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: ___David Saunders_____phone number____6238

Department: __Computer and Information Sciences____email address___saunders@udel.edu

Date: __2010 Apr 12

Action: ____CIS Department move to College of Engineering ___
(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_____ 10F _____
(use format 04F, 05W)

Current degree__ various _____
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

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

Proposed name:___ no change to program names _____
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/

No change

Identify other units affected by the proposed changes:

(Attach permission from the affected units. If no other unit is affected, enter "None")

The Colleges of Arts and Sciences and of Engineering are obviously affected. The Arts and Sciences Senate has endorsed the change and Dean Watson has approved. The College of Engineering faculty has endorsed the change.

Educational programs will not be affected, neither those supporting CIS majors nor those that are supported by CIS for various requirements and options.

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

Computer science is fundamentally an engineering design discipline. All of the theories and practices developed and promoted through computer science research and education are for the purpose of understanding and enhancing how computing technology serves humankind.

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.)

Graduate programs: No changes are anticipated to the CIS PhD program, the MS in Computer Science, nor the new interdisciplinary MS and certificate programs in Software Engineering (joint with the Department of Electrical and Computer Engineering), in Bioinformatics (managed by an multidisciplinary committee), and the graduate certificate program in scientific and engineering computation.

Undergraduate programs: No changes are anticipated to the Bachelor of Science majors in Computer Science and in Information Systems. The College of Engineering breadth requirements (page 186 of the undergraduate and graduate catalog) may be adopted for consistency with other majors in the college. Like the A&S breadth requirements in our current bachelor of science majors, these call for 18 credits in Arts/Humanities/Social Sciences. Within that, the specification is somewhat different from the A,B,C categories used in A&S. But this would not be expected to make a discernible difference in course choices of our majors. The writing and communication requirements will remain as now. The breadth requirement change, after Department and College approval process, will be will be submitted to the appropriate committees of the Faculty Senate during next academic year.

The Bachelor of Arts major in Computer Science is pursued by some students, particularly some who seek a double major with another Arts and Science program. We propose to continue the BA under the Arts and Sciences rules for BA programs.

Minors: No changes are anticipated to the requirement structure or availability of the minors in computer science and in bioinformatics.

Service offerings: CISC 101, 103, 106, 108 (and following courses such as CISC 181 and 220) will continue to be offered to provide an introduction to computing theory and practice to students with a variety of goals, interests, and aptitudes. We will continue to look for ways to meet the needs of students across campus to learn in depth about the nature of the computing technology that pervades our lives.

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

Department Chairperson _____Date_____

Dean of College_____Date_____

Chairperson, College Curriculum Committee_____Date_____

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_____

UNIVERSITY FACULTY SENATE FORMS

Provost _____Date_____

Board of Trustee Notification _____Date_____

Revised 02/09/2009   /khs