

School of Computer and Information Sciences	<h1>CSC</h1>	<h1>Computer Science</h1>	BULLETIN
Undergraduate Check Sheet			2008-2009

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, CH 131 & CH 132 Chemistry, GY 111 & GY 112 Geology, OR 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 MA 367 Combinatorial Enumeration
				ST 315 Statistical Analysis
				(1) Approved Math Elective

CIS Core (41-44 Sem Hrs)				
Core Courses WITHOUT PC prerequisite (29-32 Sem Hrs)				
	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
CORE Courses WITH PC prerequisite (12 Sem Hrs)				
	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 498 Senior Seminar <sup>6</sup>
CIS Electives (12 Sem Hrs)				
Choose three (4) electives from the list below				
	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
				CSC 434 Lang & Automata
				CIS 439 Windows Programming
				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(B), 225-226(A), 235-236(W)

<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(WC), HY 135-136(US)

Last revised: July 3, 2008

<sup>4</sup> Required of students with no prior programming experience (Math Placement score of at least 65).

<sup>5</sup> Must be taken during the last semester in the program.

<sup>6</sup> Must be taken during the last semester in the program with CIS 497.