The Undergraduate Curriculum Committee recommends approval of the following:

1. New Courses

   **BMEN 344. Biological Responses to Medical Devices. (3-0). Credit 3.** Selection and characterization of materials in implantable and tissue contacting medical devices; biodegradation, biocompatibility, hemocompatibility and cell-material interactions of biomaterials. Prerequisites: Basic knowledge of biomaterials, cell biology, human anatomy/physiology and engineering principles (VTPP 435 or equivalent); BMEN 343 highly recommended.

   **CHEN 469. Chemical Engineering Car Design. (1-0). Credit 1.** Application of chemical, physical and engineering principles in design process, idea generation and development of design concepts, economic, safety and performance analysis. May be taken four times for credit. Prerequisites: CHEN 204, CHEN 205; junior or senior classification or approval of instructor.

   **ECEN 434. Optimization for Electrical and Computer Engineering Applications. (3-0). Credit 3.** Principles of optimization including linear and nonlinear optimization as well as electrical and computer engineering applications in signal estimation, routing in communication networks, flows in wireless networks, wafer fabrication plants, and economic dispatch in power systems. Prerequisites: MATH 304 or MATH 309 or MATH 311; MATH 251.

   **ENGL 103. Introduction to Rhetoric and Composition. (3-0). Credit 3.** Intensive study of and practice in writing processes, from invention and researching to drafting, revising and editing, both individually and corroboratively; emphasis on effective rhetorical choices including audience, purpose, arrangement and style; focus on writing the academic essay as a vehicle for learning, communicating and critical analysis.

   **HLTH 407. Global Health. (3-0). Credit 3.** Overview of global health issues; synthesis of historical, cultural, environmental, economic and political perspectives; gathering and understanding international health statistics; cultural, social and political impacts on health and health care behaviors; clinical and population-based approaches to health management and illness resolution; ethical issues implicit in conducting health research; private and public agency relief strategies; opportunities for employment in international health. Prerequisites: Admission to the professional phase of program; junior or senior classification or approval of instructor.

   **HLTH 445. Professional Practice in Health Education. (2-0). Credit 2.** Information, perspectives and skills to promote health and quality of life effectively in community, school, workplace and healthcare settings; boundary-crossing partnerships across health disciplines; the role of collaborative efforts to better meet community health needs. Prerequisites: Admission to professional phase of program; junior or senior classification.

   **IBUS 453. Emerging Economies: Brazil, Russia, India, China. (3-0). Credit 3.** Examination of present and future dynamics of the emerging economies of Brazil, Russia, India and China and their impact on the developing and developed worlds; importance of BRIC countries and their position in the world; history and development of these countries and the current business environment in each. Prerequisite: MGMT 363. Cross-listed with MGMT 453.
MGMT 422. Management Consulting. (3-0). Credit 3. The field of management consulting from the perspective of both the individual consultant and the consulting firm; fundamentals of diagnosing situations, planning and executing assignments, client management, common mistakes and ethical issues in consulting including a variety of diagnostic and problem-solving methodologies. Prerequisite: MGMT 363.

MGMT 432. Managing the Nonprofit Organization. (3-0). Credit 3. Broad trends shaping the nonprofit sector, a primary driver of social change and key player in society and the economy that provides an array of goods and services; complex management challenges that confront nonprofits as they balance their mission and values against the requirements of effective management with limited resources. Prerequisite. MGMT 363.

MGMT 453. Emerging Economies: Brazil, Russia, India, China. (3-0). Credit 3. Examination of present and future dynamics of the emerging economies of Brazil, Russia, India and China and their impact on the developing and developed worlds; importance of BRIC countries and their position in the world; history and development of these countries and the current business environment in each. Prerequisite: MGMT 363. Cross-listed with IBUS 453.

