

**B.S.C.S. CURRICULUM CHECKSHEET – 2004–2005**

STUDENT: \_\_\_\_\_

ADVISOR: \_\_\_\_\_ SID# \_\_\_\_\_

**CSCI REQUIRED COURSES (31 HOURS)**

CSCI 111 (3) \_\_\_\_\_  
CSCI 112 (3) \_\_\_\_\_  
CSCI 211 (3) \_\_\_\_\_  
CSCI 223 (3) \_\_\_\_\_  
CSCI 300 (1) \_\_\_\_\_  
CSCI 311 (3) \_\_\_\_\_  
CSCI 387 (3) \_\_\_\_\_  
CSCI 423 (3) \_\_\_\_\_  
CSCI 433 (3) \_\_\_\_\_  
CSCI 450 (3) \_\_\_\_\_  
CSCI 487 (3) \_\_\_\_\_

**CSCI 300+ ELECTIVES (15 HOURS)**

CSCI \_\_\_\_ (3) \_\_\_\_\_  
CSCI \_\_\_\_ (3) \_\_\_\_\_  
CSCI \_\_\_\_ (3) \_\_\_\_\_  
CSCI \_\_\_\_ (3) \_\_\_\_\_  
CSCI \_\_\_\_ (3) \_\_\_\_\_

**TECHNICAL ELECTIVES (15 HOURS)**

\_\_\_\_\_ (3) \_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_

**MATHEMATICS (21 HOURS)**

MATH 261 (3) \_\_\_\_\_  
MATH 262 (3) \_\_\_\_\_  
MATH 263 (3) \_\_\_\_\_  
MATH 301 (3) \_\_\_\_\_  
MATH 302 (3) \_\_\_\_\_  
MATH 319 (3) \_\_\_\_\_  
MATH 475 (3) OR  
BUS 230 (3) \_\_\_\_\_

**OTHER REQUIRED COURSES (4 HOURS)**

EL E 335 (3) \_\_\_\_\_  
EL E 336 (1) \_\_\_\_\_

**SCIENCE (14 HOURS)**

PHYS 211 (3) \_\_\_\_\_  
PHYS 221 (1) \_\_\_\_\_  
PHYS 212 (3) \_\_\_\_\_  
PHYS 222 (1) \_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_  
\_\_\_\_\_ (3) \_\_\_\_\_

**GENERAL EDUCATION (30 HOURS)**

**ENGLISH (9 HOURS)**

ENGL 101 (3) \_\_\_\_\_  
LIBA 102 (3) \_\_\_\_\_  
ENGL 221-226 (3) \_\_\_\_\_

**SOCIAL SCIENCE (AFRO, ANTH, ECON, POL, PSYCH, SOC)**

\_\_\_\_\_ (3) \_\_\_\_\_

**HUMANITIES (CLASSICS, ENGL, HIST, MOD LANGUAGE >=200, PHIL, REL, S ST)**

\_\_\_\_\_ (3) \_\_\_\_\_

**FINE ARTS (NOT PERFORMANCE)**

\_\_\_\_\_ (3) \_\_\_\_\_

**SOCIAL SCIENCE/HUMANITIES/FINE ART**

\_\_\_\_\_ (3) \_\_\_\_\_

\_\_\_\_\_ (3) \_\_\_\_\_

\_\_\_\_\_ (3) \_\_\_\_\_

**SPEECH**

SPCH 105 (3) \_\_\_\_\_

## **B.S.C.S CURRICULUM CHECKSHEET – 2004–2005**

### **CATALOG CLARIFICATIONS AND MAJOR EXCEPTIONS/ALTERNATIVES**

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#### **CSCI REQUIRED COURSES**

The student must earn at least a C in each explicitly required CSCI course.

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#### **CSCI 300+ ELECTIVES**

The following courses may be used as CSCI 300+ electives:

PHIL 508 (3) Symbolic Logic

EL E 385 (2) & EL E 386 (1) Advanced Digital Systems & Lab

Other courses may be acceptable; CIS Department approval required.

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#### **TECHNICAL ELECTIVES**

The technical elective courses must be a coherent group of courses approved by the CIS Department.

A list of recommended or suggested groups of technical elective courses in several different areas is available to assist the student in planning an acceptable group of technical electives.

CSCI courses may not be used to satisfy the technical electives requirement, except as approved by the CIS Department.

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#### **SCIENCE/QUANTITATIVE**

The six hours of general science courses may be selected from:

ASTR 103, 104 (3,3) Astronomy [no prereq]

BISC 102, 104 (3,3) Inquiry into Life [no prereq] or BISC 160, 162 (3,3) [no prereq]

CHEM 105, 106 (3,3) General Chemistry [see catalog for prereq]

GEOL 103 (4) Earth Dynamics [no prereq], GEOL 305 (3) Geomorphology [prereq GEOL 103]

GEOL 221 (4) Mineralogy [prereq GEOL 103]

GEOL 309 (4) Invertebrate Paleontology [prereq GEOL 103]

PHYS 303 (3) Physical Theory [prereq PHYS 212, MATH 262]

PHYS 309 (3) Thermodynamics [prereq PHYS 212; coreq MATH 353]

PHYS 317, 318 (3, 3) Introduction to Modern Physics [prereq PHYS 212]

PHYS 319 (4) Optics [prereq PHYS 212, MATH 362]

Note: (1) BISC 102/104, BISC 160/162 and CHEM 105/106 require co-enrollment in one-hour lab courses.

(2) Students may select courses from one discipline, or two different disciplines. (3) Other science courses may be acceptable; CIS Department approval required.

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REVISED 28 JUNE 2004