

# 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:** Errol Lloyd (CIS) phone number x1958  
Mark Mirotznik (ECE)

**Department:** Computer and Information Sciences email address [elloyd@udel.edu](mailto:elloyd@udel.edu)  
Electrical and Computer Engineering [mirotzni@ece.udel.edu](mailto:mirotzni@ece.udel.edu)

**Action: :** Create new MS degree program in Software 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 :** 2010 Fall  
(use format 04F, 05W)

**Current degree NA**  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

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

**Proposed name:** MS in Software Engineering  
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

**Revising or Deleting: Not applicable.**

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

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

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

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

**Graduate minor / concentration NA**

**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")

- CISC611/CPEG611 - Software Process and Project Management
- CISC612/CPEG612 – Software Design
- CISC613/CPEG613 - Software Requirements Engineering
- CISC614/CPEG614 – Software Verification
- CISC615/CPEG615 – Software Testing and Maintenance
- CISC691/CPEG691 – Software Engineering Practicum

These are core courses in the proposed program. CISC614/CPEG614 is currently offered as CISC603 and CISC615/CPEG615 has been offered as CISC879

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

NA

**Identify other units affected by the proposed changes:**

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

None other than CIS and ECE.

**Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

See attached proposal.

**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.)

See attached proposal.

**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 \_\_\_\_\_

Provost \_\_\_\_\_ Date \_\_\_\_\_

Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_

