

LSC Use Only No: <i>07-16d.</i>	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date: <i>P-10/2/07</i> <i>App-10/2/07</i>	Senate Action Date: <i>Info. 12/4/07</i>
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Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

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Proposing Department/Unit Computer Science Department	Phone 7-7994

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply) <input type="checkbox"/> New Course <input type="checkbox"/> Course Prefix Change <input type="checkbox"/> Course Deletion <input type="checkbox"/> Course Revision <input type="checkbox"/> Course Number and/or Title Change <input checked="" type="checkbox"/> Catalog Description Change	
COSC 319 Software Engineering Concepts	
<u>Current Course prefix, number and full title</u> <u>Proposed course prefix, number and full title, if changing</u>	
2. Additional Course Designations: check if appropriate <input type="checkbox"/> This course is also proposed as a Liberal Studies Course. <input type="checkbox"/> Other: (e.g., Women's Studies, Pan-African) <input type="checkbox"/> This course is also proposed as an Honors College Course.	
3. Program Proposals <input type="checkbox"/> New Degree Program <input type="checkbox"/> Program Title Change <input type="checkbox"/> Program Revision <input type="checkbox"/> New Minor Program <input type="checkbox"/> New Track <input type="checkbox"/> Other <input type="checkbox"/> Catalog Description Change	
<u>Current program name</u> <u>Proposed program name, if changing</u>	
4. Approvals	
Department Curriculum Committee Chair(s)	<i>[Signature]</i> Date <i>5 Dec 06</i>
Department Chair(s)	<i>[Signature]</i> <i>12/7/06</i>
College Curriculum Committee Chair	<i>[Signature]</i> <i>25/17/06</i>
College Dean	<i>[Signature]</i> <i>9/24/07</i>
Director of Liberal Studies *	
Director of Honors College *	
Provost *	
Additional signatures as appropriate: (include title)	
UWUCC Co-Chairs	<i>[Signature]</i> <i>10/2/07</i>

* where applicable

Received
SEP 25 2007

Part II Description of Curriculum Change

1. A complete catalog description including the course name, class and lab hour designation, number of credits, the prerequisites, and the new course description.

COSC 319 Software Engineering Concepts

3c-0l-3cr

Prerequisites: *COSC 310 or instructor permission*

Software engineering concepts include the collection of tools, procedures, methodologies, and accumulated knowledge about the development and maintenance of software-based systems. Strongly suggested for any student planning to take an internship in Computer Science. After an overview of the phases of the software lifecycle, current methodologies, tools, and techniques being applied to each phase is discussed in depth with localized exercises given to reinforce learning of concepts.

2. A listing of the proposed change including the complete old catalog description.

COSC 319 Software Engineering Concepts

3c-0l-3cr

Prerequisites: COSC 220 and 310 or instructor permission

Software engineering concepts include the collection of tools, procedures, methodologies, and accumulated knowledge about the development and maintenance of software-based systems. Strongly suggested for any student planning to take an internship in Computer Science. After an overview of the phases of the software lifecycle, current methodologies, tools, and techniques being applied to each phase is discussed in depth with localized exercises given to reinforce learning of concepts.

3. Justification/rationale for the change.

COSC 220 is no longer required for COSC 319 because software engineering in the modern days is intensely based on object-oriented concepts and theories. This makes COSC 310 Data structures and Algorithm more relevant prerequisite for COSC 319. In the early days software engineering was based on modular decomposition and top-down design concepts. The procedural concepts discussed in COSC 220 used to provide a good foundation for the COSC 319. However, it is not the case any more.

Part III. Letters of Support or Acknowledgement

Not applicable