

Updated 6/4/2015

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Introduction to Statistical Investigation STAT 150 (4)	Statistics I STAT 301 (4) (MATH 141)	Statistics II STAT 302 (4) (STAT 301)	Introduction to Probability and Simulation STAT 305 (4) (MATH 142, & CPE/CSC 101 or 232 or CPE/CSC 235)	Design and Analysis of Experiments I STAT 323 (4) (IME 326 or STAT 252 or 302 or 312 or 313)	Statistical Computing with R STAT 331 (4) (IME 326 or STAT 252, 302, 312, or 313; & BUS 290 or CPE/CSC 101 or 235 or STAT 330)	Probability Theory STAT 425 (4) (CSC 141 or 348; or MATH 241 & 248. Recom: STAT 301 & 305)	Estimation and Sampling Theory STAT 426 (4) (STAT 425. Recom: STAT 302)	Mathematical Statistics STAT 427 (4) (STAT 426)	Senior Project I STAT 461 (1)	Senior Project II STAT 462 (2)	Statistical Communication and Consulting STAT 465 (4) (Sr Standing)
Calculus I MATH 141 (4) * [B1]	Calculus II MATH 142 (4) (MATH 141 w/min grade of C-) [B1]	Calculus III MATH 143 (4) (MATH 142 w/min grade of C-)	Applied Regression Analysis STAT 324 (4) (IME 326 or STAT 252 or 302 or 312 or 313)	Statistical Computing with SAS STAT 330 (4) (IME 326 or STAT 252 or 302 or 312 or 313)	Methods of Proof in Mathematics MATH 248 (4) (MATH 143)	Statistics Elective (4)² *	Statistics Elective (4)² *	Statistics Elective (4)² *	Statistics Elective (4)² *	Statistics Elective (4)² *	Statistics Elective (4)² *
GE (4) **	GE (4) **	Computer Science CSC/CPE 235 or 101 (4) *	Calculus IV MATH 241 (4) (MATH 143)	Linear Algebra I MATH 206 (4) (MATH 143)	GE (4) **	GE (4) **	GE (4) **	GE (4) **	Advisor Approved Support Elective (4)³ *	Advisor Approved Support Elective (4)³ *	GE (4) **
Free Elective (1)¹ Recommended: MATH 151 (Concurrent: MATH 141)	Free Elective (1)¹ Recommended: MATH 152 (Concurrent: MATH 142)	Free Elective (1)¹ Recommended: MATH 153 (Concurrent: MATH 143)	GE (4) **	GE (4) **	Free Elective (1)¹ Recommended: MATH 258 (Concurrent: MATH 248)	GE (4) **	GE (4) **		GE (4) **	GE (4) **	Free Elective (1)¹
Expository Writing ENGL 133 or 134 (4)** [A1] Can be taken anytime during Freshman Year											
Oral Communication COMS 101 or 102 (4)** [A2] Can be taken anytime during Freshman Year											
			Reasoning, Argumentation, & Writing [A3] COMS 126; COMS / ENGL 145; ENGL 148; PHIL 126 (4)** (Completion of GE A1 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years.			Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)					
17	17	17	16	16	13	16	16	12	13	14	13
										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, B3, (B4 [lab] must be completed with either B2 or B3),

C1, C2, C3, C4, C1-C5 elective, D1, D2, D3, D4, D5 and F. C4, D5 and F should be taken only after Junior standing is reached (90 units).

ENGL 148 recommended to satisfy GE A3 requirement.

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

USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, D4, D5 or F.

¹ Five units of elective credit needed to reach 180 units. Math workshops are strongly recommended and require concurrent enrollment in the associated Math course. Each workshop will count as one unit of elective credit. CR/NC grading.

² Statistics Electives (24 units). **12 units from List A:** STAT 405, 416, 417, 418, 419, 421, 423. **12 units from List B:** any 400-level STAT course (including from List A); CSC/CPE 102, 103, 236, 348, 349, 365, 369; DATA 301; IME 430; IT 303; MATH 242, 306, 335, 336, 406, 412, 413, 414, 437, 451.

³ Consultation with faculty advisor is required to select and obtain approval for these courses. Students are requested to consult their advisors before the start of their junior year.

Legend:

Course Title	
Course # (Units)	Major (95)
(Prerequisite)	Support (16)
[GE Area]	General Ed. (64)
	Free Electives (5)