

**University Senate Curriculum Committee Report**  
**February 5, 2015**

**I New Program**

- Five-year B.S.-M.S. Degree Program in Physics

**II Program Suspension**

- RTS-BS : BS in Recreation & Tourism Studies

**III New Courses**

- BIOL 360 : Soil Ecology
- BIOL 390 : Endocrinology
- BIOL 396 : Fisheries and Wildlife Biology Pre-Internship Seminar
- BIOL 430 : Human Dimensions of Wildlife and Fisheries
- BIOL 435 : Large Mammal Ecology and Management
- CHE 597 : Graduate Cooperative Education
- COMM 339 : Digital Video Production
- ECON 506 : Econometrics
- ENGL 234 : Introduction to Writing, Editing, and Publishing
- ENGL 334 : Practicum in Writing, Editing, and Publishing
- ENGR 556 : Engr 556: System Dynamics I
- ENGR 558 : Engr 558: System Dynamics II
- GEOL 316 : Earth Materials
- GEOL 551 : Heat Flow
- GEOL 560 : Geothermics I
- GEOL 561 : Geothermics II
- IS 358 : American Indians and Sovereignty
- MRKT 340 : Integrated Marketing Communications
- MRKT 386 : Field Experience in Marketing
- MATH 092 : Algebra Prep II
- MATH 093 : Algebra Prep II
- ME 566 : Introduction to Machine Vision
- ME 580 : Introduction to Autonomous Robotics
- MUSC 511 : Chamber Music Literature
- MUSC 592 : Individual Lessons: Collaborative Piano
- N&D 997 : Independent Study
- PHYS 520 : Cosmology
- SPST 508 : Quality Engineering for the Space Industry
- SPST 542 : Risk Management of Space Organizations

#### **IV Course Deletions**

- COMM 301 : Psychology of Communication
- COMM 366 : Business and Professional Speaking
- COMM 461 : Political Communication
- COMM 407 : Communication Technologies and the Future
- COMM 403 : Community Relations
- EE 304L : Laboratory
- ENGL 425 : Introduction to Editing and Publishing
- ENGL 426 : Professional Writing and Editing
- HON 490 : The University: An Interdisciplinary Capstone
- MATH 102 : Intermediate Algebra
- MRKT 312 : Advertising
- MRKT 412 : Promotional Strategy
- N&D 549 : Nutrition Education Assessment
- N&D 597 : Nutrition Education Practicum

#### **Senate Approval is not required for the following report items**

#### **V Program Changes**

- AIS-BA : American Indian Studies
  - Change in program requirements
- AIS-Minor : Minor in American Indian Studies
  - Change in program requirements
  - Revised for format and language consistency
- AVIT-BSAERO-UAS : BS in Aeronautics with Major in Unmanned Aircraft Systems Operations
  - Change in program requirements
- AVIT-MS : MS in Aviation
  - Added the following language: Law courses available on-campus only (not available via distance education)
- Biol-BS-F&W : BS with Major in Fisheries & Wildlife Biology
  - Change in program requirements
- Biol-BS-MOL : BS with Major in Molecular & Integrative Biology
  - Change in program requirements
- Biol-BS-PHS : BS with Major in Biology (Pre-Health Sciences)
  - Change in program requirement
- Biol-BS : BS with Major in Biology
  - Change in program requirements
- BS in Medical Laboratory Science : Medical Laboratory Science
  - Change Pathology to Medical Laboratory Science
- MLS-Cert : Certificate in Medical Laboratory Science
  - Change Pathology to Medical Laboratory Science
- COUN-PhD : PhD in Counseling Psychology
  - Change in degree requirements
- CSci-BA : BA with Major in Computer Science

