Computer Science
Curriculum as reflected in the Fall 2005 catalog (120 hours)

NAME ________________________ SS# ________________________

INSTRUCTIONS: Enter all grades received (including failures and repeats). Please note that it is the student’s responsibility to fulfill the current published requirements for a degree.

ENGLISH & SPEECH (12 hours)

ENGL 101** (3) ________________

ENGL 102** (3) ________________

ENGL 462/463 (3) ________________

SPCH 140 (3) ________________

LIBERAL ARTS (18-19 hours)

History (3) ________________

Fine Arts (3) ________________

Social Science (3) ________________

LA elect/Foreign Lang*(3-4) ________________

LA elect/Foreign Lang*(3) ________________

Liberal Arts Elective (3) ________________

MATHEMATICS (18 hours)

MATH 141 ** (4) ________________
(Prereq: qualification through placement or a grade of C or better in MATH 112 or 115)

MATH 142 ** (4) ________________
(Prereq: qualification through placement or a grade of C or better in MATH 141)

MATH 374** (3) ________________
(Prereq: grade of C or better in MATH 142 and CSCE 146)

NATURAL SCIENCE (12 Hours)

PHYS 211 ** (3) ________________
(Prereq: grade of C or better in MATH 141, coreq: PHYS 211L)

PHYS 211 Lab** (1) ________________
(Coreq: PHYS 211 or PHYS 301)
PHYS 212 (3)
(Prereq: a grade of C or better in PHYS 211 and MATH 142, Coreq: PHYS 212 L)

PHYS 212 L (1) ______________________
(Prereq or coreq: PHYS 212 or PHYS 302)

One course chosen from BIOL 101, CHEM 111, GEOL 201, 202, or MSCI 101
(4) ______________________________

MATH 241 (3) ______________________
(Prereq: qualification through placement or a grade of C or better in MATH 142)

MATH 526 (4) ______________________
(Prereq: MATH 241)

*Demonstrated proficiency in one foreign language equivalent to the minimum passing grade of the exit exam in the 122 course. Up to 6 hours may be counted in liberal arts.

**ALL students must earn a grade of “C” or better in all CSCE courses, MATH 141, MATH 142, MATH 374, ENGL 101, ENGL 102, and PHYS 211 & PHYS 211L.

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COMPUTER SCIENCE** (39 Hours)
CSCE 145 (4) ______________________
(Prereq: a grade of C or better in MATH 115 or placement into MATH 141)

CSCE 146 (4) ______________________
(Prereq: a grade of C or better CSCE 145 & MATH 141)

CSCE 211 (3) ______________________
(prereq: MATH 141)

CSCE 212 (3) ______________________
(Prereq: either CSCE 146 or both CSCE 145 & 211)

CSCE 240 (3) ______________________
(Prereq: a grade of C or higher in CSCE 146)
CSCE 245 (3)  
(Prereq: a grade of C or higher in CSCE 146)

CSCE 311 (3)  
(Prereq: CSCE 212, 245 and MATH 374)

CSCE 330 (3)  
(Prereq: CSCE 212, 245 and MATH 374)

CSCE 350 (3)  
(Prereq: CSCE 245, MATH 374)

CSCE 355 (3)  
(Prereq: CSCE 211, 212, 350)

CSCE 390 (1)  
(Prereq: CSCE 240, SPCH 140)

CSCE 416 (3)  
(Prereq: CSCE 311)

CSCE 492 (3)  
(Prereq: CSCE 240, 311, either ENGL 462 or 463)

**MAJOR ELECTIVES (9 Hours)**

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<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CSCE 5xx</td>
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<td>CSCE 5xx</td>
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<tr>
<td>CSCE 5xx</td>
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**APPLICATION AREA (9 Hours)**

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**STATISTICS (3 Hours)**

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<th>Course</th>
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<td>STAT 509</td>
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**All CSCE courses must be completed with a C or higher.**

Revised Spring 2005