Updated 1/06/2020

FRESHMAN

Fall	Winter	Spring
Introduction to the Discipline of Statistics **STAT 150 (2)**	*Statistics I* **STAT 301 (4)** (MATH 141)	*Statistics II* **STAT 302 (4)** (STAT 301)
Calculus I **MATH 141 (4)** * [B4]	*Calculus II* **MATH 142 (4)** (MATH 141 w/min grade of C-) [GE Elective]	*Calculus III* **MATH 143 (4)** (MATH 142 w/min grade of C-)
		Computer Science **CSC/CPE 101 or 235 (4)** *
GE (4) **	**GE (4)** **	
Expository Writing **ENGL 133 or 134 (4)** ** [A2] — Can be taken anytime during Freshman Year		
Oral Communication **COMS 101 or 102 (4)** ** [A1] — Can be taken anytime during Freshman Year		
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.		
Free Elective (1)[1] Rec: MATH 151 (Conc: MATH 141)	**Free Elective (1)[1]** Rec: MATH 152 (Conc: MATH 142)	**Free Elective (1)[1]** Rec: MATH 153 (Conc: MATH 143)
15	**17**	**17**

SOPHOMORE

Fall	Winter	Spring
Introduction to Probability and Simulation **STAT 305 (4)** (BUS 392, CPE/CSC 101, 235, CSC 232, ECON 395, or STAT 331; and MATH 142)	*Design and Analysis of Experiments I* **STAT 323 (4)** (IME 326 or STAT 252 or 302 or 312 or 313)	*Applied Linear Models* **STAT 334 (4)** STAT 252, 302, 312, 313, or IME 326; and MATH 206, or MATH 244)
Calculus IV **MATH 241 (4)** (MATH 143)	*Linear Algebra I* **MATH 206 (4)** (MATH 143)	*Statistical Communication* **STAT 365 (2)** (GE Areas A2 and A3; and STAT 252, 302, or 313)
Statistical Computing with SAS **STAT 330 (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 392, CPE/CSC 101 or 235, ECON 395, or STAT 330)	*Methods of Proof in Mathematics* **MATH 248 (4)** (MATH 143)
GE (4) **	**GE (4)** **	**GE (4)** **
		Free Elective (1)[1] Rec: MATH 258 (Conc: MATH 248)
16	**16**	**15**

JUNIOR

Fall	Winter	Spring
Probability Theory **STAT 425 (4)** (MATH 241; MATH 248 or CSC 348; STAT 305. Recom: STAT 301)	*Estimation and Sampling Theory* **STAT 426 (4)** (STAT 425. Recom: STAT 302)	*Mathematical Statistics* **STAT 427 (4)** (STAT 426)
Statistics Elective (4)[2] *	**Statistics Elective (4)[2]** *	**Statistics Elective (4)[2]** *
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)		
12	**16**	**16**

SENIOR

Fall	Winter	Spring
Statistics Elective (4)[2] *	**Statistics Elective (4)[2]** *	*Senior Project - Statistical Consulting* **STAT 466 (4)** (STAT 323; 330; 331; 334; 365; STAT major; Sr Standing)
		Statistics Elective (4)[2] *
Approved Support Elective (4)[3] *	**Approved Support Elective (4)[3]** *	
GE (4) **	**GE (4)** **	**GE (4)** **
	Free Elective (1)[1]	
Free Elective (1)[1]	**Free Elective (1)[1]**	**Free Elective (1)[1]**
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, B1, B2, Upper-Division B, C1, C2, Lower-Division C Elective, Upper-Division C, D1, D2 (8), Upper-Division D, E, and GE Elective. Upper-Division B, Upper-Division C, and Upper-Division D 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: Upper-Division B, C1, Upper-Division C, D1, D2, Upper-Division D, or E.

[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).
   List A (12 units): STAT 405, 414, 415, 416, 417, 418, 419, 421, 423, 434.
   List B (12 units): any 400-level STAT course (including from List A); CSC/CPE 202, 203; CSC 236, 348, 349, 365, 369; DATA 301; IME 430; ITP 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)** (Prerequisite) [GE Area]	
Major (92)	(yellow)
Support (16)	(orange)
General Ed. (64)	(green)
Free Electives (8)	(blue)

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