- Addition of “C” or better in required courses that are prerequisites to other required courses.
- Inserted “UND” in the elective rule
- CSci-PhD : PhD in Scientific Computing
  - Change in degree requirements
- ECON-MSAE : MS in Applied Economics
  - Change in degree requirements
- EE-BS-AE Focus : BS in Electrical Engineering with Aerospace Focus
  - Change in program requirements
- EE-BS-BE Focus : BS in Electrical Engineering with Biomedical Engineering Focus
  - Change in program requirements
- EE-BS-CS Focus : BS in Electrical Engineering with Computer Science Focus
  - Remove “Includes Minor in Mathematics”
  - Change in Program requirements
- EE-BS : BS in Electrical Engineering
  - Change in program requirements
- EE-MEng : Master of Engineering in Electrical Engineering
  - Change in degree requirements
- EE-MS : MS in Electrical Engineering
  - Change to Thesis option
  - Change to Non-Thesis option
- ENG-PhD : PhD in Engineering
  - Change in degree requirements
  - Addition of requirements for Ph.D. students in the EE track
- GeoE-MS : MS in Geological Engineering
  - Change in language of admission requirements
  - Revised for format and language consistency
- Geol-MA : MA in Geology
  - Revised for format and language consistency
  - Calculus requirement moved from a degree requirement to an admission requirement
- Geol-MS : MS in Geology
  - Revised for format and language consistency
  - Calculus requirement moved from a degree requirement to an admissions requirement
- Master of Public Administration
  - Addition of Social Entrepreneurship as a track.
- ME-BS : BS in Mechanical Engineering
  - Change in program requirements
- N&D-BS : BS in Community Nutrition
  - Change in program requirements
- NUR-MS-N&D : Master’s Degree in Nutrition & Dietetics
  - Combined two specializations (Nutrition Counseling and Nutrition Education) into a single specialization
  - Change in degree requirements
- PA-MPA : Master of Public Administration
  - Change in degree requirements
- PtrE-BS : BS in Petroleum Engineering

- Change in program requirements
- Psyc-MA-FP : MA in Forensic Psychology
  - Change in Admissions Requirements
  - Change in degree requirements
- Psyc-MS-FP : MS in Forensic Psychology
  - Change in Admission Requirements
- T&L-BSED-EE : BSED with Major in Elementary Education
  - Revised for format and language consistency

## VI Course Changes: Undergraduate

- ART 100 : Introduction to Sculpture – Course Inventory Change Request
  - Terms offered: Fall
- ART 212 : Concepts of Art – Course Inventory Change Request
  - Terms offered: Fall
- ART 245 : Black and White Photography I – Course Inventory Change Request
  - Terms offered: Fall and Spring
- ART 413 : History of Graphic Design – Course Inventory Change Request
  - Terms offered: Spring
- ART 480 : Advanced Graphic Design – Course Inventory Change Request
  - Terms offered: Fall and Spring
- ART 494 : Professional Exhibition – Course Inventory Change Request
  - Terms offered: Spring
- ART 498 : Seminar in Art and Design Capstone – Course Inventory Change Request
  - Terms offered: Spring
- ATSC 270 : Computer Concepts in Meteorology
  - Prerequisite change
  - Terms offered: Spring
- AVIT 226: Introduction to UAS Operations
  - Course number change from 226 to 126
  - Prerequisite change
  - Terms offered: Fall and Spring
- AVIT 331 : UAS Flight Systems
  - Prerequisite change
- AVIT 332 : UAS Ground Systems
  - Prerequisite change
- AVIT 333 : UAS Remote Sensing
  - Prerequisite change
  - Terms offered: Fall and Spring
- AVIT 334 : UAS Communications and Telemetry Systems
  - Prerequisite change
  - Terms offered: On demand
- AVIT 337 : Survey of Unmanned Aircraft Systems

