

School of Computing	<h1>CSC</h1>	<h1>Computer Science</h1>	BULLETIN
Undergraduate Check Sheet			<h1>2024-2025</h1>

Last Name: _____ First: _____ JAG ID: **J00**

Composition/Communication (12 Sem Hours)				
Sem	USA	Trans	COURSE	
F/S			EH 101-English Comp 1	
F/S			EH 102-English Comp 2	
F/S			CA 275 Small Group Comm	
W	F/S		EH 372 Technical Writing	

Fine & Performing Arts/Humanities (12 Sem Hrs)
Two courses in the **SOCIAL SCIENCES** or **HUMANITIES** must be either a **Literature** or **History** sequence as enumerated below¹

Sem	USA	Trans	COURSE	
F/S			CA 110 Public Speaking	
			(1) Literature ¹	
			(1) Art, Drama, Music ²	
			(1) Fine/Per Arts/Hum electives	

Social Sciences (12 Sem Hours)
Two courses in the **SOCIAL SCIENCES** or **HUMANITIES** must be either a **Literature** or **History** sequence as enumerated below

Sem	USA	Trans	COURSE	
			(1) History ³	
			(3) Electives from AN, ECO, GEO, HY, PSY, SY, or PSC	

Natural Sciences (12 Semester Hours)

<i>Nat Science I sequence</i>		<i>And</i>		
PH 201 & PH 202 Cal-based Physics, CH 131 & CH 132 Chemistry GY 111 & GY 112 Geology OR BLY 121 & BLY 122 Biology		1 additional Natural Sciences Course with a Lab—It may not be a lower level course from the same area as that chosen for the sequence!		

Sem	USA	Trans	COURSE [4 hours each!]	

Math and Statistics (20 Sem Hrs)

Sem	USA	Trans	COURSE	
			MA 125 Calculus I [4]	
			MA 126 Calculus II [4]	
			MA 267 Discrete Math Structures	
			ST 315 Applied Prob. And Stats	
			Plus 2 approved Math minor	
			Electives: see list below to right	

**** Check Sheet is for Reference Only****
Refer to the University Bulletin for Official Graduation Requirements

CIS/CSC (Total 56 Semester Hours)
Core Courses (44 Semester Hours)

Sem	USA	Trans	COURSE	
F			CIS 101 Freshman Seminar [2]	
F/S			CSC 120 Prob Solv & Prog Concepts [4]	
F/S			CSC 228 Dig Logic & Com Arch	
F/S			CSC 231 Intro Data Struct Algs [4]	
F/S/Su			CIS 300 Info Tech in Society [1]	
F/S			CSC 311 Data Comm & Net	
W	F/S		CSC 331 Software Engineering	
F/S			CSC 332 Adv. Data Struct Algs	
F/S			CSC 333 Programming Languages	
F/S			CSC 440 Secure Software Engr	
F/S			CSC 320 Comp Org & Arch	
F/S			CSC 322 Operating Systems	
F/S			CSC 399 Conc & Dist Computing	
F/S			CSC 434 Language & Automata	
W	F/S		CIS 497 Senior Project [3]	
F/S			CIS 498 Senior Seminar [0]	

CIS/CSC Electives (12 Semester Hours)
Choose four electives from the list below

Sem	USA	Trans	COURSE	
Fall			CSC-416 AI Theory & Progr	
Fall			CSC-417 Computer Game Dev.	
Fall			CSC-426 Data Mining	
Fall			CSC-404 Web Tech & Know Mod	
Fall			CSC-460 Security of HW Implem.	
Spring			CSC-433 Adv. AI Thry & Prog	
Spring			CSC 457 Data Warehousing	
Spring			CSC-485 Cyber Physical Security	
Spring			CSC-418 Adv. Game & Sim Dev	
Spring			ISC-472 Adv. Data Management	
F/S			CIS-324 Database Design	
F/S/Su			CIS 494- Directed Study	

Special Symbols Used “W” Writing Intensive Course

Approved Math Minor electives: MA 227(Cal3), MA 237(LA1), MA 238, MA 311(NT), MA 316(LA2), MA 320, MA 321, MA 332, MA 334, MA 335, MA 354, MA 367, MA 410, MA 413, MA 414, MA 434, MA 436, MA 437, MA 451, MA 458, MA 467, MA 481, & MA 490

Total = 124 hours

¹ Approved Lit Courses: EH 215-216, 225-226, 235-236

² Approved Courses: ARS 101, DRA 110, MUL 101, ARH 200, ARH 103 ARH 123, ARH 240, or ARH 242

³ Approved History Courses/Seqs: HY 101-102 [WC], HY121-122 [W], HY 135-136 [US]

All courses are 3 hours except as noted by [#]. Semesters shown represent the “norm” but are NOT guaranteed!!