MGMT 465. Corporate Governance. (3-0). Credit 3. Overview of the theories and practice of corporate governance; history of corporations, role and relationship of boards of directors, shareholders and management; concepts of agency cost, shareholder activism, executive compensation and international corporate governance in globalized markets; ethical issues and corporate social responsibility. Prerequisite MGMT 363.


RPTS 371. Understanding and Developing Effective Skills for Youth Development. (3-0). Credit 3. Development of skills needed to effectively work with youth; issues such as youth participation, conflict resolution, youth-adult collaboration, leadership development, youth empowerment and youth voice; connection of theoretical concepts to practice. Prerequisites: RPTS 370 and junior or senior classification.

SOCI 217. Introduction to Race and Ethnicity. (3-0). Credit 3. Introduction to the sociological examination of race and ethnicity in U.S. society; overview of theories and methods in the study of race and ethnicity, an understanding of how they function as individual and group-level identities, and organizing principles in social institutions.

THAR 156. Dress, Culture and Society. (3-0). Credit 3. Relationship of dress to humans as biological, aesthetic and social beings; dress as cultural performance.

2. Withdrawal of Courses

3. Change in Courses

**AFST 300. Blacks in the United States, 1607-1877.**

Course prerequisites
   From: Junior or senior classification or approval of instructor.
   To: Junior or senior classification.

**AFST 301. Blacks in the United States Since 1877.**

Course prerequisites
   From: Junior or senior classification or approval of instructor.
   To: Junior or senior classification.

**AFST 329. African-American Literature Pre-1930.**

Course prerequisites
   From: 3 credits of literature at 200-level or above; junior or senior classification or approval of instructor.
   To: 3 credits of literature at 200-level or above.

**AFST 339. African-American Literature Post-1930.**

Course prerequisites
   From: 3 credits of literature at 200-level or above; junior or senior classification or approval of instructor.
   To: 3 credits of literature at 200-level or above.

**AFST 344. History of Africa to 1800.**

Course prerequisites
   From: Junior or senior classification or approval of instructor.
   To: Junior or senior classification.

**AFST 345. Modern Africa.**

Course prerequisites
   From: Junior or senior classification or approval of instructor.
   To: Junior or senior classification.

**ARCH 446. Introduction to Historic Preservation.**

Course title
   From: Introduction to Historic Preservation.
   To: Foundations of Historic Preservation.
Course description and prerequisites

From: The cross-disciplinary world of historic preservation examining the significance of historic places to societal well-being and conservation alternatives for historic and cultural environments; review of preservation projects including interior rehabilitation and adaptive reuse; introduction to careers in preservation through guest presentations and case studies. Prerequisite: Junior or senior classification.

To: Exploration and evaluation of the cross-disciplinary work of historic preservation; emphasis on the significance of historic places to societal well-being and conservation alternatives for historic and cultural environments; review of preservation projects and treatments; guest presentations and case studies from practicing professionals and researchers in a variety of fields. Prerequisite: Junior or senior classification or approval of instructor.

Carc 300. College of Architecture Study Abroad.

Course prerequisites

From: Admission to approved program.

To: Junior or senior classification; approval of assistant dean for international programs and initiatives.

Carc 301. Field Studies in Design Innovation.

Course prerequisites

From: For environmental design and construction science majors: Upper-level classification in respective major; For landscape architecture majors: LAND 319 and LAND 329.

To: Junior or senior classification; CARC 481; approval of assistant dean for international programs and initiatives.

Carc 311. Field Studies in Design Communication.

Course prerequisites

From: For environmental design majors: ENDS 211; For landscape architecture majors: LAND 318, LAND 319, LAND 329, LAND 330.

To: Junior or senior classification; approval of assistant dean for international programs and initiatives.

Carc 321. Field Studies in Design Technology.

Course prerequisites

From: COSC 253.

To: Junior or senior classification; approval of assistant dean for international programs and initiatives.

Carc 331. Field Studies in Design Philosophy.

Course prerequisites

From: None.

