

Degree & Certificate Requirements

Agriculture Production Associate of Applied Science (AAS) PROFESSIONAL TECHNICAL 2025-2026 Degree Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
AG 101	Crop Production I Field Crops W/ Lab [RE]	4		
AG 107	Agriculture Safety [RE]	3		
AG 117	Agriculture Mechanics and Machinery W/ Lab [RE]	4		
AG 140	Weed Science W/ Lab [RE]	4		
AG 181	Irrigation Principles and Management W/ Lab [RE]	4		
BIOL 252	Insects of Economic Importance W/ Lab [M/S]	5		
AG 221	Introduction to Precision Agriculture [RE]	3		
BIOL 201	Soils W/ Lab [M/S]	5		
BIOL 201 is cross-listed with AG 201. Students may not use equivalent cross-listed courses for the same graduation requirement.				
AG 222	Advanced Precision Agriculture W/ Lab [RE]	4		
AG 250	GPS and GIS Applications W/ Lab [RE]	4		
CS 101	Intro to Computers & Information Technology	5		
AG 232	Crop Production II Fruit & Veg Production W/ Lab [RE]	4		
HORT 202	Cultivated Plants W/Lab [RE]	5		
HORT 203	Crop Growth & Development W/ Lab [RE]	5		
HORT 242	Hydroponic Technology w/ Lab [RE]	4		
HORT 235	Greenhouse Production and Management W/ Lab	3		
AG 289	Agriculture Business Concepts [RE]	5		
AFS 101	Introduction to Agricultural Systems	5		
AG 297	Agriculture Internship [RE]	3		

Subtotal 79

General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
CHEM& 121	Intro to Chemistry W/ Lab [M/S]	5		
ENGL& 101	English Composition I [C]	5		
CMST& 220	Public Speaking [C]	5		
Mathematics - select 5 credits from the following:				
MATH& 107	Math In Society [M/S] [Q/SR]	5		
MATH& 146	Introduction to Stats [M/S] [Q/SR]	5		

Subtotal 20

Total Credits Required 99

A student may not use equivalent cross-listed courses for the same graduation requirement. Refer to the Cross-Listed Courses section of the catalog for more information, and consult with your counselor, completion coach, or faculty advisor.