Unmanned Aircraft Systems Operations -Helicopter **2019 UND Catalog**

Medium/High Altitude Long Endurance UAS Commercial Applications and Operations

NAME_____   STUDENT ID_____

Essential Studies Requirements:

I. Communication *(9 credits)*

Engl	110	Composition I	3	_____
Engl	130	Composition II	3	_____
Comm	110	Fund. Public Speaking	3	_____

II. Social Science *(9 credits; 2 depts.)*

_____	3 _____
_____	3 _____
_____	3 _____

III. Fine Arts and Humanities *(9 credits; 2 depts.)*

Fine Arts Course

_____   3 _____

Humanities Course

_____   3 _____

Fine Arts or Humanities Course

_____   3 _____

IV. Math, Science & Technology *(9 credits; 2 depts.)*

AtSc	110	Meteorology I	3	_____
AtSc	110L	Meteorology Lab	1	_____
Math	103	College Algebra	3	_____
CSci	130	Intro to Scientific Computing		
		OR	4	_____
CSci	160	Computer Science I		
CSci	290	Cyber-Security Info Assur.	3	_____

OTHER REQUIRMENTS (One of the Following)

Badm	225	Prof Comm for Business	3	_____
Engl	227	Intro to Lit. and Culture	3	_____
Engl	228	Diversity in Global Lit.	3	_____
Engl	229	Diversity in U.S. Lit.	3	_____
Engl	308	Art of Writing Non Fiction	3	_____

Electives as needed to meet Graduation Requirements

Aviation Requirements:

Flight Courses

Avit	142	Introduction to Aviation	5	_____
Avit	143	Private Pilot Certification	1	_____
Avit	238	UAS Operations Certification	3	_____
Avit	241	Commercial Helicopter	4	_____
Avit	242	Intro to Commercial Flying	1	_____
Avit	247*	R44 Helicopter Transition	1	_____

Only if no R44 experience

Avit	337	Survey of UAS	2	_____
Avit	342	IFR Regulations and Procedures	3	_____
Avit	343	Instrument Rating Certification	1	_____
Avit	444	Helicopter Adv. Operations	4	_____
Avit	445	Commercial Pilot Certification	1	_____
Avit	438	UAS Operations	4	_____

Non-Flight Courses

Avit	100	Aviation Orientation	1	_____
Avit	103	Intro to Air Traffic Control	2	_____
Avit	126	Intro to UAS Operations	2	_____
Avit	208	Aviation Safety	3	_____
Avit	239	Autonomous Fundamentals	2	_____
Avit	240	UAS Enabling Concepts	3	_____
Avit	250	Human Factors	2	_____
Avit	331	Unmanned Aircraft Systems	3	_____
Avit	332	UAS Ground Systems	3	_____
Avit	333	UAS Sensor Systems	4	_____
Avit	403	Aerospace Law	3	_____
Avit	430	Crew Resource Mgmt.	3	_____
Avit	450	Counter UAS Applications	3	_____
Avit	485	Aviation Senior Capstone	3	_____

OTHER REQUIRMENTS

AtSc	231	Aviation Meteorology	4	_____

X= currently enrolled in course