

B.S. in Aeronautical Science

Freshman Year

Fall		Credits
AS 121	Private Pilot Operations	5
COM 122	English Composition	3
FA 121	Private Single Flight	1
MA 111	Pre-Calculus for Aviation	3
UNIV 101	College Success	1
Credits Subtotal		13.0

Spring

CS 118	Fundamentals of Computer Programming	3
or IT 109	Introduction to Computers and Applications	
	Humanities Lower-Level Elective	3
MA 112	Applied Calculus for Aviation	3
PS 113	Introductory Physics I	3
	Social Science Lower-Level Elective	3
Credits Subtotal		15.0

Sophomore Year

Fall		Credits
AS 221	Instrument Pilot Operations	3
AS 221L	Instrument Pilot Operations Laboratory	1
AS 309	Aerodynamics	3
AS 357	Flight Physiology	3
FA 221	Instrument Single Flight	1
WX 201	Survey of Meteorology	3
WX 203L	Survey of Meteorology Laboratory	1
Credits Subtotal		15.0

Spring

AS 310	Aircraft Performance	3
	Communications Elective	3
	Open Electives	6
WX 301	Aviation Weather	3
Credits Subtotal		15.0

Junior Year

Fall		Credits
AS 321	Commercial Pilot Operations	3
AS 321L	Commercial Pilot Operations Laboratory	1
AS 356	Aircraft Systems and Components	3
	Communications Elective	3
FA 321	Commercial Single Flight	1
	Open Elective	3
PSY 101	Introduction to Psychology	3
Credits Subtotal		17.0

Spring

AS 311	Aircraft Engines - Turbine	3
AS 350	Domestic and International Navigation	3
AS 380	Pilot Career Planning and Interviewing Techniques	1
AS 387	Crew Resource Management	3
AS 411	Jet Transport Systems	3
BA 201	Principles of Management	3
FA 323	Commercial Multi Add On	1
Credits Subtotal		17.0

Senior Year

Fall

	Aeronautical Science, Air Traffic, Safety Science, or Weather Upper-Level Elective	3
AS 405	Aviation Law	3
AS 435	Electronic Flight Management Systems	3
	Humanities or Social Science Upper-Level Elective	3
Credits Subtotal		12.0

Spring

AS 402	Airline Operations	3
or AS 410	Airline Dispatch Operations	
AS 408	Flight Safety	3
AS 420	Flight Technique Analysis	3
	Open Electives	7
Credits Subtotal		16.0
Credits Total:		120.0