

Computer Science EAE Plan

Track A: Students must test out of EAE 1030 and be Calculus-ready for Track A.

	Fall Semester			Spring Semester		
Freshman (31 credits)	EAE 1410	Object Or Prog.	4	EAE 2420	Data Str/ Algrthm	4
	Math 1210	Calc I	4	Math 1220	Calc II	4
	Art 1020	Basic Drawing	3	Wrtg 2010	Writing	3
	General Ed		3	Film 2700	Video Games	3
				American Institutions (AI)		3
Sophomore (26 credits)	EAE 3600	3D Modeling	3	EAE 3660	Machinima	3
	CS 3500	Software Prac. I	4	CS 2100	Discrete	3
	CS 3810	Comp. Org.	4	CS 3505	Software Prac. II	3
	Math 2210	Calc III	3	FA 3600	Wrtg New Media	3
Junior (34 credits)	CS Theory or CS elective		3	CS 4150	Algorithms	3
	CS 4400	Comp. Systems	4	CS 5530	Database	3
	CS 3130	Eng Prob Stats	3	CS elective		3
	FILM 3500	Film Production	4	FILM 3620 or 3720		4
	FILM 3610 or 3710		4	General Ed/ DV		3
Senior (33 credits) 124 total credits	EAE 4500	Senior Project I	3	EAE 4510	Senior Project II	3
	CS 4300	Artif. Intelligence	3	CS Theory or CS elective		3
	Math/ Science elective		4	CS 5460 or CS 5470		4
	General Ed/ IR/ Upper Division		3	Phys 2210	Physics I	4
	General Ed		3	General Ed/ Upper Division		3

Track B: Students who test into EAE 1030 and/ or may not be Calculus-ready in the fall will follow Track B.

	Fall Semester			Spring Semester		
Freshman (27 credits)	*EAE 1030	Foundations of CS	3	EAE 1410	Object Or Prog.	4
	*Math 1210	Calc I	4	Math 1220	Calc II	4
	Art 1020	Basic Drawing	3	Wrtg 2010	Writing	3
	General Ed		3	Film 2700	Video Games	3
Sophomore (34 credits)	EAE 2420	Data Str/ Algrthm	4	EAE 3660	Machinima	3
	EAE 3600	3D Modeling	3	CS 3500	Software Prac. I	4
	CS 2100	Discrete Structures	3	CS 3810	Comp. Org.	4
	Math 2210	Calculus III	3	FA 3600	Wrtg New Media	3
	FILM 3500	Film Production	4	General Ed/ IR/ Upper Division		3
Junior (33 credits)	CS 3505	Software Prac. II	3	CS 4150	Algorithms	3
	CS 3130	Eng Prob Stats	3	CS 5530	Database	3
	CS Theory or CS elective		3	CS Theory or CS elective		3
	Math/ Science elective		4	FILM 3620 or 3720		4
	FILM 3610 or 3710		4	General Ed		3
Senior (33 credits) 127 total credits	EAE 4500	Senior Project I	3	EAE 4510	Senior Project II	3
	CS 4400	Comp. Systems	4	CS 5460 or CS 5470		4
	CS 4300	Artif. Intelligence	3	CS elective		3
	Phys 2210	Physics I	4	General Ed/ DV		3
	American Institutions (AI)		3	General Ed/ Upper Division		3

* If you test out of EAE 1030, but are not Calculus-ready, follow Track B. Replace EAE 1030 with another gen ed in your first semester. Replace Calc I with your first level of math.

Choose CS 3100 (fall) or CS 3200 (spring) as the required theory course. Students are encouraged to take summer courses to ease the fall & spring semester schedule. See advisor for alternative schedule.