UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: _____ Keith Decker _____ phone number _____831-1959____

Department: _____CISC_____ email address___decker@udel.edu__

Date: _____November 2010_____

Action: _____revise major_____
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term_____11F_____
(use format 04F, 05W)

Current degree_____BS_____
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: _____BS_____
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name:_____Information Systems_____
Proposed new name for revised or new major / minor / concentration / academic unit
(if applicable)

Revising or Deleting:

Undergraduate major / Concentration:_____
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor:_____
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change:_____
(**Must attach** your Graduate Program Policy Statement)

Graduate Program of Study:_____
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration:_____

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?
(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

None

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: http://www.ugs.udel.edu/gened/

This change only affects the wording of major's breadth requirements, and does not increase or decrease the number of credits involved in any breadth subarea.

Identify other units affected by the proposed changes:
(Attach permission from the affected units. If no other unit is affected, enter "None")

None

Describe the rationale for the proposed program change(s):
(Explain your reasons for creating, revising, or deleting the curriculum or program.)

The Department of Computer and Information Sciences moved from the College of Arts & Sciences to the College of Engineering. The wording changes are to bring the catalog description into alignment with the new College.

Program Requirements:
(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.)

THERE ARE NO CREDIT DISTRIBUTION CHANGES

DEGREE: BACHELOR OF SCIENCE
MAJOR: INFORMATION SYSTEMS

CURRICULUM		CREDITS
UNIVERSITY REQUIREMENTS		
ENGL 110 (minimum grade C-)	Critical Reading and Writing	3
First Year Experience (FYE)		0-4
Discovery Learning Experience (DLE)		3
Multi-cultural Courses		3
COLLEGE REQUIREMENTS		

Breadth Requirements 21

The College of Engineering requires 21 total credits, which includes 9 additional credits above and beyond the 12 University Breadth Requirement credits. Coursework may include courses from the University Breadth Requirement list and the **College of Engineering Supplemental Course list**. See **College of Engineering Breadth Requirements** for a detailed description. For timely progress toward degree completion, 3 credits must satisfy the University multi-cultural requirement. All courses must be passed with a minimum grade of C-.

MATHEMATICS AND SCIENCE REQUIREMENTS

MATH 241	Analytic Geometry and Calculus A	4
MATH 210	Discrete Mathematics I	3
MATH 205	Statistical Methods	4

Laboratory Science Course:

Must be one of the following two-semester sequences:		8
PHYS 207/PHYS 208	Fundamentals of Physics	
PHYS 201/PHYS 202	Introductory Physics	
CHEM 103/CHEM 104	General Chemistry	
BISC 207/BISC 208	Introductory Biology	
GEOL 105/GEOL 115/GEOL 107	Geological Hazards and Laboratory, General Geology	

OTHER NON-MAJOR REQUIREMENTS

ENGL 312	Written Communications in Business	

or

ENGL 410	Technical Writing	3
COMM 212	Oral Communication in Business	3

MAJOR REQUIRMENTS

CISC 108	Introduction to Computer Science I (minimum grade C-)	3
CISC 181	Introduction to Computer Science II (minimum grade C-)	3

CISC 220	Data Structures (minimum grade C-)	3
CISC 250	Business Telecommunication Networks	3
CISC 275	Introduction to Software Engineering	3
CISC 355	Computers, Ethics, and Society	3
CISC 437	Database Systems	3
CISC 475	Advanced Software Engineering	3
MISY 430	Systems Analysis and Implementations	3

BUSINESS CORE REQUIREMENTS

ACCT 207	Accounting I	3
ACCT 208	Accounting II	3
BUAD 306	Operations Management	3
BUAD 309	Management and Organizational Behavior	3
BUAD 301	Introduction to Marketing	3

or

FINC 311	Principles of Finance

IS CORE REQUIREMENTS

MISY 431	Technological Problem Solving	3
MISY 432	Problem Solving Project Management	3
Electives (3 courses)		9

These 3 additional courses are selected from **CISC 260**, CISC courses numbered 300 or above, **BUAD 301**, **FINC 311**, MISY courses numbered 300 or above (except **MISY 330**) and approved by the student's advisor.

ELECTIVES
In addition to the required courses, sufficient credits must be taken to meet the minimum credits required for the degree.

CREDITS TO TOTAL A MINIMUM OF	124

ROUTING AND AUTHORIZATION: (Please do not remove supporting documentation.)

Department Chairperson _Daniel Chester_ Date_12/1/2010_

Dean of College_____ _For Michael Chajes_____ Date_12/9/10___

Chairperson, College Curriculum Committee_____ Date_12/6/2010___

Chairperson, Senate Com. on UG or GR Studies_____ Date_____

Chairperson, Senate Coordinating Com._____ Date_____

Secretary, Faculty Senate_____ Date_____

Date of Senate Resolution_____ Date to be Effective_____

Registrar _____ Program Code_____ Date_____

Vice Provost for Academic Affairs & International Programs_____ Date_____

Provost _____ Date_____

Board of Trustee Notification _____ Date_____

Revised 02/09/2009 /khs