

Computer Science- Management, Bachelor of Science in Computer Science (B.S.C.S.) 346003BS Checklist

General Education Revision Requirements	
Students must complete Writing, Mathematics, and Speaking requirements during their first year.	
ACADEMIC FOUNDATIONS	
Writing: (6 cr - 2 courses)	
Quantitative Reasoning: (3 cr)	
Speaking: (3 cr)	
DISCIPLINARY AREAS	
Arts/Humanities: (9 cr- 3 courses)	
Social Sciences: (6 cr -2 courses)	
Natural Sciences: (7 cr -2 courses)	
TAGS (one class each)	
Critical Thinking (CT)	
Complex Systems (CS)	
Domestic Diversity (DD)	
Global Diversity (GD)	
College of Arts & Sciences Requirements	
Foreign Language: (14 cr-4 courses)	
101 Beginning I (4 cr)	
102 Beginning II (4cr)	
201 Intermediate I (3-4 cr)	
202 Intermediate II (3-4 cr)	
7700:222 Survey Deaf Culture America (<i>American Sign Language option only</i>)	
300/400 Upper Division Requirement: (40 cr)	

Computer Science – Management Track Requirements	
Preadmission major core requirements	
3450:208 Intro to Discrete Math (4 cr)	
3460:209 Computer Science I (4 cr)	
3460:210 Computer Science II (4 cr)	
3450:221 Analytic Geometry-Calculus I (4 cr)	
Computer Science – Management core: 30 – 32 cr.	
3460:316 Data Structures (3 cr)	
3460:435 Algorithms (3 cr)	
3460:480 Software Engineering (3 cr)	
3460:490 Senior Seminar in Computer Science (3 cr)	
4450:320 Computer Systems (3 cr)	
4450:325 Operating Systems Concepts (3 cr) – OR -	
3460:426 Operating Systems (3 cr)	
*3450:222 Analytic Geometry & Calculus II (4 cr)	
3470:401 Prob & Stats for Eng (2 cr) – OR -	
3470:461 Applied Statistics I (4 cr)	
3460: 475 Database Management (3 cr)	
6500:310 Business Information Systems (3 cr)	
6500:301 MGMT: Principles & Concepts (3 cr)- OR -	
6500:480 Intro: Health Care Management (3 cr)	
Computer Science – Management electives: 12 cr.	
A minimum of 6 credits of 3460 upper level electives	
3460: 3XX-4XX	
3460: 3XX-4XX	
<p>A minimum of 6 additional credits of approved 300 and/or 400 electives in Computer Science (3460) or related to Computer Science. Select from the pre-approved list below.</p> <p>3460:4**, 3460:3**, 2440:204 (4), 3450:312, 3450:410, 3450:415, 3450:427, 3450:428, 3450:430, 3450:436, 3470:480, 3350:405, 3350:407, 4450:387, 4450:410, 4450:415, 4450:420, 4450:422, 4450:427, 4450:440, 4450:462, 4450:465, 4450:467,4800:420, 7100:489 [ST: Game Design]</p>	
<p>NOTES:</p> <p>2.00 GPA for all courses in major is required.</p> <p>* Counts as 300/400 upper level College of Arts as Sciences requirement.</p> <p>3460:489 may be repeated under different topics.</p> <p>ONLY 3 CRS. OF 3460:395 (INTERNSHIP) may count toward the computer science electives.</p>	
120 Credit Minimum	

