

COMPUTER SCIENCE CURRICULUM CHECKLIST:

Students Starting Fall 2007

Students name: _____

Advisor: _____

Option: _____

PRE-COMPUTER SCIENCE CORE

- _____ CS 160 Computer Science Orientation (4)
- _____ CS 161 Introduction to Computer Science I (4)
- _____ CS 162 Introduction to Computer Science II (4)
- _____ CS 261 Data Structures (4)
- _____ CS 275 Introduction to Databases (4)
- _____ MTH 231 Elements of Discrete Mathematics (4)
- _____ MTH 232 Elements of Discrete Mathematics (4)
- _____ MTH 251 Differential Calculus (4)
- _____ MTH 252 Integral Calculus (4)
- _____ COMM 111 or COMM 114 (3)
- _____ WR 121 English Composition (3)

COMPUTER SCIENCE CORE

- _____ ST 314 Intro to Statistics for Engr. (3)
- _____ WR 327 Technical Writing (3)
- _____ CS 311 Operating Systems I (4)
- _____ CS 325 Analysis of Algorithms (4)
- _____ CS 361 Software Engineering I [**WIC**] (4)
- _____ CS 362 Software Engineering II (4)
- _____ CS/ECE 372 Introduction to Computer Networks (4)
- _____ CS 381 Programming Language Fundamentals (4)
- _____ CS 391 Social and Ethical Issues in CS [**Synthesis**] (3)
- _____ CS 411 Operating Systems II (4)
- _____ Senior Capstone (CS 461, 462, 463) (6)
- _____ Approved CS Elective (4)
- _____ Approved CS Elective (4)

BACCALAUREATE CORE *(List course number)*

- _____ HHS 231 Lifetime Fitness (2) and HHS 241 (1)
- _____ Biological Science (4)
- _____ Western Culture (3)
- _____ Cultural Diversity (3)
- _____ Literature and the Arts (3)
- _____ Social Processes and Institutions (3) (**IS Option – Econ 201**)
- _____ Difference, Power, and Discrimination (3)
- _____ Contemporary Global Issues (3)

Information and Applied Option

- _____ Physical Science (4)
- _____ 2nd Science Course (4)

PRE-COMPUTER SCIENCE OPTIONS

Computer Systems

- _____ MTH 254 (4)
- _____ MTH 306 (4)
- _____ PH 211/221 (5)
- _____ ECE 271 (3)

Information Systems

- _____ Econ 201 (**SPI**)(4)
- _____ CS 271 (4)
- _____ WR 214 or 222 (3)

Applied Computer Science

- _____ CS 271 (4)
- _____ WR 214 or 222 (3)

COMPUTER SCIENCE OPTIONS

Computer Systems

- _____ PH 212/222 (5)
- _____ PH 213/223 (5)
- _____ WR 214 or 222 (3)
- _____ MTH 351 (3)
- _____ ECE 375 (4)
- _____ CS 321 (3)
- _____ CS/ECE 472 (4)
- _____ CS 480 (4)
- _____ Liberal Arts Elective (3)
- _____ Liberal Arts Elective (3)
- _____ Liberal Arts Elective (3)
- _____ Liberal Arts Elective (3)
- Free Electives (3)

Information Systems

- _____ CS 440 (4)
- Business & Entrepreneurship
Minor (24)
- Free Electives (18)

Applied Computer Science

- _____ CS 352 (4)
- Approved Applied Program (24)
- Free Electives (11)

Graduation Requirements for all Options

- _____ 180 credit hours
- _____ 60 credit hours of upper division courses
- _____ 2.25 overall GPA
- _____ 2.25 GPA in core required courses

Revised 04/18/2008