SOUTH DAKOTA STATE UNIVERSITY

Bachelor of Science
Major: Aviation
Specialization: Aviation Education
2025-2026 Sample 4-Year Plan
Total Degree Requirements: 120 credits

Student _____ **Student ID#** _____ **Student Phone #** _____

Advisor _____ **Minimum GPA** _____ **Minor/Career Interest(s)** _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the Undergraduate Catalog.

FIRST YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 101	Introduction to Aviation		1	F	
AVIA 150	Introduction to Aviation Meteorology		2		
AVIA 200	Aviation Safety		3		
EHS 119	EHS Seminar		2		
SGR #1	Written Communication		3		
SGR #3	Social Sciences	Select from the designated list of courses to fulfill civics requirement	3		
Electives		CA 110 or CA 111 suggested	1		
		Total Credit Hours	15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 201	Aviation Weather	p. AVIA 150 with grade of C or better	2		
GEOG 131	Physical Geography: Weather and Climate (SGR #6)	c. GEOG 131L	4		
GEOG 131L	Physical Geography: Weather and Climate Lab (SGR #6)		0		
LDR 210	Foundations of Leadership		3		
MATH 103	Mathematical Reasoning (SGR#5)		3		
SGR #4	Arts and Humanities	Foreign language helpful/pick any course	3		
		Total Credit Hours	15		

SECOND YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 170	Fundamentals of Flight Theory	Should take with AVIA 171 P: AVIA 101 C or higher	3		
AVIA 171	Introductory Flight I	Instructor consent P: AVIA 101 C or higher	2		
PHYS 101	Survey of Physics (SGR #6)	c. PHYS 101L	3		
PHYS 101L	Survey of Physics Lab (SGR #6)		1		
SGR #1	Written Communication		3		
SGR #4	Arts and Humanities	Foreign language helpful/pick any course	3		
		Total Credit Hours	15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ACCT 210	Principles of Accounting I		3		
AVIA 180	Attitude Instrument Theory	c. AVIA 181 p. AVIA 170 with grade of C or better	2		
AVIA 181	Introductory Flight II	c. AVIA 180 p. AVIA 171 with grade of C or better/ instructor consent	2		
ECON 202	Principles of Macroeconomics (SGR #3)		3		
SGR #2	Oral Communication		3		
Electives			3		
		Total Credit Hours	16		

Information Subject to Change. This is not a contract.

p. = Course Prerequisite; c. = Course Co-requisite
Semester: F = Fall, S = Spring, SU = Summer

THIRD YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 302	Aviation Law	Fall	2	F	
AVIA 370	Professional Pilot Theory I	c. AVIA 372 p. AVIA 180 with a grade of C or better	3	F	
AVIA 372	Professional Flight I	c. AVIA 370; p. AVIA 181 with a grade of C or better	2		
Electives			7		
		Total Credit Hours	14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 300	Human Factors in Aviation		3	S	
AVIA 340	Advanced Flight Principles	Take with AVIA 375	3	S	
AVIA 375	Professional Pilot Theory II	c AVIA 377 p. AVIA 370 with a grade of C or better	3	S	
AVIA 377	Professional Flight II	c. AVIA 375 p. AVIA 372 with a grade of C or better	2		
EHS 319	Life, Love and Money		2	S	
Electives			3		
		Total Credit Hours	16		

FOURTH YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 305	Intro to Aviation Administration		3	F	
AVIA 440	Curriculum Design in Aviation	Take AVIA 440, 450 & 470 together	3	F	
AVIA 450	Methods of Teaching	Take AVIA 440, 450 & 470 together	3	F	
AVIA 470	Professional Flight Instructor Theory I	c. AVIA 474 p. AVIA 375 with a grade of C or better	2	F	
AVIA 474	Certified Flight Instructor I	c./p. AVIA 470 with a C or better p. AVIA 377 with a C or better	2		
Electives			3		
		Total Credit Hours	16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
AVIA 400	Air Transportation		3	S	
AVIA 471	Professional Flight Instructor Theory II	p. AVIA 470 with a grade of C or better	2	S	
AVIA 475	Certified Flight Instructor II	c./p. AVIA 471 with a grade of C or better p. AVIA 474 with a grade of C or better	2		
AVIA 489	Aviation Senior Seminar	p. AVIA 450, AVIA 470, and senior standing; c. AVIA 471	3	S	
AVIA 494	Internship		3		
		Total Credit Hours	13		

COMMENTS/NOTES

Additional flight costs for AVIA 171, 181, 372, 377, 474, 475 - see Aviation website for most updated costs.

Additional medical, financial, and department consent required for all flight courses. See your academic advisor for questions.

All students wishing to take a flight course are encouraged to visit with an aviation faculty member first.

Suggested electives: CA 110, CA 111, BLAW 350, LDR 435, MGMT 334, MGMT 360

All AVIA courses + LDR 210, GEOG 131 & GEOG 131L must be taken to receive R-ATP certificate - see handbook for more information.