To: Junior or senior classification; approval of assistant dean for international programs and initiatives.
CARC 481. Seminar.

Course description and prerequisites
From: Preparatory seminar for select College of Architecture study away and internships; topics include introduction to the language, culture and history of study abroad location. May be taken up to two times in the same semester. To be taken on a satisfactory/unsatisfactory basis. Prerequisites: Admission to approved study abroad program; approval of Associate Dean for Students.
To: Preparatory seminar for select College of Architecture study away and internships; topics include introduction to the language, culture and history of study abroad location. Must be taken the spring semester before the student’s study away semester. Must be taken on a satisfactory/unsatisfactory basis. Prerequisites: Junior or senior classification; approval of assistant dean for international programs and initiatives.

CARC 485. Directed Studies.

Course prerequisites
From: CARC 481 or approval of instructor and degree coordinator.
To: Junior or senior classification; approval of assistant dean for international programs and initiatives.

CARC 489. Special Topics in...

Course prerequisites
From: Upper-level classification; approval of instructor and degree coordinator.
To: Junior or senior classification; approval of assistant dean for international programs and initiatives.

CARC 491. Research.

Course prerequisites
From: Junior or senior classification and approval of instructor.
To: Junior or senior classification; approval of assistant dean for international programs and initiatives.

CHEN 205. Chemical Engineering Thermodynamics I.

Course prerequisites
From: CHEN 204; MATH 251.
To: CHEN 204.


Course description
From: Continuation of CHEN 304. Heat transfer operations.
To: Heat transfer operations.
CHEN 414. Chemical Engineering Laboratory I.

Course prerequisites
From: CHEN 304 and 323; ENGL 210 or ENGL 301.
To: CHEN 304; CHEN 323 or registration therein with approval of instructor; CHEN 301.

CHEN 464. Chemical Engineering Kinetics.

Course title
From: Chemical Engineering Kinetics.
To: Kinetics and Reactor Design.

CLAS 426. The Ancient Greeks.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

CLAS 427. The Roman Republic I: The Empire Builders.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

CLAS 428. The Roman Republic II: The Civil Wars.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

CLAS 429. The Roman Empire.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

ECEN 410. Introduction to Medical Imaging.

Course title
From: Introduction to Medical Imaging.
To: Medical Imaging.

Lab contact hours and semester credit hours
From: (3-0). Credit 3.
To: (3-2). Credit 4.
Course description and prerequisites

From: Introduction to the physics and the engineering principles of medical imaging systems; focus on magnetic resonance imaging, x-ray computer tomography, ultrasonography, optical imaging and nuclear medicine; includes system structure, source generation, energy tissue interaction, image formation and clinical examples. Prerequisites: MATH 222 or MATH 251 or MATH 253; junior or senior classification.

To: Fundamentals of physics and the engineering principles of medical imaging systems; focus on magnetic resonance imaging, x-ray computer tomography, ultrasonography, optical imaging and nuclear medicine; includes systems, sources, energy tissue interaction, image formation and clinical examples; virtual labs, on- and off-campus lab tours. Prerequisites: MATH 222 or MATH 251 or MATH 253; ECEN 314 or ECEN 444.

ENGL 251. Introduction to Film Analysis.

Course prerequisites

From: ENGL 104.
To: None.

ENGL 310. History of the English Language.

Course prerequisites

From: LING 209.
To: LING 209 or ENGL 209.

ENGL 329. African-American Literature Pre-1930.

Course prerequisites

From: 3 credits of literature at 200-level or above; junior or senior classification or approval of instructor.
To: 3 credits of literature at 200-level or above.


Course prerequisites

From: 3 credits of literature at 200-level or above; junior or senior classification or approval of instructor.
To: 3 credits of literature at 200-level or above.

ENGR 381. Engineering Scholars Program Seminar II.

Course title

From: Engineering Scholars Program Seminar II.
To: Engineering Honors Seminar III.


