

|   |              |                           |           |
|---|--------------|---------------------------|-----------|
| School of Computer and Information Sciences | <h1>CSC</h1> | <h2>Computer Science</h2> | BULLETIN  |
| Undergraduate Check Sheet                   |              |                           | 2007-2008 |

Last Name: \_\_\_\_\_ First: \_\_\_\_\_ JAG ID: **J00**  
 Date of Entry: \_\_\_\_\_ Advisor: \_\_\_\_\_

| Compositon/Communication (12 Sem Hrs)   |     |   |       |  |
|---|-----|---|-------|--|
|   | Sem | USA   | Trans | COURSE   |
| PC  |     |   |       | EH 101-English Comp 1  |
| PC  |     |   |       | EH 102-English Comp 2  |
| PC  |     |   |       | CA 275 Small Group Comm  |
| W   |     |   |       | EH 372 Technical Writing   |
| Fine & Performing Arts/Humanities (15 Sem Hrs)  |     |   |       |  |
| Two courses in the SOCIAL SCIENCES or HUMANITIES must be either a Literature or History sequence as enumerated below <sup>1</sup> |     |   |       |  |
|   | Sem | USA   | Trans | COURSE   |
| PC  |     |   |       | CA 110 Public Speaking   |
|   |     |   |       | (1) Literature <sup>1</sup>  |
|   |     |   |       | (1) Art, Drama, Music <sup>2</sup>                                 |
|   |     |   |       | (2) Fine/Per Arts/Hum electives                                    |
| Social Sciences (12 Sem Hrs)  |     |   |       |  |
| Two courses in the SOCIAL SCIENCES or HUMANITIES must be either a Literature or History sequence as enumerated below <sup>3</sup> |     |   |       |  |
|   | Sem | USA   | Trans | COURSE   |
|   |     |   |       | (1) History <sup>3</sup>   |
|   |     |   |       | (3) Electives from AN, ECO, GEO, HY, PSY, SY, PSC, or CJ           |
| Natural Sciences (16 Sem Hrs)   |     |   |       |  |
| <b>One sequence from</b>  |     | <b>AND</b>  |       |  |
| PH 201 & PH 202 Cal-based Physics,<br>CH 131 & CH 132 Chemistry,<br>GY 111 & GY 112 Geology,<br>OR<br>BLY 121 & BLY 122 Biology   |     | 2 additional Natural Sciences Courses with Labs--MAY NOT be from the same area as that chosen for the sequence! |       |  |
|   | Sem | USA   | Trans | COURSE   |
|   |     |   |       |  |
|   |     |   |       |  |
|   |     |   |       |  |
| Mathematics and Statistics (17 Sem Hrs)   |     |   |       |  |
|   | Sem | USA   | Trans | COURSE   |
| PC  |     |   |       | MA 125 Calculus I  |
| PC  |     |   |       | MA 126 Calculus II   |
| PC  |     |   |       | MA 267 Discrete Math Struct or<br>MA 367 Combinatorial Enumeration |
|   |     |   |       | ST 315 Statistical Analysis  |
|   |     |   |       | (1) Approved Math Elective   |

| CIS Core (41-44 Sem Hrs)                                    |     |     |       |   |
|---|-----|-----|-------|---|
| <i>Core Courses WITHOUT PC prerequisite (29-32 Sem Hrs)</i> |     |     |       |   |
|   | Sem | USA | Trans | COURSE  |
| PC  |     |     |       | CIS 100 Info Tech in Society                  |
| PC  |     |     |       | CIS 101 Freshman Seminar                      |
| PC  |     |     |       | <sup>4</sup> CIS 115 Intro to Prob Sol & Prog |
| PC  |     |     |       | CIS 120 Prob Solving, Prog I                  |
| PC  |     |     |       | CIS 121 Prob Solving, Prog II                 |
| PC  |     |     |       | CSC 228 Dig Logic & Com Arch                  |
| PC  |     |     |       | CIS 230 Adv Data & File Struct                |
|   |     |     |       | CSC 311 Data Comm & Net                       |
| W   |     |     |       | CSC 331 Software Engr                         |
|   |     |     |       | CIS 322 Operating Systems                     |
|   |     |     |       | CSC 324 Database Design                       |
| <i>CORE Courses WITH PC prerequisite (12 Sem Hrs)</i>       |     |     |       |   |
|   | Sem | USA | Trans | COURSE  |
|   |     |     |       | CSC 320 Comp Org & Arch                       |
|   |     |     |       | CSC 333 Prog & Lang Theory                    |
|   |     |     |       | CSC 432 Perf Eval of Algorithms               |
| W   |     |     |       | CIS 497 Senior Project <sup>5</sup>           |
| CIS Electives (12 Sem Hrs)                                  |     |     |       |   |
| <i>Choose three (4) electives from the list below</i>       |     |     |       |   |
|   | Sem | USA | Trans | COURSE  |
|   |     |     |       | CSC 410 Compiler Design & Construction        |
|   |     |     |       | CSC 411 Comm & Network Analysis               |
|   |     |     |       | CSC 412 Real Time Software Systems            |
|   |     |     |       | CSC 413 Computer Graphics                     |
|   |     |     |       | CSC 414 Modeling & Simulation                 |
|   |     |     |       | CSC 415 Numerical Analysis                    |
|   |     |     |       | CSC 433 AI Theory & Programming               |
|   |     |     |       | CIS 439 Windows Programming                   |
|   |     |     |       | CSC 434 Lang & Automata                       |
|   |     |     |       | ITE 474 Human Computer Interface              |
| General Electives (Min 128 sem hrs for degree)              |     |     |       |   |
|   | Sem | USA | Trans | COURSE  |
|   |     |     |       |   |
|   |     |     |       |   |
|   |     |     |       |   |
|   |     |     |       |   |

**Special Symbols Used**

PC Professional Component Course  
 W Writing Intensive Course

<sup>1</sup> Approved Lit Courses & Sequences: EH 215-216, 225-226, 235-236  
<sup>2</sup> Approved Courses: ARS 101, DRA 110, MUL 101, ARH 100, ARH 103, ARH 123, ARH 240, or ARH 242  
<sup>3</sup> Approved History Courses and Sequences: HY 101-102, HY 135-136  
 Last revised: February 8, 2007

<sup>4</sup> Required of students with Math Placement Score less than 75 or those with no prior programming experience.  
<sup>5</sup> Must be taken during the last semester in the program.  
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