5-7-2004

SR-03-04-53 CC

Marshall University

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CURRICULUM COMMITTEE
RECOMMENDATION

SR-03-04-53 CC

Recommends approval of the listed **MAJORS, CERTIFICATE PROGRAMS, AREAS OF EMPHASIS—ADDITIONS/CHANGES** from the following colleges and/or schools: (detailed information about each addition/change is available for review in the Faculty Senate office)

- **COLLEGE OF INFORMATION TECHNOLOGY & ENGINEERING AND THE COLLEGE OF SCIENCE**

  Modification of an Existing Major: **FROM**: Computer Science and Software Development (CSD) **TO**: Computer Science (CS)
  Note: Following the approval of SR-02-03-(61) 91 CC, the reactivation of the Computer Science and Software Development degree program, this request renames the degree program to Computer Science. The program will be jointly administered by COS and CITE with student and course records being housed in CITE.
  Description: The B.S. degree program requires 128 credit hours (CH) of coursework. Students are advised to pay careful attention to Marshall Plan requirements and to consult with an advisor. The general degree requirements of the Colleges of Science and Information Technology and Engineering are superceded by the requirements.
  Curriculum: Orientation (1 hour), General Education (30 hours), Mathematics (18 hours), Science (12-15 hours), Business (9 hours), Computer Science Core (40 hours), Computer Science Electives (minimum 6 hours), Free Electives (9-12 hours).

- **COLLEGE OF SCIENCE**

  Creation of a New Major: B.S. in Chemistry, Major in Biochemistry
  Description: Students completing the Biochemistry degree will be prepared for career opportunities in the biotechnology, forensics, environmental, pharmaceutical, agricultural, and medical fields. Students will also be well prepared for graduate-level study in biochemistry, biotechnology, and genetics and molecular biology. Additionally, Biochemistry is an excellent choice for students desiring to attend professional training in Medicine, Dentistry, Pharmacy, Law or Engineering.
  Curriculum: Science (70-79 hours), General Humanities and Social Science Requirements (42-54 hours), and General Electives from any college (10-22 hours).

  Creation of a New Major: B.S., Major in Computer and Information Technology
  Description: This major is intended for students who wish to pursue a career in the Information Technology and/or Computer Technology field. The creation of this major will require no new courses as it is simply the move of an area of emphasis that currently exists to a major.
  Curriculum: General Education (40 hours), Analytical Methods (16 hours), Issues in Science and Technology (7 hours), Instrumentation (6 hours), Strategic Sector Hours (24 hours), Area of Emphasis (12-14 hours), Science or Technical Electives (12-14 hours), Senior Project (6 hours).

FACULTY SENATE PRESIDENT:

APPROVED
BY SENATE: _~Larry Stickler~_ DATE: _5/7/2004_

DISAPPROVED
BY SENATE: _____ DATE: _____

UNIVERSITY PRESIDENT:

APPROVED: _~Dan Angel~_ DATE: _5/11/19_

DISAPPROVED: _____ DATE: _____

COMMENTS: _____