

Office of the Registrar  
3300 South Federal Street Suite 104  
Chicago, IL 60616  
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### COURSE CATALOG ADD/CHANGE/DELETE FORM

This is a: ☒ new course ☐ revised course ☐ eliminated course Effective Term: Summer 2013

The following information is required to approve a new course, alter an existing course, or eliminate an existing course from the academic catalog. All new course numbers are subject to revision by the Office of the Registrar prior to adding a new course to catalog. This request is to be submitted to the Office of the Registrar once all appropriate signatures have been obtained. A copy of the completed form will be returned to the department once it has been processed.

College	Science	Department	Undergraduate Education Department
<b>All Signatures Required</b>			
Department Chair		Date	
Academic College Dean (if different than Department Chair)	<i>Matthew Bauer</i>	Date	12/11/12
Associate Provost for Undergraduate Affairs (For Undergraduate Courses ONLY)		Date	
Associate Dean for Academic Affairs, Graduate College (For Graduate Courses ONLY)		Date	
Undergraduate Studies General Education Sub-Committee Approval (For General Education Requirements)		Date	

Please complete all areas of information requested below:

Subject Code	Course Number	Course Title			
SCI	111	Computational Science			
Course Level	Schedule Type	Course Grading	Credit Hours: (LEC-LAB-OTHER)	Credit Hours	Variable Credit
Undergraduate	Lecture	Standard Letter	2 0 2	2	From To

#### Course Description

This course will integrate math, physics, and chemistry, with computation as the unifying concept. Students will participate in hands-on activities with the goal of learning "big ideas" and using computation to explore optimization and patterns in science and nature.

#### Prerequisite

none

List any prerequisites that may be taken concurrently.

State in words any restrictions based on level, class, field of study, program, academic college, etc. (Examples: This course is only for graduate students. This course is for students in the Master of Landscape Architecture program.)

none

General Education Requirements. Please check all that apply. Please attach syllabus showing how course will meet these requirement(s).

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Communications Requirement (COM)  | <input type="checkbox"/> CAEE Design Course (DCAE)         | <input type="checkbox"/> Ethics Content (ETHS)                          |
| <input type="checkbox"/> Humanities Requirement (HUM)      | <input type="checkbox"/> Lab Safety Instruction (LSI)      | <input type="checkbox"/> Natural Science/Engineering Requirement (NSCI) |
| <input type="checkbox"/> EECE Professional Elective (PECE) | <input type="checkbox"/> Social Sciences Requirement (SOC) |   |

Course Purpose: Please use the space below to explain one of the following:

- New Course: Why is this course being offered? What is its relation to the departmental curriculum? What extracurricular or extra-departmental use does it have?
- Revised Course: Why is this course being revised?
- Eliminated Course: Why is this course being eliminated? Is the elimination of this course balanced by the institution of any other course or courses?

This new courses is being offered to local high school students as a recruiting tool to get them interested in STEM and IIT.

**\*\*New Courses: Please attach a detailed course syllabus, including time distribution to be allocated to the respective topics.\*\***

Office of the Registrar's Use Only:

Processed By: \_\_\_\_\_

Date Processed: \_\_\_\_\_

updated 2011.02.16

Print Form