

Pilot Unmanned Aircraft Systems (A60180U)

2017-2018

Semester-By-Semester Plan

Fall I							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
ACA	111	College Student Success	1	0	0	1	
AER	110	Air Navigation	3	0	0	3	
AER	113	History of Aviation	2	0	0	2	
AER	150	Private Pilot Flight Theory	2	2	0	3	
UAS	110	Intro to UAS Operations	3	0	0	3	
			0	0	0	0	
Total Recommended Hours			11	2	0	12	
Spring I							
AER	111	Aviation Meteorology	3	0	0	3	
AER	112	Aviation Laws and FARs	2	0	0	2	
AER	160	Instrument Flight Theory	2	2	0	3	
AER	211	Air Traffic Control	2	0	0	2	
UAS	111	Unmanned Aircraft Systems	3	0	0	3	
ENG	111	Writing and Inquiry	3	0	0	3	
Total Recommended Hours			15	2	0	16	
Summer 1							
AER	217	Air Transportation	3	0	0	3	
AER	218	Human Factors in Aviation	2	0	0	2	
UAS	150	UAS Flight Simulation	2	3	0	3	
UAS	152	Remote UAS Sensing and Control	2	2	0	3	
Total Recommended Hours			9	5	0	11	
Fall II							
AER	115	Flight Simulator	0	2	0	1	
AER	170	Commercial Flight Theory	3	0	0	3	
ENG	112	Writing/Research in the Disc	3	0	0	3	ENG 111
MAT	121	Algebra/Trigonometry or	2	2	0	3	or 171
UAS	112	UAS Communications/Telemetry	3	0	0	3	
Total Recommended Hours			11	4	0	13	
Spring II							
BUS	152	Human Resource Management	3	0	0	3	
CIS	110	Introduction to Computers	2	2	0	3	
HUM/F		Humanities/Fine Arts Pick List	3	0	0	3	
SOC/S		Social/Behavioral Sciences Pick List	3	0	0	3	
UAS	230	UAS Aerial Photo Surveys	2	2	0	3	
Total Recommended Hours			13	4	0	15	
Total Program Hours						67	

NOTES:

Please note that this is a possible semester-by-semester course of study. Any developmental courses such as DMA and DRE courses that are necessary for student placement could extend the time needed for completion. In such cases, graduation may be extended by one or more semester(s). Other delays might be experienced in regard to the timelines of various course offerings.

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Work

Prefix No Semester-By-Semester Plan Class Lab Clinic Exp Credit Pre-requisites

Program Electives

AER	213	Avionics	2	0	0	0	2	
AER	215	Flight Safety	3	0	0	0	3	
BUS	153	Human Resource Management	3	0	0	0	3	
CTS	130	Spreadsheet	2	2	0	0	3	
DBA	110	Database Concepts	2	3	0	0	3	
PHY	131	Physics-Mechanics	3	2	0	0	4	
WBL	111-112	Work-Based Learning I	0	0	0	ten to tw	one-two	

Humanities/Fine Arts Electives (See page 83 of the Catalog)

ART	111	Art Appreciation	3	0	0	0	3	
ART	114	Art History Survey I	3	0	0	0	3	
ART	115	Art History Survey II	3	0	0	0	3	
ENG	231	American Literature I	3	0	0	0	3	
ENG	232	American Literature II	3	0	0	0	3	
ENG	241	British Literature I	3	0	0	0	3	
ENG	242	British Literature II	3	0	0	0	3	
HUM	110	Technology and Society	3	0	0	0	3	
HUM	120	Cultural Studies	3	0	0	0	3	
HUM	122	Southern Culture	3	0	0	0	3	
MUS	110	Music Appreciation	3	0	0	0	3	
REL	110	World Religions	3	0	0	0	3	
REL	211	Intro to Old Testament	3	0	0	0	3	
REL	212	Intro to New Testament	3	0	0	0	3	

Natural Sciences/Mathematics Electives (See page 83 of the Catalog)

		Required Group						
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Social/Behavioral Sciences Electives (See page 83 of the Catalog)

ECO	251	Prin of Microeconomics	3	0	0	0	3	
ECO	252	Prin of Macroeconomics	3	0	0	0	3	
GEO	111	World Regional Geography	3	0	0	0	3	
HIS	111	World Civilizations I	3	0	0	0	3	
HIS	112	World Civilizations II	3	0	0	0	3	
HIS	121	Western Civilizations I	3	0	0	0	3	
HIS	122	Western Civilizations II	3	0	0	0	3	
HIS	131	American History I	3	0	0	0	3	
HIS	132	American History II	3	0	0	0	3	
POL	120	American Government	3	0	0	0	3	
PSY	150	General Psychology	3	0	0	0	3	
SOC	210	Introduction to Sociology	3	0	0	0	3	
SOC	213	Sociology of the Family	3	0	0	0	3	
SOC	220	Social Problems	3	0	0	0	3	
SOC	225	Social Diversity	3	0	0	0	3	

Developmental Courses

DMA	010	Operations with Integers	0.75	0.5	0	0	1	
DMA	020	Fractions and Decimals	0.75	0.5	0	0	1	DMA 010
DMA	030	Propor/Ratio/Rate/Percent	0.75	0.5	0	0	1	DMA 020
DMA	040	Express/Lin Equat/Inequal	0.75	0.5	0	0	1	DMA 030
DMA	050	Graphs/Equations of Lines	0.75	0.5	0	0	1	DMA 040
DMA	060	Polynomial/Quadratic Appl	0.75	0.5	0	0	1	DMA 050
DMA	070	Rational Express/Equation	0.75	0.5	0	0	1	DMA 060
DRE	098	Integrated Reading Writing III	2.5	1	0	0	3	DRE 097
DRE	097	Integrated Reading Writing II	2.5	1	0	0	3	DRE 096