Course prefix

From: ENDS 260.
To: ARCH 260.
ENDS 481. Seminar.

Course prefix
From: ENDS 481.
To: ARCH 481.

ENDS 484. Summer Internship.

Course prefix
From: ENDS 484.
To: ARCH 484.

Lecture and lab contact hours
From: (6-0). Credit 6.
To: (0-12). Credit 6.

ENDS 494. Internship.

Course prefix
From: ENDS 494.
To: ARCH 494.

Course description
From: Practical experience in an office of design allied professionals; fifteen week internship with a minimum of 600 hours continuous employment; departmental pre-approval through the departmental internship coordinator required; post evaluation conducted following the internship. May not be repeated for credit.
To: Practical experience in an office of design allied professionals; fifteen week internship with a minimum of 600 hours of continuous employment; departmental pre-approval through the departmental internship coordinator required; post evaluation conducted following the internship. To be taken only as a requirement for the study away semester. May not be repeated for credit.

FILM 251. Introduction to Film Analysis.

Course prerequisites
From: ENGL 104.
To: None.

FREN 425. French Film.

Course prerequisites
From: FREN 202 or approval of instructor.
To: Junior or senior classification, or approval of instructor.

GERM 435. German Film.

Course prerequisites
From: GERM 202 or registration therein, or approval of instructor.
To: Junior or senior classification, or approval of instructor.
HISP 204. Spanish and Spanish American Literature in Translation.

Course prerequisites
From: ENGL 104.
To: None.

HISP 205. Don Quixote and the Other Arts.

Course prerequisites
From: ENGL 104.
To: None.

HISP 206. Food in the Hispanic World.

Course prerequisites
From: ENGL 104.
To: None.

HIST 300. Blacks in the United States, 1607-1877.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 301. Blacks in the United States Since 1877.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 304. Mexican-American Frontier to 1848.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 341. Latin America to 1810.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 342. Latin America Since 1810.

Course prerequisites
From: None.
To: Junior or senior classification.
HIST 344. History of Africa to 1800.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 345. Modern Africa.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 348. Modern Middle East.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 352. Modern East Asia.

Course prerequisites
From: None.
To: Junior or senior classification.

HIST 426. The Ancient Greeks.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

HIST 427. The Roman Republic I: The Empire Builders.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

HIST 428. The Roman Republic II: The Civil Wars.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

HIST 429. The Roman Empire.

Course prerequisites
From: 3 hours in history, or junior or senior classification, or approval of instructor.
To: Junior or senior classification, or approval of instructor.
HORT 481. Seminar.

Lecture contact hours and semester credit hours.
From: (1-0). Credit 1.
To: (2-0). Credit 2.

Course description and prerequisites
From: Review of current research literature in field of horticulture presented by senior students; transition from college to work environment, including professional development and career advancement; required of all senior students in horticulture.
To: Advanced preparation for the transition from college to the work environment including career investigation, presentation techniques and practice, resume and e-portfolio preparation, and professional development and career advancement; required of all senior students in horticulture. Prerequisite: Junior or senior classification.

ITAL 455. Italian Cinema.

Course prerequisites
From: ITAL 201 or registration therein, or approval of instructor.
To: Junior or senior classification, or approval of instructor.

LING 307. Language and Culture.

Course prerequisites
From: LING 209.
To: LING 209 or ENGL 209.

LING 310. History of the English Language.

Course prerequisites
From: LING 209.
To: LING 209 or ENGL 209.

NUEN 418. Fuel Assembly and 3-D Reactor Core Design and Modeling.

Lecture and lab contact hours
From: (2-0). Credit 2.
To: (3-0). Credit 3.

PHIL 240. Introduction to Logic.

Course description
From: Deductive and semantic methods of propositional and predicate logic with applications to natural language.
To: Introduction to formal methods of deductive and inductive logic including, but not limited to, truth-tables, formal deduction and probability theory.
RPTS 201. Foundations of Recreation and Parks.

