud and Litigation Advisory Services (3 credits)
- ACCT 534 or CSCI 534 - Digital Forensics and E-Discovery (3 credits)
- ACCT 621 - Taxation of C Corporations (3 credits)
- ACCT 622 - Taxation of Pass-Through Entities (3 credits)
- ACCT 623 - Estate and Gift Taxation (3 credits)
- MBA 620 – Financial Management (3 credits)

Graduate Council (*moved and seconded in committee*)

Proposals for a New Graduate Course:

COLLEGE OF SCIENCE

1. Department of Recreation and Sport Management

a. SPT 557– Understanding NCAA Compliance (Form C – ID# 389)

Proposed catalog description: SPT 557 Understanding NCAA Compliance (3) The course in NCAA compliance exposes students to different aspects of NCAA legislation to include recruiting, eligibility, financial aid, awards and benefits, and playing and practice seasons. Students learn to examine interpretation questions from coaches and learn best practices for conducting a compliance program on campus. F, S

Course Prefix/Number: SPT 557

Course Title: SPT 557

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): Understanding NCAA Compliance RSM 457
Course Restriction(s): Graduate Standing
Estimated enrollment: 15
Prior enrollment in course: n/a
Method of delivery: Classroom
Semester(s) offered: Fall, Spring

Graduate Council (*moved and seconded in committee*)

Proposals for Changes in a Graduate Course:

COLLEGE OF EDUCATION AND SOCIAL SCIENCES

1. Department of Graduate and Specialty Studies

a. EDSC 508- Foundations in Literacy

Proposed revision(s): Change to semesters offered and course description (Form A – ID# 521) **FROM:** Summer **TO:** Spring, Summer

Proposed Course description:

EDSC 508 - Foundations in Literacy (3 credits) (Prereq: Admission to MAT Degree Program) An introductory course to literacy and its role in secondary schools and society. Candidates research literacy by defining it and directly relating it to their field. An overview of literacy education topics including assessment, testing, equity, and multiple literacies are also surveyed. S, SU.