

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)

<p>Nat Science I sequence PH 201 & PH 202 Cal-based Physics, CH 131 & CH 132 Chemistry GY 111 & GY 112 Geology OR BLY 121 & BLY 122 Biology</p>	<p>And <i>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!</i></p>
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	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!!

