

College of Engineering and Computer Science

Computer Science
Fall 2017

Name _____
SUID _____

pr=prerequisite, co=corequisite

Minor/Second Major (if any): _____

CREDIT GRADE	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR +/-
	F	S	F	S	F	S	F	S	

G Writing Skills (6 cr) Minimum Grade C-											
E	WRT105	Studio 1: Practices of Academic Writing	(3)	3							
N	WRT205	Studio 2: Critical Research and Writing (pr: WRT 105)	(3)			3					
Presentational Skills (3 cr)											
Select one of the following three courses:											
	CRS 225	Public Advocacy (3)	(3)			3					
	CRS/CAS325	Presentational Speaking (3)									
E	IST 344	Info. Reporting & Presentations (3)									
D SSH/VPA (21 credits)											
U	ECS 392	Ethical Aspects of ECS	(3)					3			
C	PHI 251	Logic	(3)	3							
A	SSH/VPA	_____	(3)	3							
T	SSH/VPA	_____	(3)		3						
I	SSH/VPA	_____	(3)				3				
O	SSH/VPA	_____	(3)					3			
N	SSH/VPA	_____	(3)						3		
Natural Sciences (12 cr) Two semester lab sequence in Natural Sciences											
	PHY211	General Physics 1 (co: PHY 221, MAT 295)	(3)	3							
R	PHY221	General Physics Lab 1 (co: PHY 211)	(1)	1							
E		Natural Science Elective _____	(4)			4					
Q		Natural Science Elective _____	(4)				4				
M Free Electives (9 cr)											
N		Free Elec _____	(3)		3						
T		Free Elec _____	(3)					3			
S		Free Elec _____	(3)						3		
Mathematics (15-16 cr) Minimum Grade of C-											
	MAT295	Calculus 1	(4)	4							
M	MAT296	Calculus 2 (pr: MAT295)	(4)		4						
A	MAT397/ 331	Calculus or Linear Algebra (pr: MAT 296)	(4-3)		4 or 3						
J	CIS321	Intro. to Probability & Statistics (pr: MAT 295)	(4)			4					
O Engineering Courses (6 cr)											
R	ECS101	Intro. to Engineering & Computer Sci	(3)	3							
	ECS102	Intro. to Computing	(3)	3							
Comp Sci Core (33 cr) 2.667 GPA & Minimum Grade C-											
	CIS252	Intro. to Computer Science	(4)	4							
	CIS375	Intro. to Discrete Mathematics (pr: PHI 251)	(3)		3						
	CIS341	Comp. Organization & Prog. Systems (pr: ECS 102 or CIS 252)	(3)			3					
	CIS342	Intro. to Systems Programming (pr: CIS 351, co: CIS 341)	(1)			1					
R	CIS351	Data Structures (pr: CIS 252)	(4)		4						
E	CIS352	Programming Lang: Theory & Prac. (pr: CIS 375, CIS 351)	(3)			3					
Q	CIS453	Software Specification & Design (pr: CIS 351 or CSE 382)	(3)				3				
U	CIS454	Software Implementation (pr: CIS 453)	(3)					3			
I	CIS473	Automata and Computability (pr: CIS 375, or MAT 375)	(3)					3			
R	CIS477	Intro. to Analysis of Algorithms (pr: CIS 375, CIS 351)	(3)					3			
E	CIS486	Design of Operating Systems (pr: CIS 341, 342, 351 or CSE 381, 382)	(3)					3			
M Upper Division Courses (18 cr) Minimum Grade C- At least 9 credits of Upper Division MUST be in CIS or CSE											
E		Upper Div _____	(3)				3				
N		Upper Div _____	(3)					3			
T		Upper Div _____	(3)					3			
S		Upper Div _____	(3)					3			
		Upper Div _____	(3)						3		
		Upper Div _____	(3)							3	
TOTAL CREDITS			123-124	16	15	13-14	17	16	16	15	15

GPA WORKSHEET

REQUIREMENTS: Minimum grade of C- in English, Mathematics, Core, and Upper Division Courses

- 123 credits to graduate
- 2.0 Overall GPA to graduate
- 2.667 Core Course GPA
- Restrictions/exclusions as noted in the Undergraduate Handbook

CORE GPA TALLY SHEET:

2) Divide Total Grade Points by Total Course Credits for Core Grade Point Average (GPA).

CORE COURSE	HR	GRD	TOTAL GRD POINTS	TOTAL COURSE CR	CORE GPA	CALCULATION DATE AND INITIALS
CIS252	4					
CIS375	3					
CIS341	3					
CIS342	1					
CIS351	4					
CIS352	3					
CIS453	3					
CIS454	3					
CIS473	3					
CIS477	3					
CIS486	3					
				÷	=	
				÷	=	
				÷	=	
				÷	=	
				÷	=	
				÷	=	
				÷	=	
				÷	=	
				÷	=	
				÷	=	

GRADING CHART: Credit hours X points per grade = Grade Points Earned

GRD	PTS
A	4.000
A-	3.667
B+	3.333
B	3.000
B-	2.667
C+	2.333
C	2.000
C-	1.667
D	1.000
F	0.000

In most cases an excellent approximation can be obtained by taking A-= 11/3, B+=10/3, etc. The correct GPA, however, is that determined by using the table.