BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Degree Requirements, 2008

NAME: _____ **SID#:** _____

CATALOG: _____ **EXPECTED GRADUATION DATE:** _____

GENERAL EDUCATION REQUIREMENTS

FOUNDATION REQUIREMENTS

English Composition
ENGL 101/103H/107 ..…….…. 3 ____
ENGL 102/103H/108…...……3 ____

Mathematics
Requirement satisfied by courses used in the C SC major.

Second Language
Second semester proficiency required, through course completion or placement
First semester proficiency……. ____
Second semester proficiency……..… ____

TIER ONE REQUIREMENTS

Traditions & Cultures (TRAD) – Take TWO
_____ 3 ____
_____ 3 ____

Individuals & Society (INDV) – Take TWO
_____ 3 ____
_____ 3 ____

Natural Sciences (NATS) – Not Required

TIER TWO REQUIREMENTS

Arts – Complete THREE UNITS
_____ 3 ____

Individuals and Societies – Take ONE
_____ 3 ____

Humanities – Take ONE
_____ 3 ____

Gender/Race/Class/Ethnicity/Non Western Studies - ONE course must be taken from the GRCENW list; certain Tier One and Tier Two courses can also be used to meet this requirement _____ 3____

COMPUTER SCIENCE COURSES

Introductory/Pre-Major Courses – Take ALL

C SC 127A **OR** C SC 227…….. 4 ____
C SC 127B **OR** C SC 227 …….. 4 ____
MATH 124 **OR** MATH 125. ……..3/5 ____
MATH 129 **OR** MATH 215 ……. 3 ____

Core Courses – Take ALL

- C SC 245 Discrete Structures……..4 ____
- C SC 252 Computer Organization…. 3 ____
- C SC 335 Object-Oriented Prgm…….4 ____
- C SC 345 Discrete Structures……..4 ____
- C SC 352 Systems Prgm/UNIX…….. 3 ____

Paradigms Area Elective – Take ONE

C SC 372 Comparative Programming… 3 ____
C SC 422 Parallel/Distributed Prgm…..3 ____
C SC 460 Database Design……3 ____

Theory & Writing Area Elective – Take ONE

C SC 437 Geometric Algorithms…….. 3 ____
C SC 445 Algorithms ……..…….. 3 ____
C SC 473 Automata…….. 3 ____

Systems Are Elective – Take ONE

C SC 452 Operating Systems …….. 4 ____
C SC 453 Compilers/Systems Software 4 ____

Open Electives – Take TWO 400-level electives (C SC 400 – 489), which may include additional area electives, cross-listed courses, or ECE 369
_____ 3 ____
_____ 3 ____

SUPPORTING SCIENCE COURSES

Complete TWO approved lecture/lab combos:
_____ 4 ____
_____ 4 ____

UNIVERSITY GRADUATION REQUIREMENTS:

120 units ☐ **42 Upper Division Units** ☐ 2.00+ cum. GPA ☐ 2.00+ major GPA ☐

64 or Fewer Community College Units ☐ 60 or Fewer Correspondence or Exam Units ☐ 30+ UA Units ☐

18+ C SC units completed at UA ☐ 18 of Final 30 Units toward graduation completed at UA ☐