

Catalog Description for the Revised Bachelor of Arts-Computer Science 1. As a stimulation Library Studion acction with the following specifications: Mathematics: 3cr, MATH 125 (1) Liberal Studies Electives: 3cr, MATH 216 37 Major: **Required Courses:** COSC 105 Fundamentals of Computer Science 3cr COSC 110 Problem Solving and Structured **Programming** 3cr COSC 210 Object-Oriented and GUI Programming 3cr COSC 220 Applied Computer Programming 4cr COSC 300 Computer Organization and Assembly Language 3cr COSC 310 Data Structures and Algorithms 3cr

	(1)	MATH 125 can be substituted by MATH 121.
	(2)	Select at least 6cr from the list of controlled electives. Note: Only 4cr of COSC 493 can be counted toward these 6cr.
•	(3)	COSC 316 cannot be counted for major credit if a student is an Information Assurance minor.
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	2. Summary of Changes		
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	Current Program	Proposed Program	
	Bachelor of Arts - Computer Science	Bachelor of Arts - Computer Science	
	Liberal Studies: As outlined in Liberal Studies 50	Liberal Studies: As outlined in Liberal Studies	48
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	Current Program			Proposed Program					
	Free Electives: Total Degree Requirements: (1) MATH 123 can be substituted by taking		22-28 120	Free Electives: 9-15 Total Degree Requirements:			23-29		
							120		
**			g both MATH	(1)	MATH 125 can be	e substituted by MATH	121.		
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1		talking both MATH 214 and 417 or bot	h MATH 217	(3)		t be counted for major c			
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	(2)	Select at least 6cr from the list of control		(4)	Credit for both C	OSC 320 and 493 may b	e counted		
		Note: Only 4cr of COSC 493 may be co	nunted toward		toward the degree	e. but only one will be co	оиптеа		
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b) List of associated course changes

The following courses have changed course numbers:

COSC 415 Internet Architecture and Programming, revised, re-numbered and re-titled as COSC 365 Web Architecture and Application Development COSC 344 Productivity Tools and Fourth Generation Language re-numbered as COSC 444

The following courses have been deleted:

COSC 304 Interactive Internet Programming with Java

COSC 360 IBM Job Control Language

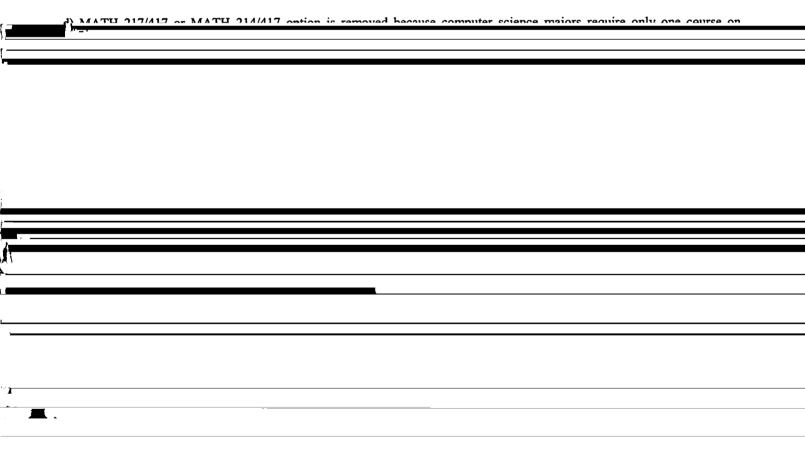
COSC 419 Software Development with Ada

COSC 450 Applied Numerical Methods

3. Rationale

Track is modified to reflect course deletions, re-numbering, and re-titling. Additional rational is provided in the individual proposals.

- a) MATH 123 is replaced by a new course, MATH 125 by the Department of Mathematics. The credit hours of MATH 125 are 3. These changes were approved by the Senate.
- b) The credit hours of MATH 216 are reduced from 4 to 3 by the Department of Mathematics and were approved by the Senate.
- c) Liberal studies credit hours are reduced from 50 to 48 because of reduced credit hours of MATH 125 and 216.



probability and statistics; and MATH 216 Probability and Statistics for Natural Sciences, even after being reduced to three credits, still provides the statistics and approach we need. The content of MATH 216 is now closer to that of MATH 214 and 217; so we will leave it to the department chair's discretion as to accepting MATH 214 or MATH 217 in lieu of MATH 216.

4. Effects on the Number of Students.

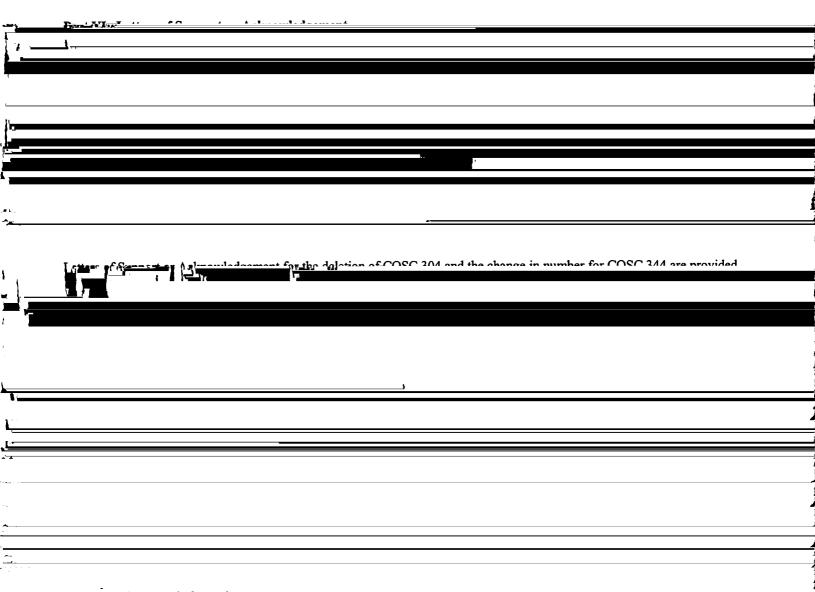
It is expected that there will be no effects on the number of students in the program

Part IV. Periodic Assessment

The assessment of the success of the proposed changes described in this proposal will be performed as part of the Computer Science Department's overall curriculum assessment policies. This change is minor and will not affect the way current assessment is done.

Part V. Course Proposals

There are no new courses.



in individual proposals for each.