

Updated 4/22/2020

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Calculus I MATH 141 (4) * [B4]	Calculus II MATH 142 (4) (MATH 141 w/min C- or Instr. Consent) [GE Elective]	Calculus III MATH 143 (4) (MATH 142 w/min C- or Instr. Consent)	Calculus IV MATH 241 (4) (MATH 143)	Linear Algebra I MATH 206 (4) (MATH 143)	Differential Equations I MATH 242 (4) (MATH 206 & 241)	Introduction to Analysis I MATH 412 (4) (MATH 306)	Abstract Algebra I MATH 481 (4) (MATH 306 or MATH 341)	Abstract Algebra II MATH 482 (4) (MATH 481)	Senior Seminar MATH 459 (4) or Applied Math Senior Seminar MATH 460 (4) *	MATH Elective (4)² *	
		Fundamentals of Computer Science I CSC/CPE 101 (4)¹ *	Orientation to Mathematics Major MATH 202 (1) (MATH 143)	Methods of Proof in Mathematics MATH 248 (4) (MATH 143)	Linear Algebra II MATH 306 (4) (MATH 206 or 244; 241; 248 w/min C-, or Instr. Consent)	Combinatorial Mathematics MATH 336 (4) (MATH 248 or Jr Standing)	Introduction to Analysis II MATH 413 (4) (MATH 412)	Depth/MATH Elective (4)³ *	Complex Analysis I MATH 408 (4) (MATH 242, or MATH 241 and 244)	Topology I MATH 440 (4) (MATH 412. Coreq: MATH 481)	MATH Elective (4)² *
Expository Writing ENGL 133/134 (4)** [A2]			General Physics IA PHYS 141 (4)¹ (MATH 141 w/min C-; MATH 142 or 182. Recom: HS physics)	General Physics II or III PHYS 132 or 133 (4)¹ * [B1 & B3]	MATH Elective (4)² *	MATH Elective (4)² *	Depth/MATH Elective (4)³ *	MATH / STAT Elective (4)⁴ *		Depth/MATH Elective (4)³ *	
Oral Communication COMS 101/102 (4)** [A1]			Reasoning, Argumentation, & Writing [A3] COMS 126; COMS / ENGL 145; ENGL 148; PHIL 126 (4)** (Completion of GE A2 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.								
GE (4) **			GE (4) **	GE (4) **	GE (4) **	Free Elective (4)	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **
GE (4) **	GE (4) **					Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)			Free Elective (2)		
16	13	16	13	16	16	16	16	16	14	16	12
										TOTAL:	180

Notes:

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

* Refer to current catalog for prerequisites.

** One course from each of the following GE areas must be completed: A1, A2, A3, B2, Upper-Division B, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2 (8), Upper-Division D, E, and GE Electives. Upper-Division B, Upper-Division C, and Upper-Division D should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement

USCP requirement can be satisfied by some (but not all) courses within GE categories: Upper-Division B, C1, Upper-Division C, D1, D2, Upper-

¹ The PHYS/CSC course sequences may be taken in either order depending on your interests.

² Math electives must include 16 units from the following: MATH 304, 335, 341, 344, 350, 404, 406, 409, 414, 416, 418, 435, 437, 451, 452, 453, 459 or 460,

³ Depth Work must include 12 units from of the following: MATH 406, 409, 414, 435, 483

⁴ Choose one course from the following: MATH 350; STAT 301 or 305 or 425.

Legend:

Course Title		Major (61)
Course # (Units)		Concentration (48)
(Prerequisite)		General Ed. (60)
[GE Area]		Free Electives (11)