- Prerequisite change
- Terms offered: Fall, Spring, and Summer
- AVIT 338: UAS Operations
  - Course number change from 338 to 438
  - Prerequisite change
  - Terms offered: Fall, Spring, and Summer
- AVIT 397: Cooperative Education
  - Change in credits from 1 to 1-2
  - Prerequisite change
- AVIT 412: Aviation Safety Assurance
  - Course title change to Aviation Safety Analysis
  - Terms offered: Spring
- BIOL 121 : Introduction to Fisheries and Wildlife Biology
  - Terms offered: Fall
- BIOL 150 : General Biology I
  - Revise course description
  - Terms offered: Fall
- BIOL 151 : General Biology II
  - Revise course description
  - Terms offered: Spring
- BIOL 418 : Systems Biology
  - Terms offered: Spring
- BIOL 431 : Wildlife Management
  - Change in credit hours from 3 to 4
  - Revise course description
- BIOL 432 : Techniques in Wildlife Population Assessment
  - Change in credit hours from 3 to 4
- BIOL 450 : Molecular Genetics
  - Terms offered: On Demand
- BIOL 460 : Molecular Biology of the Cell
  - Terms offered: On Demand
- BIOL 470 : Biometry
  - Change in credit hours from 3 to 4
- COMM 313 : Persuasion
  - Prerequisite change
  - Terms offered: Fall
- COMM 499 : Special Topics
  - Change in credit hours from 1 to 1-3
  - Prerequisite change
  - Revise course description
- CSCI 492 : Senior Project I

- Change in credit hours from 1 to 2
- Terms offered: Fall
- EE 206 : Circuit Analysis
  - Terms offered: Fall
- EE 306 : Circuits Laboratory I
  - Terms offered: Fall and Summer
- EE 307 : Circuits Laboratory II
  - Terms offered: Spring and Summer
- EE 313 : Linear Electric Circuits
  - Terms offered: Spring
- ISBC 397 : Cooperative Education
  - Change in credit hours from 1 to 1-2
  - Change in total credits allowed from 3 to 2
  - Revise course description
- LING 451 : Phonology I
  - Prerequisite change
- MLS 325L: Hematology Laboratory
  - Prerequisite change
  - Terms offered: Fall, Spring, and Summer
- MGMT 397 : Cooperative Education
  - Change in credit hours from 1 to 1-2
  - Revise course description
- MRKT 397 : Cooperative Education in Marketing
  - Change in credit hours from 1 to 1-2
- MUSC 415 : Song Literature
  - Course title change to Vocal Literature
  - Change in credit hours from 2 to 3
  - Prerequisite change
  - Terms offered: Fall odd years
  - Revise course description
- PTRE 201 : Introduction to Petroleum Engineering
  - Prerequisite change
  - Revise course description
- PTRE 311 : Petroleum Fluid Properties
  - Revise course description
- SOC 110 : Introduction to Sociology
  - Terms offered: Fall, Spring, and Summer
- SOC 250 : Diversity in American Society
  - Terms offered: Spring
- SOC 331 Rural Sociology
  - Title change to Community Sociology

- Revise course description
- SOC 335 : The Family
  - Terms offered: Fall
- SOC 340 : Sociology of Gender and Sex Roles
  - Change of credit hours from 2-4 to 3
  - Terms offered: Spring
- SOC 431 : Organizations and Behavior
  - Terms offered: On demand
- SOC 361 : Social Psychology
  - Terms Offered: Spring
- SOC 435 : Racial and Ethnic Relations – Course Inventory Change Request
  - Prerequisite change
  - Terms Offered: On Demand
  - Revise course description
- SOC 450 : Deviant Behavior – Course Inventory Change Request
  - Change in credit hours from 3-4 to 3
- SOC 475 : Sociology Capstone - Course Inventory Change Request
  - Terms offered: Fall and Spring
- SWK 317 : Social Work Research & Data Analysis
  - Course title change to Social Work Research
  - Change in credit hours from 4 to 3
  - Prerequisite change
  - Revise course description
- T&L 350 : Development and Education of the Adolescent – Course Inventory Change Request
  - Revise course description
- T&L 432 : Classroom Management – Course Inventory Change Request
  - Title change to Learning Environments
  - Revise course description

