

2024-25 ACADEMIC MAP

BCA - Flight Operations

TOTAL HRS: 121



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

		FALL SEMESTER					SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1 - Freshman	CAV 100	Introduction to Aviation	3	CAV Core	C		CAV 260	Aircraft Engine Operations	3	Major	C	
	CAV 250	Private Pilot Ground	5	Major	C		CAV 350	Instrument Ground	3	Major	C	
	CAV 256	Applied Meteorology	3	CAV Core	C		COM 101/202	Communication Studies	3	Gen Ed		
	CAV 251	Private Pilot Flying	3	Major	C		ENG 101	Composition I	3	Gen Ed		
	FYS 100/300 ¹	First Year Seminar	1	Univ Req			MAT 104	College Algebra	3	Gen Ed		
			15						15			
YEAR 2 - Sophomore	CAV 353	Commercial Instrument I	3	Major	C		CAV 362	Multi-Engine Ground	3	Major	C	
	ECO 210	Principles of Macroeconomics	3	Gen Ed			CAV 354	Commercial Instrument II	3	Major	C	
	ENG 102	Composition II	3	Gen Ed			MAT 105	Plane Trigonometry	3	Spec Dgr		
	CIS 205	Microcomputer Apps	3	Gen Ed			ENG 203/206	Literature	3	Gen Ed		
		Lab Science Elective	3	Gen Ed			CAV 357	Aerodynamics	3	CAV Core	C	
	Lab Science Elective (Lab)	1	Gen Ed				Fine Arts	3	Gen Ed			
			16						18			
YEAR 3 - Junior	CAV 352	Commercial Pilot Ground	3	Major	C		ECO 211	Microeconomics	3	Gen Ed		
	CAV 363	Multi-Engine Flight	1	Major	C		CAV 380 ³	Air Transportation	3	CAV Core	C	
	CAV 371	Aviation Law	3	CAV Core	C		CAV 355	Commercial Instrument III	3	Major	C	
	CAV 373	Human Factors	3	CAV Core	C		CAV 374	Federal Aviation Reg	3	CAV Core	C	
	PHY 221/231	General Physics I	3	Gen Ed			CAV 387	Adv Aircraft Systems	3	Major	C	
PHY 233/235	General Physics I Lab	1	Gen Ed					15				
			14									
YEAR 4 - Senior	CAV 372	Aviation Safety	3	CAV Core	C		CAV 381	Air Traffic Administration	3	CAV Core	C	
	CAV 360 ⁴	Flight Instructor Ground	3	Major	C		CAV 390	Inst Flight Instructor Gr/FI	1	Major	C	
	MGT 200	Statistics	3	Spec Dgr	C		CAV 420 ⁴	Air Carrier Equipment	3	Major	C	
	HIS 100/200 level	History	3	Gen Ed			CAV 361	Certified Flight Instructor	3	Major	C	
	CAV 370 ³	Principles of Transportation	3	CAV Core	C			Humanities & Fine Arts ²	3	Gen Ed		
			15						13			

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).
- ²**Humanities & Fine Arts:** Take PHI 201 or any ENG lit, HIS, or Fine Art course not already taken.
- ³CAV 370 and CAV 380 are writing enhanced courses.
- ⁴CAV 360 and CAV 420 fulfill the capstone experience requirement.