Course title
From: Foundations of Recreation and Parks.
To: Foundations of Recreation, Parks and Tourism.

Course description
From: Development of theoretical foundations of recreation and leisure; professional philosophy, present status, prospects for the future and the role of parks and recreation in modern society.
To: Development of theoretical foundations of recreation, leisure and tourism; professional philosophy, present status, prospects for the future and the role of parks, recreation and tourism in modern society; overview of careers related to these branches of the experience industry.

RPTS 300. Supervised Field Studies.

Course description and prerequisites
From: Survey and application of principles of recreation and parks; selected aspects of park and recreation management in an operational setting under the supervision of an approved agency; preparation and presentation of a comprehensive analysis of a specific problem; offered on an individual basis. May be repeated for credit.
Prerequisites: RPTS 307; 12 hours of credit in recreation and parks.
To: Field based survey and application of recreation, park and tourism principles; selected aspects of park, recreation and tourism management in an operational setting under the supervision of faculty or approved agency personnel; analysis of principles as they relate to operations and issues. Prerequisites: Junior or senior classification and approval of instructor.

RPTS 304. Administration of Recreation Resource Agencies.

Course prerequisites
From: RPTS 201 and RPTS 209; RENR 201.
To: RPTS 201 and RENR 201.

RPTS 308. Foundations of Community and Community Change.

Course title
From: Foundations of Community and Community Change.
To: Foundations of Community and Community Development.

Course description
From: Examines the many facets of community change: types of developments and sources of change, strategies and methods of assessing change, resource identification and mobilization, and outcome implications for policy making.
To: Analysis of the elements comprising a community, community assessment techniques and community development processes engaged by stakeholders and residents to improve living conditions; definitions and principles associated with community development.
RPTS 316. Recreational Management of Wildlands.

Course prerequisites
From: RPTS 307 or approval of instructor.
To: Junior or senior classification.

RPTS 320. Event Management and Operations I.

Course prerequisites
From: Junior or senior classification.
To: RPTS 311.

RPTS 321. Event Management and Operations II.

Course prerequisites
From: RPTS 320 and RENR 201 or equivalent; junior or senior classification.
To: RPTS 311 and RPTS 320.

RPTS 331. Tourism Marketing.

Course prerequisites
From: RPTS 202 or approval of instructor.
To: RPTS 302 and junior or senior classification.

RPTS 336. Recreation Research and Analysis.

Course title
From: Recreation Research and Analysis.
To: Research and Analysis in Recreation and Tourism.

Course description
From: Introduction to current recreation research emphasizing specialized research methodology, adaptive techniques and methods of research review useful to the recreation professional; analysis of the methods of problems identification, formulation and solution.
To: Examination of current tourism and recreation research emphasizing specialized research methodology, adaptive techniques and methods of research useful to the recreation and tourism professional; analysis of the methods of problems identification, formulation and solution.

RPTS 340. Recreation, Parks and Diverse Populations.

Course title
From: Recreation, Parks and Diverse Populations.
To: Recreation, Parks, Tourism and Diverse Populations.
Course description and prerequisites
From: Review of major judicial decisions and civil rights laws on provision and distribution of recreation and park services in society; the influence of age, disability, ethnicity, national origin, race, religion and gender on individual's preferences for particular recreation opportunities and experiences; implications of individual differences for the provision of recreation services.
To: Review of major judicial decisions and civil rights laws on provision and distribution of leisure services in society; influence of age, disability, ethnicity, national origin, race, religion and gender on individual's preferences for particular experiences; implications of individual differences for the provision of services. Prerequisite: Junior or senior classification.


Course prerequisites
From: RPTS 202.
To: RPTS 302.

RPTS 372. Youth Development Practice.

Course number
From: RPTS 372.
To: RPTS 478.

