

A.A.S. Unmanned Aerial Systems

(2 Years)

Program Admissions Requirements

| Placement Test | Math |
|----------------|------|
| SAT | 320 |
| ACT | 14 |
| ALEKS | 14 |

General Education

The listing below includes program requirements that also fulfill General Education requirements.

| Code | Title | Credits |
|---------------------------|--|---------|
| Objective 1 | | 3 |
| ENGL 1101 or ENGL 1102 | Writing and Rhetoric I ¹ Writing and Rhetoric II | |
| Objective 2 | | 3 |
| COMM 1101 | Fundamentals of Oral Communication | |
| Objective 3 | | 3 |
| Objective 6 | | 3 |
| Any unfilled objective | | 4 |
| PHYS 1101 & 1101L | Elements of Physics and Elements of Physics Laboratory | |
| Total Credits | | 16 |

¹ "P" courses are equivalent to the original course.

Major Requirements

| Code | Title | Credits |
|----------|--|---------|
| UAS 1100 | Introduction to Unmanned Aerial Systems | 1 |
| UAS 1110 | Applied Mathematics and Electronics for Unmanned Systems | 3 |
| UAS 1115 | Flight Theory | 3 |
| UAS 1120 | Flight Laboratory I | 4 |
| UAS 1150 | Unmanned Systems Design | 3 |
| UAS 1155 | Flight Control and Subsystems | 4 |
| UAS 1170 | Flight Laboratory II | 4 |
| UAS 2200 | Advanced Electronics and Payload for Unmanned Systems | 3 |
| UAS 2225 | Flight Laboratory III | 5 |
| UAS 2228 | Principles of GIS | 3 |
| UAS 2240 | Avionics and Sensors for UAS | 2 |
| UAS 2250 | Imagery Analysis | 4 |
| UAS 2252 | Ground Control Points for Unmanned Aerial Systems | 1 |
| UAS 2255 | Autopilot Theory | 3 |
| UAS 2270 | Autopilot Laboratory | 4 |
| UAS 2282 | Introduction to Rapid Prototyping | 2 |

| | | |
|----------------------|---|----|
| PHYS 1101 & 1101L | Elements of Physics and Elements of Physics Laboratory | 4 |
| Total Credits | | 53 |

Degree Totals

| Code | Title | Credits |
|---------------|----------------------------------|---------|
| | Program Admission Requirements | 0 |
| | General Education | 16 |
| | Major Requirements (w/o gen eds) | 49 |
| | Free Electives | |
| Total Credits | | 65 |

ISU Degree Requirements (<http://coursecat.isu.edu/undergraduate/degree requirements/>)

ISU General Education for College of Technology (<http://coursecat.isu.edu/undergraduate/technology/#text>)

Major Academic Plan (MAP)