

UNMANNED SYSTEMS – PRECISION AGRICULTURE OPTION

Associate in Science

<u>Recommended Sequence</u>	<u>Credits</u>
First Semester (Fall)	
☐ ENG 140 English Composition I	3
☐ MAT 131 College Algebra	3
☐ UAS 101 Unmanned Systems	3
☐ UAS 102 UAS Standards, Regulations, & Law	3
☐ UAS 103 UAS Flight Simulation	3
	15
Second Semester (Spring)	
☐ CSC 103 Introduction to Computing	3
☐ UAS 105 Remote Pilot Operations	3
☐ UAS 106 Unmanned Aircraft Systems Safety & Security	3
☐ UAS 209 UAS Photogrammetry, Remote Sensing, & Analysis	3
☐ UAS 114 UxS for Precision Agriculture	3
	15
Third Semester (Fall)	
☐ COM 143 Speech	3
☐ MAT 141 Pre-Calculus	3
☐ UAS 214 Advanced Digital Acquisition Analysis	3
☐ UAS 115 Soil Fertility and Plant Nutrient Management	3
☐ _____ Social Science Elective	3
	15
Fourth Semester (Spring)	
☐ UAS 116 Precision Farming Tech	3
☐ UAS 203 Meteorology	3
☐ UAS 204 Intro to Geographic Info. Sys.	3
☐ _____ Humanities Elective	3
☐ _____ Social Science Elective or Humanities Elective	3
	15
Total Credits Needed for Degree	60

General Education Requirements A.S.

1. COMMUNICATION

Must complete 6 credits from the following:

☐ENG-140 ☐COM-143

2. MATHEMATICS – TECHNOLOGY

Must complete 9 credits as specified by category:

A. Mathematics (6 credits)

☐MAT-131 ☐MAT-141

B. Technology (3 credits)

☐CSC-103 ☐CSC-112

3. SOCIAL SCIENCE – HUMANITIES

Must complete a total of 9 credits from A & B with at least 3 credits in each category:

A. Social Science (3-6 credits)

☐ANT 289 ☐ECO-188 ☐ECO-189 ☐GEO-105

☐POL -101 ☐POL -115 ☐POL-201 ☐PSY-101

☐PSY-175 ☐SOC-103 ☐SOC-202

B. Humanities (3-6 credits)

☐ART-101 ☐ART-105 ☐ART-106 ☐ART-107

☐ENG-199 ☐ENG-201 ☐ENG-202 ☐ENG-240

☐ENG-241 ☐ENG-242 ☐FOR-101 ☐FOR-103

☐FOR-133 ☐FOR-151 ☐FOR-201 ☐FOR-251

☐HIS-101 ☐HIS-102 ☐HIS-113 ☐HIS-114

☐HIS-220 ☐HIS-225 ☐HIS-250 ☐HIS-260

☐MUS-191 ☐MUS-211 ☐PHI-101 ☐PHI-102

☐PHI -103 ☐PHI-204 ☐PHI-261 ☐THE-193

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This option is designed to respond to evolving industry demand and student interest in high-growth sectors that integrate drone technology with modern agricultural practices. The option supports transfer pathways to baccalaureate programs in agricultural technology, environmental science, geographic information systems, and related fields, while aligning with workforce needs in precision farming, remote sensing, and GIS applications.

Elective Categories:

Students may select courses from any of the disciplines listed below each category to full-fill any remaining degree requirements above and beyond their General Education Requirements.

SOCIAL SCIENCE:

ANT CRJ ECO POL PSY SOC

HUMANITIES:

ART COM FOR ENG* HIS MUS PHI THE

* Literature Elective must be ENG-199, 201, 202, 205, 240, 241, 242, 244, 245

BUSINESS:

ACC BUS COM121 CSC ECO GRD LST

LIBERAL ARTS:

ANT ART BIO COM CHE CRJ ECO

ENG* FOR HIS MAT MUS PHI PHY

POL PSY SOC THE

* Literature Elective must be ENG-199, 201, 202, 205, 240, 241, 242, 244, 245

FREE:

Any college-level (100+) course that is not required as part of the degree program