

# CROP MANAGEMENT

## 2021/2022 Four-Year Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

<b>YEAR 1 • FALL</b>	PLSC 102 (F) The Science of Plants in Agriculture	3	<b>YEAR 1 • SPRING</b>	ELECTIVE Communication	2-3
	ELECTIVE General Education	3		ELECTIVE General Education	3
	MATH 143, 160 or 170 Math Core (Test Scores/MATH 108)	3		ENGL 102 College Writing & Rhetoric (Test Scores/ENGL 101)	3
	ENGL 101 Introduction to College Writing (Test Scores, ENGL 109)	3		CHEM 101/101L or 111/111L Chemistry (Test Scores/CHEM 101/MATH 143)	4
				EPPN 154/155 or BIOL 250/255 Microbiology	4-5
	<b>TOTAL CREDITS</b>	<b>12</b>		<b>TOTAL CREDITS</b>	<b>16-18</b>
<b>YEAR 2 • FALL</b>	AGEC 278 Farm & Agribusiness Management	4	<b>YEAR 2 • SPRING</b>	SOIL 205/206 The Soil Ecosystem (CHEM 111)	4
	BIOL 115/115L Cells & Evolution of Life (CHEM 101 or 111)	4		AGEC 289 Agricultural Markets and Prices	3
	ELECTIVE General Education	3		STAT 251 Statistical Methods (MATH 108, 143, 160 or 170)	3
	ELECTIVE Crop Management	3		ELECTIVE General Education	3
				ELECTIVE Crop Management	3
	<b>TOTAL CREDITS</b>	<b>14</b>		<b>TOTAL CREDITS</b>	<b>16</b>
<b>YEAR 3 • FALL</b>	PLSC 451 (F, Even Years) Vegetable Crops (PLSC 102)	3	<b>YEAR 3 • SPRING</b>	AGED 406 or 407 Exploring International Agriculture or Genes and Justice (Junior or Senior; SOIL 205)	3
	ASM 305 (F*) GPS & Precision Agriculture	3		PLSC 407 (S) Field Crop Production	3
	ENGL 313 or 317 Business Writing (ENGL 102; Sophomore) or Technical Writing (ENGL 102; Junior)	3		PLSC 408 (Odd Years*) Cereal Science	3
	ELECTIVE Crop Management	3		ELECTIVE Professional Support	6
	PLSC 338 (F) Weed Control	4			
	<b>TOTAL CREDITS</b>	<b>16</b>		<b>TOTAL CREDITS</b>	<b>15</b>
<b>YEAR 4 • FALL</b>	PLSC 400 Seminar	1	<b>YEAR 4 • SPRING</b>	PLSC 490 (S, Even Years*) Potato Science	3
	PLSC 398, 402 or 499 Internship, Research or Directed Study (variable credits) (Permission)	3		ELECTIVE General Education	3
	ASM 315 (F, odd years*) Irrigation Systems & Water Management (Soil 205, MATH 143)	3		ELECTIVE Crop Management (two classes)	6
	ELECTIVE Crop Management	3		PLSC 438 (S) Pesticides in the Environment	3
	ELECTIVE Professional Support	3			
	PLSC 480 (S) Field Trip (up to 3 credits) (Permission)	1			
	<b>TOTAL CREDITS</b>	<b>14</b>		<b>TOTAL CREDITS</b>	<b>15</b>

COURSE # Course Name (Prerequisites, Co-Requisites) \*Switch in Odd Years

F = FALL, S = SPRING



# **CROP**MANAGEMENT

Prepare to make business decisions related to local, national and global issues surrounding food and energy production. You'll study a mix of crop production and agribusiness, with courses in plant sciences, irrigation systems, weed control, farm management and agriculture safety.

## **Career Options**

- Farm Manager
- Agronomist
- Sales Manager
- Crop Consultant
- Crop Manager
- Plant Scientist
- Agriculture Economist
- Land Use Consultant



## **Fast Facts**

- Gain experience at on-campus plant science farms and computer-controlled greenhouses.
- Learn to manage crops using advanced GPS techniques.
- Complete an independent study.
- Get involved with the Food and Agribusiness Club, Plant and Soil Science Club or Soil Stewards to network with potential employers.
- Conduct an undergraduate research project.