## **VII Course Changes: Graduate**

- AERO 530: Advanced Earth Systems Sciences
  - Prefix change from AERO to ATSC
  - Course number change from 530 to 538
  - Prerequisite change
  - Terms offered Fall Even Years
- ATSC 505 : Advanced Atmospheric Dynamics
  - Change in credit hours from 3 to 4
  - Terms offered: Fall
- CHE 501 : Advanced Transport Phenomena
  - Terms offered: Spring Even Years
- CHE 509 : Advanced Chemical Engineering Thermodynamics

- Prerequisite change
- Terms offered: Fall Even Years
- COUN 501 : Ethics: Counseling and Counseling Psychology
  - Terms offered: Fall
  - Revise course description
- COUN 531: Psychology of Women, Gender and Development
  - Course title correction to Psychology of Women, Gender and Development
  - Grading basis change from S/U to Graded
  - Terms Offered: On Demand
  - Revise course description
- COUN 552 : Counseling Psychology Professional Seminar I
  - Terms Offered: Fall
  - Revise course description
- COUN 555 : Advanced Psychometrics
  - Terms offered: Fall Even Years
  - Revise course description
- COUN 560 : Supervision Theory and Technique
  - Prerequisite change
  - Terms Offered: Spring
  - Revise course description
- COUN 583 : Doctoral Practicum
  - Change in credit hours from 3 to 2
  - Change in total credits allowed from 15 to 12
  - Terms Offered: Fall, Spring, and Summer
  - Revise course description
- EE 570 : Seminar
  - Repeatable for credit from No to Yes
  - Total credits allowed: 3
  - Terms offered: On Demand
  - Revise course description
- GEOL 500 : Sedimentary Geology A,B,C&D
  - Title change to Sedimentary Geology
  - Change in repeatable for credit from No to Yes
  - Total credits allowed from 6 to 12
  - Terms offered: Fall
  - Revise course description
- GEOL 515 : Advanced Paleontology
  - Prerequisite change
  - Terms offered: On Demand and Spring
  - Revise course description



- LING 506 : Field Methods
  - Prerequisite and Corequisite change
  - Terms offered: Summer
- LING 519 : Introduction to Literacy Principles
  - Prerequisite and Corequisite change
  - Revise course description
- LING 530 : Introduction to Writing Systems
  - Prerequisite and Corequisite change
  - Terms offered: Summer
  - Revise course description
- MUSC 525 : Vocal Literature
  - Terms offered: Fall odd years
  - Revise course description
- MUSC 578 : Collaborative Piano
  - Course title change to Seminar for Collaborative Piano
  - Total credits from 99 to 2
  - Revise course description
- MUSC 579 : Chamber Ensembles
  - Revise course description
- N&D 550 : Nutrition Education
  - Title change to Nutrition Education and Program Planning
  - Change in credit hours from 2 to 3
  - Prerequisite change
  - Terms offered: Fall Even Years
- N&D 560 : Nutrition Counseling
  - Change in credit hours from 2 to 3
  - Prerequisite change
  - Terms offered: Spring Odd Years
- N&D 596 : Nutrition Counseling Practicum
  - Title change to Nutrition Education and Counseling Practicum
  - Change in credit hours from 1 to 2
  - Prerequisite change
  - Terms offered: Summer Even Years
  - Revise course description
- POLS 997 : Independent Study
  - Prerequisite change
  - Grading basis change from ANC to Graded
  - Revise course description
- PSYC 997 : Independent Study
  - Change in credit hours from 2 to 3
  - Grading basis change from ANC to Graded
  - Terms Offered: Fall, Spring, and Summer
  - Revise course description
- SPED 506 : Introduction to Emotional Disorders

