REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Accredited by the Computing Accreditation Commission of ABET, <u>https://www.abet.org/</u>

FRESHMAN YEAR

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3

CSEN 2306 Object Oriented Programming
ENGL 1302 Rhetoric and Composition
HIST 1301 American History
MATH 2414 Calculus II
(prereq: MATH 2413)
13

SOPHOMORE YEAR

CSEN 2310 Object-Oriented Software Engineering	.3
HIST 1302 American History	.3
MATH 3320 Differential Equation	.3
(prereq: MATH 2414)	
PHYS 2325/2125 University Physics I and Lab	.4
(prereq: PHYS 1305/1105; coreq: MATH 2413)	
POLS 2301 Government and Politics of US	.3
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CSEN 2328 Data Structures and Algorithms	
POLS 2302 Government and Politics of U.S	
^Creative arts	
^Lang/phil/culture	
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CSEN 3314 D

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CSEN 4317 Software Engineering II
(prereq: CSEN 3316) CSEN 4320 Computer Networks
(prereq: 6 hours of upper level CS)
EEEN 4344 Computer Architecture and Design
(prereq: EEEN 3449)
Approved Elective**
14

CSEN 4202 Senior Project2
(prereq: senior standing)
CSEN 4340 Computer Security
(prereq: CSEN 4320)
CSEN 4362 Operating Systems

General Education Electives

* Recently added to the general education electives list ^Creative Arts ARTS 1303, ARTS 1304 MUSI 1305, MUSI 2306, MUSI 2308, MUSI 2310. MUSI 2320 THEA 2310

^Language, Philosophy and Culture
ANTH 2302
ENGL 2342, ENGL 2362
FREN 1311, FREN 1312, FREN 2311, FREN 2312
HIST 2321, HIST 2322
PHIL 1301