



# WESTERN CATS

AWC/UA Yuma Sustainable Plant Systems - Fresh Produce Safety Option

2022-2023

To schedule an appointment with an advisor contact:

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## Year One

### Pre- Semester One

Course	Title	Units	Complete
MAT187~	Pre- Calculus	4	
Total		4	

### Fall - Semester One

Course	Title	Units	Complete
ENG 101~	Freshman Composition I	3	
MAT 220	Calculus 1	5	
PLS 100~	Plant Science	4	
AGEC-A	Arts	3	
Total		15	

### Spring - Semester Two

Course	Title	Units	Complete
ENG 102	Freshman Composition II	3	
PLS~	Choose elective	4	
ECN240~	Macro Economics	3	
BIO 181~	General Biology I	4	
Total		14	

**Total 33**

## Year Two

### Summer

Course	Title	Units	Complete
ECN250	Micro Economics	3	
Total		3	

### Fall - Semester Three

Course	Title	Units	Complete
CHM151~	General Chemistry I	4	
MAT270~	Applied Statistics	4	
Choose ~	1 PLS/AGB/AGS Elective	4	
AGEC-A	Humanities* (PHI 105)	3	
Total		15	

### Spring - Semester Four

Course	Title	Units	Complete
CHM 152~	General Chemistry II	4	
PLS 211~	Soils	4	
GLG 101	Geology	4	
Choose AGS/PLS/AGB Elective Course		5	
Total		17	

**Total Year 2 Credits 35**

\*Must be an AGEC writing intensive course

~Pre-req: Can only be missing max of 3 classes with ~  
In order to graduate from UA, student must have second language proficiency (SPA 102, etc).

AGEC S	39
AS in Crop Production degree	64
BS in Sustainable Plant Systems degree	120

**AWC/UA Yuma Sustainable Plant Systems—Crop Production/Fresh Produce Safety Option**

**Start UA Fall Even**

**OR**

**Start UA Fall Odd**

**Year Three**

Fall (EVEN) - Semester Five			
Course	Title	Units	Complete
ASM 195	Introduction to Ag Systems	1	
CHM 235 (CC)	Organic Chemistry	5	
ENTO 300	Pest Management Desert Crops	3	
PLS 306	Crop Production	3	
ALC 422	Ag Communications	3	
^PLS497	Community/ School Gardening	3	
^ASM409	Advanced Ag Systems/Tech	3	

Spring (ODD) - Semester Six			
Course	Title	Units	Complete
PLS 360 (O)	Plant Growth and Physio.	3	
ASM311	Quantitative Business Analysis	3	
PLS467	Fresh Produce Safety	3	
ASM404	Irrigation	3	
MIC 430 (O)	Micro & Food Safety	3	

**Year Four**

Fall (ODD) - Semester Seven			
Course	Title	Units	Complete
PLS 397A	Yuma Production Systems	3	
^ASM 490	Case Studies	3	
PHY111 (CC)	Physics I	4	
^PLS359 (O)	Plant Cell & Structure	3	
PLP 305	Plant Pathology	3	
ASM493	Internship	3	

Spring (EVEN) - Semester Eight			
Course	Title	Units	Complete
NSC 353 (O)	Food Science– Food Safety	3	
^AGTM 375	Agriculture Law	3	
^PLS 300	Applied Weed Management	3	
^PLS 403	Citrus & Date Production	3	
ASM499	Independent Study	3	
PLS312 (O)	Animal and Plant Genetics	3	
ENVS 316	Soil Fertility	3	

<b>Total Year 3 Credits</b>	<b>28</b>
<b>Total Year 4 Credits</b>	<b>28</b>

^ Choose 4/ (O)- Online/ (CC)- Community College

**Year Three**

Fall (ODD) - Semester Five			
Course	Title	Units	Complete
ASM 195	Introduction to Ag Systems	1	
CHM 235 (CC)	Organic Chemistry	5	
PLS 397A	Yuma Production Systems	3	
^ASM 490	Case Studies	3	
PLP 305	Plant Pathology	3	
ALC422	Ag Communications	3	

Spring (EVEN) - Semester Six			
Course	Title	Units	Complete
^AGTM 375	Agriculture Law	3	
^PLS 300	Applied Weed Management	3	
^PLS 403	Citrus & Date Production	3	
NSC 353 (O)	Food Science– Food Safety	3	
PLS 312 (O)	Animal and Plant Genetics	3	

**Year Four**

Fall (EVEN) - Semester SEVEN			
Course	Title	Units	Complete
PHY111 (CC)	Physics I	4	
PLS 306	Crop Production	3	
ENTO 300	Pest Management Desert Crops	3	
^PLS359 (O)	Plant Cell & Structure	3	
ASM493	Internship	3	
^PLS497	Community/ School Gardening	3	
^ASM409	Advanced Ag Systems/Tech	3	

Spring (ODD) - Semester Eight			
Course	Title	Units	Complete
PLS 360 (O)	Plant Growth and Physio.	3	
ASM499	Independent Study	3	
PLS467	Fresh Produce Safety	3	
ASM 311	Quantitative Business Analysis	3	
ASM 404	Irrigation	3	
MIC 430 (O)	Micro & Food Safety	3	

<b>AA in Agriculture</b>	<b>64</b>
<b>UA-Yuma</b>	<b>56</b>
<b>BS Degree</b>	<b>120</b>