

School of Computing	<h1>CSC</h1>	<h1>Computer Science</h1>	BULLETIN
Undergraduate Check Sheet			<h1>2021-2022</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 below ¹				
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)				
Nat Science I sequence			And	
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 57 Semester Hours)				
Core Courses (45 Semester Hours)				
Sem	USA	Trans	COURSE	

	F		CIS 101 Freshman Seminar [2]	
	F/S		CSC 120 Prob Solv & Prog Concepts [4]	
	F/S/Su		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	
	Fall		CSC 440 Secure Software Engr	
	F/S		CSC 320 Comp Org & Arch	
	F/S		CSC 322 Operating Systems	
	F/S		CSC 399 Concurrency & Distributed Computing	
	Spring		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-410 Compilers	
	Fall		CSC-416 AI Theory & Progr	
	Fall		CSC 417 Computer Game Dev	
	Fall		CSC 426 Data Mining	
	Fall		CSC 490- Web Tech & KnowMod	
	Spring		CSC 433 Adv AI Thry & Prog	
	Spring		CSC-450 Surreptitious Software	
	Spring		CSC 457 Data Warehousing	
	Spring		CSC-485 Cyber Physical Security	
	Spring		CSC 418 – Adv Game & Sim Dev	
	Spring		ISC-472 Adv. Data Management	
	Fall		CSC-324 Database Systems	
	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

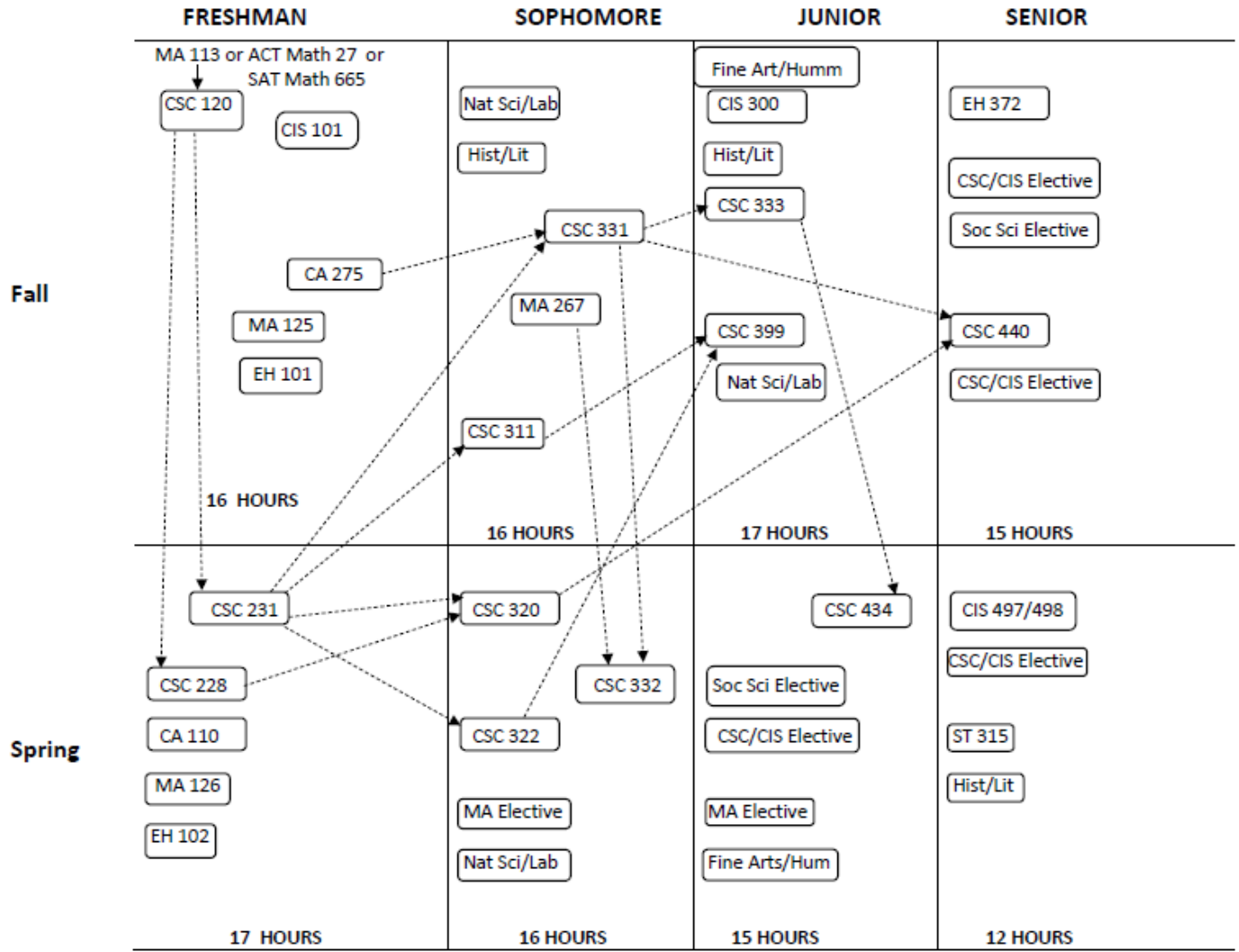
Total = 124 hours

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 [World], HY 135-136 [US]
All courses are 3 hours except as noted by [#].
Semesters shown represent the “norm” but are NOT guaranteed!!

Below for students who come in their first semester Calculus Ready (Math ACT 27 or completion of MA 113)



Suggested 4-Year Course Schedule for Calculus-Ready CSC Majors (Revised March 2020)