- Change in credit hours from 2 to 3
- Terms offered: Fall, Spring, and Summer
- SPED 507 : Introduction to Intellectual Disabilities
  - Change in credit hours from 2 to 3
- SPED 508 : Introduction to Learning Disabilities
  - Change in credit hours from 2 to 3
- SPED 510 : Early Intervention for Children with Special Needs
  - Change in credit hours from 2 to 3
- SPED 560 : Introduction to Autistic Spectrum Disorder
  - Change in credit hours from 2 to 3
  - Terms offered: Fall, Spring, and Summer
- SPED 561 : Methods for Autistic Spectrum Disorder
  - Change in credit hours from 2 to 3
  - Terms offered: Fall, Spring, and Summer
- SPED 562 : Autistic Spectrum Disorder: Supports Across the Lifespan
  - Change in credit hours from 2 to 3
  - Prerequisite change
  - Terms offered: Fall and Spring
- SPED 563 : Autistic Spectrum Disorder: Medical Issues and Trends
  - Change in credit hours from 2 to 3
  - Prerequisite change
  - Terms offered: Fall and Spring
- SPED 565 : Methods for Students with Asperger Syndrome
  - Change in credit hours from 2 to 3
  - Prerequisite change
  - Terms offered: Summer
- SPED 566 : Autistic Spectrum Disorder Intensive Early Intervention
  - Change in credit hours from 2 to 3
  - Prerequisite Change
  - Terms offered: Fall and Summer
- SPED 567 : ASD Assessment
  - Change in credit hours from 2 to 3
- SPED 591 : Readings: Special Education
  - Change in credit hours from 1 to 1-4
  - Prerequisite change
  - Terms offered: Fall, Spring, and Summer
- SPED 995 : Scholarly Project
  - Prerequisite change
  - Terms offered: Fall, Spring, and Summer
- SPST 500: Introduction to Orbital Mechanics
  - Prerequisite Change

- Terms offered: On Demand
- SPST 501: Survey of Space Studies I
  - Revise course description
  - Terms offered: Fall
- SPST 502: Survey of Space Studies II
  - Prerequisite change
  - Revise course description
  - Terms Offered: Spring
- SPST 519: Closed Ecological Systems for Life Support
  - Prerequisite change
  - Terms Offered: On Demand
- SPST 520: Asteroids, Meteorites and Comets
  - Prerequisite change
  - Terms Offered: On Demand
- SPST 521: The Planet Mars
  - Prerequisite change
- SPST 524: Current Topics in Astrobiology
  - Prerequisite change
  - Terms offered: On Demand
- SPST 526: Advanced Observational Astronomy
  - Course title change to Astronomical and Spacecraft Instrumentation
  - Prerequisite change
  - Revise course description
  - Terms Offered: On Demand
- SPST 527: Extraterrestrial Resources
  - Prerequisite change
  - Terms offered: On Demand
- SPST 528: Space Environment and the Sun
  - Prerequisite change
  - Terms Offered: On Demand
- SPST 540 : Space Economics and Commerce
  - Prerequisite change
  - Terms offered: On demand
- SPST 541 : Management of Space Enterprises
  - Prerequisite change
  - Terms offered: On Demand
- SPST 545 : Space and the Environment
  - Prerequisite change
  - Terms offered: On Demand
- SPST 552: History of Astronomy and Cosmology
  - Prerequisite change

- Terms Offered: On Demand
- SPST 555 : Military Space Programs
  - Prerequisite change
  - Terms offered: On Demand
- SPST 560 : Space Politics and Policy
  - Prerequisite or Corequisite change
  - Terms Offered: On Demand
- SPST 561: Public Administration of Space Technology
  - Prerequisite change
  - Terms Offered: On Demand
- SPST 565 : Space Law
  - Prerequisite or Corequisite change
  - Terms Offered: On Demand
- SPST 574: Remote Sensing in Developing Countries
  - Prerequisite change
  - Terms Offered: On Demand
- SPST 575: Remote Sensing Law and Policy
  - Prerequisite change
  - Terms Offered: On Demand
- SPST 581 : Field Visit to Space Centers
  - Prerequisite change
  - Terms Offered: On Demand