Course description and prerequisites
From: Application of youth development ideals in community settings; principles and practices of community youth development and existing youth development models; local community efforts related to community youth development. Prerequisite: RPTS 370.
To: Application of youth development philosophy in community settings; principles and practices of community youth development and existing youth development models; local efforts related to community youth development. Prerequisite: RPTS 370, RPTS 371 and junior or senior classification.

RPTS 374. Administration of Programs and Services for Youth.

Course number
From: RPTS 374.
To: RPTS 474.

Lab contact hours and semester credit hours
From: (3-0). Credit 3.
To: (3-2). Credit 4.

Course title
From: Administration of Programs and Services for Youth.
To: Management of Programs and Services for Youth.
Course description and prerequisites
From: Overview of topics germane to organization of youth programs; administration and leadership; institutional and organizational structures; administrative and strategic planning; working with volunteer advisory groups; marketing and financing fiscal and human resources. Prerequisite: RPTS 370.
To: Organizational behavior, administration and management of public, non-profit and commercial youth programs and agencies; strategic planning, marketing, financial resource development, budgeting and fiscal management; contemporary issues facing youth development field; international perspective on youth agencies. Prerequisite: RPTS 304, RPTS 370 and RPTS 371.

RPTS 401. Tourism and Recreation Enterprises.

Lab contact hours and semester credit hours
From: (3-0). Credit 3.
To: (3-2). Credit 4.

Course description and prerequisites
From: Market and financial feasibility analysis; resource characteristics, location and market aspects of tourism and recreation enterprises. Prerequisites: 3 hours economics and 3 hours management.
To: Market and financial feasibility analysis; resource characteristics, location and market aspects of tourism and recreation enterprises; sources of funding for facility development; approaches to marketing recreation, park and tourism services; applying knowledge to case study situations. Prerequisites: RPTS 304 or RPTS 423 and senior classification.

Course Inventory (CIP Code)
From: 5219060016
To: 3101010001

RPTS 402. Park Planning and Design.

Lecture contact hours and semester credit hours
From: (3-2). Credit 4.
To: (2-2). Credit 3.

RPTS 403. Financing and Marketing Recreation, Park and Tourism Resources.

Course prerequisites
From: RPTS 311; junior or senior classification.
To: RPTS 304 or RPTS 423; senior classification.

Course Inventory (CIP Code)
From: 3103010001
To: 5219060016
RPTS 408. Community Development and the Landgrant System.

Course title
From: Community Development and the Landgrant System.
To: Community Development and Supporting Institutions.

Course description and prerequisites
From: Introduction to the scope, function and mission of the landgrant system in higher education and its relationship to community development. Prerequisite: Junior or senior classification.
To: Scope, function and mission of domestic and international organizations that support community development efforts. Prerequisites: RPTS 308 or approval of instructor; junior or senior classification.

RPTS 423. Resort and Tourism Management.

Course title
From: Resort and Tourism Management.
To: Tourism Management.

Course description and prerequisites
From: Managing tourism businesses; organization, complexity and scope of tourism systems; tourism issues related to distribution, operations and sustainability; managing tourism in different environments; roles of technology and information technology; future of tourism. Prerequisite: RPTS 202.
To: Management issues and tools related to the travel and tourism industry; history, planning, operations, leading, directing and controlling tourism businesses; complexity and scope of tourism systems; issues related to ethics and sustainability; managing tourism in different environments; roles of technology and information technology; future of tourism. Prerequisite: RPTS 302.

RPTS 426. Tourism Impacts.

Course prerequisites
From: RPTS 202 or approval of instructor.
To: RPTS 302.

RPTS 481. Seminar.

