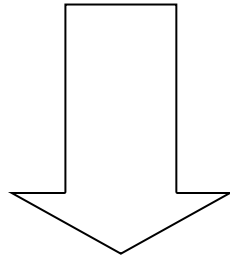
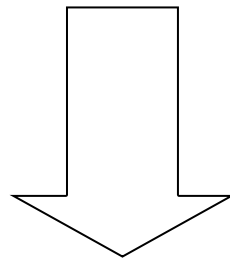


# **Agronomy Pathway**

Arizona Western College  
Associates of Crop Production



University of Arizona– Yuma  
Bachelor's in Sustainable Plant Systems



## **Food and Agricultural Science Careers**

- Agricultural Climatologist
- Agronomist
- Agronomist Sales
- Biological Science Technician
- Biotechnology Technician
- Chemical Sales Representative
- Crop Consultant
- Crop Production Specialist
- District Conservationist
- District Seed Sales Manager
- Environmental Scientist
- Extension Agent
- Farm Loan Officer
- Farm Manager
- Farmer
- Fertilizer Plant Manager
- Field Production Specialist
- Field Representative
- Forest Soil Scientist
- Golf Course Superintendent
- GPS Training Specialist
- Grain Laboratory Technician
- Lab technician
- Land Use Consultant
- National Park Technician
- Operations Trainee
- Pest Control Advisor
- Physical Science Technician
- Production Scientist
- Range Manager
- Research Assistant
- Research Associate
- Research Station Superintendent
- Seed Analyst
- Seed Production Manager
- Seed Sales
- Soil and Water Conservationist
- Soil Classifier
- Soil Management Specialist
- Soybean Researcher
- Territory Sales Manager
- Turfgrass Specialist
- USDA
- Weed Scientist
- Wetlands Soil Scientist



**Arizona Western College &  
The University of Arizona - Yuma Academic Program  
Sustainable Plant Systems (Agronomy/Fresh Produce Safety Option)  
2017-2018 Curriculum Check List**



UNOFFICIAL PLANNING GUIDE

**ARIZONA WESTERN COLLEGE COURSES**

**ARIZONA GENERAL EDUCATION (AGEC-S)**

Course	Units	COMPLETED
<b><u>A. Freshman Composition</u></b>		
a) ENG 101 Fresh. Comp.	3	_____
b) ENG102 Fresh. Comp.	3	_____
<b><u>B. Mathematics</u></b>		
MAT 220 Calculus I	5	_____
<b><u>C. Arts and Humanities</u></b>		
a) PHI 105 Intro Ethics (rec,WI)	3	_____
b) Arts _____	3	_____
<b><u>D. Social and Behavioral Sciences</u></b>		
a) ECN 250 Microecon.(sugg)	3	_____
b) ECN 240 Macroecon (rec)	3	_____
<b><u>E. Physical and Biological Sciences</u></b>		
a) CHM 151 Gen. Chemistry I	4	_____
b) CHM 152 Gen. Chemistry II	4	_____
<b><u>F. Additional Courses</u></b>		
a) BIO181 Intro Biology	4	_____
b) PLS 100 Plant Science	4	_____

**AGEC-S 39 Total Units**

*Courses must be chosen from AWC AGECE-S Course List.  
AGEC completion must be listed on transcripts by AWC.*

**ADDITIONAL AWC COURSEWORK-**

GLG 101 Intro to Geology	4	F/S	_____
MAT 270 Applied Statistics	4	F/S	_____
PHY111 College PHY I	4	Fall	_____
PLS 211 Soils	4	S	_____

**Select one of the following tracks:**

**Agronomy/Pest Control Advisor Track**

AGS 296 Ag Internship	1-4	F/S/Sum	_____
PLS 200 Intro. to IPM	4	F (even)	_____
PLS 230 Crop Fertility	4	F (odd)	_____
PLS 290 Vegetable Crop	4	S (odd)	_____

**Food Safety Track**

AGS 200 Food Safety Mgmt	4	F/S	_____
AGS 220 Safety in Facilities	4	F/S	_____
PLS 100 Plant Science	4	F/S	_____
PLS 290 Vegetable Crop	4	S (odd)	_____

**AWC Advisor: Sarah Berner**  
928.344-7624  
[Sarah.berner@azwestern.edu](mailto:Sarah.berner@azwestern.edu)  
Ag Sciences Building Room 136

**UNIVERSITY OF ARIZONA COURSES**

**Major Coursework Units Offered COMPLETED**

AGTM 375 Ag Law	3	S(even)	_____
AGTM 422 Ag Communications	3	Online F/S	_____
ASM 195 Intro UA & Careers	1	F(all)	_____
ASM 311 Quantitative Business	3	S (odd)	_____
ASM 404 Irrigation	3	F (odd)	_____
ASM 409 Advanced Tech	3	F (even)	_____
ASM 490 Case Studies	3	S(odd)	_____
ASM 493 Internship	1-3	F/S/Sum	_____
ASM 499 Independent Study	1-3	F/S/Sum	_____
CHM 235 Organic Chemistry	5	Fall	_____
ENTO 300IPM Desert Crops	3	F (even)	_____
ENV5 316 Soil Fertility	3	S (odd)	_____
MIC 430 Food Microbiology	3		_____
NSC 353 Food Safety	3	S (odd)	_____
PLP 305 Plant Pathology	3	S (odd)	_____
PLS 306 Crop Production	3	F (even)	_____
PLS 300 Applied Weed Mgmt.	3	S	_____
PLS 312 Animal & Plant Gene.	3	S(odd)	_____
PLS 360 Plant Growth & Physio.	3	S (even)	_____
PLS 397A Yuma Prod. Systems	3	F (odd)	_____
PLS 403 Citrus Production	3	S (even)	_____

**Total UA-YUMA Major Units 56**

**Minors are available in these content areas:**

- Nutrition
- Plant Science
- Spanish

**AS in Crop Production 64 Total Units**

*Completion of AGECE-S and selected coursework  
would permit a student eligibility for an AS in  
Crop Production through AWC.*

**Bachelor of Science- Sustainable Plant Systems**

**120 Total Units**

AGECE-S	39 units
AS in Crop Production	64 units
Upper Division Units	56 units

*Second Semester Foreign Language must be completed*

**UA Yuma Advisor: Allison Gilliland**  
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Engineering Building- Rm 123

