

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Careers in Bioresource and Agricultural Engineering BRAE 128 (2)	CAD for Agricultural Engineering BRAE 151 (1) (BRAE 133)	3-D Solids Modeling BRAE 152 (1) (BRAE 133, BRAE 151 or equivalent	Agricultural Power and Machinery Management BRAE 142 (4) (MATH 116 or equivalent)	Agricultural Systems Analysis BRAE 203 (4) (MATH 118 or equivalent)	BRAE 237 (2) OR BRAE 239 (4) (MATH 119 or equivalent)	Irrigation Water Management BRAE 340 (4)	Principles of Agricultural Electrification BRAE 324 (4) (MATH 119, PHYS 121)	Energy for a Sustainable Society BRAE 348 (4) (Jr Standing; GE Area B)	Agricultural Materials BRAE 342 (4) (PHYS 121, SS 121, MATH 119)	Mechanical Systems Analysis BRAE 343 (4) (BRAE 342)	Computer Controls for Ag BRAE 425 (3) (BRAE 324; CSC 110 or CSC 113 or CSC 232)
Introduction to Engineering Design Graphics BRAE 133 (1)	Agricultural Economics AGB 212 (4)	Laboratory Skills and Safety BRAE 129 (1)	Introductory Soil Science SS 121 (4)	AGB 214 (4) or BUS 212 (4)	GE (4) *	Food and Fiber Marketing AGB 301 (4) (AGB 212 or ECON 201)	Agribusiness Credit and Finance AGB 310 (4) (AGB 214 or BUS 212 or BUS 214)	Hydraulic and Mechanical Power Systems BRAE 301 (4) (PHYS 121 or PHYS 141)	Agricultural Systems Management I BRAE 418 (4) (BRAE 203, AGB 301, AGB 310 and GE A3)	Agricultural Systems Management II BRAE 419 (4) (BRAE 418)	Agricultural Buildings BRAE 432 (4) (PHYS 121, BRAE 342, BRAE 343)
Agricultural Machinery Safety BRAE 141 (3)	CHEM 110 or 111 (4/5)  *  [B3 & B4]  Calculus for Business & Econ	Animal/Plant Production Elective¹ (3) *	GE (4) *	GE (4) *	GE (4)	GE (4) *	Agricultural Safety BRAE 321 (3) (Junior standing)	Approved Elective (4) *	Senior Project Organization BRAE 460(1) (GE A3)	Senior Project I BRAE 461 (2) (BRAE 460)	Senior Project II BRAE 462 (2) (BRAE 461)
MATH 119 (4) or STAT 217 (4) or STAT 218 (4) * [B1]	MATH 221 (4) * [B1]	GE (4)		GE (4)	GE (4)	GE (4) *	Upper Division GE (4) *	Approved Elective (4)	Approved Elective (3) *	Managing Cultural Diversity in Agricultural Labor Relations AGB 401 (4) (Senior standing) [USCP]	Approved Elective (4)
Expository Writing ENGL 133/134 (4)* [A1] Can be taken anytime during Freshman Year  Oral Communication COMS 101/102 (4)* [A2] Can be taken anytime during Freshman Year  Reasoning, Argumentation, & Writing [A3] COMS/ENGL 145; ENGL148 (4) (Completion of GE A1 with a C- or better) Can be taken anytime between Winter of Freshman and Winter of Se							Writing Requireme		Upper Division GE (4) *		
14	17-18	13	16	16	14-16	16	16	15	16	14	13
14	17 10	10	10	10	14.10	10	10	10	.0	TOTAL:	180-183
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## Notes:

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

C1, C2, C3, C4, C1-C4 elective, D1, D2, D3, D4 and D5. C4 and D5 should be taken only after Junior standing is reached (90 units). Refer to online catalog for GE course selection and Graduation Writing Requirement (GWR).

## Legend:



<sup>\*</sup> Refer to current catalog for prerequisites.

 $<sup>^{\</sup>star}$ One course from each of the following GE areas must be completed: A1, A2, B2,

<sup>&</sup>lt;sup>1</sup> Select any ASCI, CRSC, DSCI, FRSC, HCS, PPSC, or VGSC course except for internship or enterprise courses.