Course description and prerequisites
From: Preparation and presentation by students of papers reviewing recreation literature or reporting on current recreation developments. Required of all recreation and park majors. Prerequisite: Senior classification in recreation and parks.
To: Development of knowledge and skills necessary for employment in the recreation, park and tourism fields; focus on career preparation and job search strategies, professionalism, networking and opportunities for advanced education. Prerequisite: Junior or senior classification.
4. Change in Curriculum

College of Agriculture and Life Sciences
Department of Horticultural Sciences
B.A. in Horticulture
5. Change in Curriculum

College of Agriculture and Life Sciences
Department of Horticultural Sciences
B.S. in Horticulture
6. Change in Curriculum

**College of Agriculture and Life Sciences**
Department of Recreation, Park and Tourism Sciences
B.S. in Recreation, Park and Tourism Sciences
  Community Recreation and Park Administration Option
  Parks and Conservation Option
  Tourism Management Option
  Youth Development Option
  Requirement changes include the development of certificate programs and the phase-out of the program options.
7. Change in Curriculum

**Mays Business School**
Department of Management
B.B.A. in Management

Requirement changes include the development of 5 tracks.
8. Change in Curriculum

College of Education and Human Development
Department of Health and Kinesiology
B.S. in Health
Allied Health Track
9. Change in Curriculum

College of Education and Human Development
Department of Health and Kinesiology
B.S. in Health
Community Health Option
10. Change in Curriculum

College of Education and Human Development
Department of Health and Kinesiology
B.S. in Health
School Health Track
11. Change in Curriculum

**College of Education and Human Development**
Department of Health and Kinesiology
B.S. in Kinesiology
PK-12 Certification
12. Texas A&M University at Galveston

   a. New Courses

   **KINE 210. The Art of Movement. (3-0). Credit 3.** Develop an awareness of personal space and group space while moving, changing speeds, directions and dynamics; encourage improvisation, creativity and spontaneity in responding to challenges posed; spatial designs and patterns in relation to others; performance of movement and dances in interconnected, flowing, meaningful presentations that will be critiqued by classmates, revised and recreated; attend and critique off campus professional presentations to further enhance experience and appreciation of dance/movement.

   **MART 308. Fast Rescue Craft. (2-3). Credit 3.** Search and rescue techniques through fast rescue craft maneuvers and team management; description of various rescue craft and United States Coast Guard “Fast Rescue Craft” Standard of Watchkeeping endorsement. Prerequisites: MART 103, MART 203, MART 204, junior or senior classification or approval of instructor.

   **MART 311. Tug and Towing Operations. (2-3). Credit 3.** Knowledge and theory associated with the safe and efficient operation of towing vessels, utilizing classroom discussion, on-board vessel training and vessel simulation; concepts of vessel construction, business operations, and introduction to TOAR (Towing Operation Assessment Record) for United States Coast Guard. Prerequisites: MART 203, MART 301, MART 321, MART 306, junior or senior classification or approval of instructor.

   **MART 401. Maritime Security. (3-0). Credit 3.** Orientation of maritime security issues, duties and responsibilities based on United States Coast Guard (USCG) and International Maritime Organization (IMO) rules, regulations and recommendations for Vessel, Company and Port Facility Security Officer certification. Prerequisites: MART 300, MART 301, MARA 416, junior or senior classification or approval of instructor.
13. Special Consideration

**College of Agriculture and Life Sciences**
Department of Recreation, Park and Tourism Sciences
B.S. in Recreation, Park and Tourism Sciences
Request for a Certificate in Community Recreation and Park Administration
14. Special Consideration

**College of Agriculture and Life Sciences**
Department of Recreation, Park and Tourism Sciences
B.S. in Recreation, Park and Tourism Sciences
Request for a Certificate in Parks and Conservation
15. Special Consideration

**College of Agriculture and Life Sciences**
Department of Recreation, Park and Tourism Sciences
B.S. in Recreation, Park and Tourism Sciences
Request for a Certificate in Tourism Management
16. Special Consideration

**College of Agriculture and Life Sciences**
Department of Recreation, Park and Tourism Sciences
B.S. in Recreation, Park and Tourism Sciences
Request for a Certificate in Youth Development