

**Bachelor of Science in Education & Human Sciences Major: Aviation Major - Aviation Education Specialization (Fall 2016)**

Student \_\_\_\_\_  
 Advisor \_\_\_\_\_

Student ID# \_\_\_\_\_  
 Minimum GPA \_\_\_\_\_

Anticipated Graduation Term \_\_\_\_\_  
 Today's Date 05/27/16

**2016-2017 Undergraduate Catalog Requirements**

**System General Education Requirements (SGR) (30 credits, Complete First 2 Years)**

SGR Goal 1	Written Communication (6 credits)	6	SEM	GR
ENGL 101	Composition I	3		
ENGL 201	Composition II	3		

SGR Goal 2	Oral Communication (3 credits)	3	SEM	GR
SPCM 101	Fundamentals of Speech	3		

SGR Goal 3	Social Sciences/Diversity (2 Disciplines, 6 credits)	6	SEM	GR
SOC 100 or PSYC 101	Intro to Sociology OR General Psychology	3		
ECON 202	Principles of Macroeconomics	3		Meets globalization

SGR Goal 4	Humanities and Arts/Diversity (2 Disciplines, 6 credits)	6	SEM	GR
SGR 4	Humanities and Arts	3		
SGR 4	Humanities and Arts	3		

SGR Goal 5	Mathematics (3 credits)	3	SEM	GR
MATH 102	College Algebra (or higher)	3		

SGR Goal 6	Natural Sciences (6 credits)	8	SEM	GR
GEOG 131/L	Physical Geography I	4		
PHYS 101/L	Survey of Physics	4		

**Institutional Graduation Requirements (IGRs) (5 credits)**

IGR Goal 1	First Year Seminar	2	SEM	GR
EHS 109	First Year Seminar	2		

IGR Goal 2	Cultural Awareness and Social and Environmental Responsibility	3	SEM	GR
IGR #2	Cultural Awareness & Environmental Responsibility	3		Different prefix than SGRs #3, #4, #6

(Must have a different prefix than the courses used to meet SGR 3, 4 and 6)

Globalization Requirement			SEM	GR
	Requirement met with ECON 202			

Advanced Writing Requirement		3	SEM	GR
AVIA 440	Curriculum Design in Aviation	3		Fall only

College of Education & Human Sciences Requirement		2	SEM	GR
EHS 309	Interdisciplinary Group Processes	2		Junior standing, spring only

Requirements for Aviation Education			55	SEM	GR
AVIA 101	Introduction to Aviation	Fall only	1		
AVIA 150/L	Introduction to Meteorology and Lab	Fall only	2		
AVIA 170	Fundamentals of Flight Theory	Fall only, c. AVIA 171	3		
AVIA 171	Introductory Flight I	Fall only, must pass medical c. AVIA 170 (est. flt costs \$7,000)	2		
AVIA 180	Attitude Instrument Theory	Spring only, c. AVIA 181 p. AVIA 170/171	2		
AVIA 181	Introductory Flight II	Spring only, c. AVIA 180 p. AVIA 170/171 (est. flt costs \$8,500)	2		
AVIA 200	Aviation Safety	Spring only	3		
AVIA 201	Aviation Weather	Spring only , p. AVIA 150	2		
AVIA 300	Human Factors in Aviation	Spring only, p. AVIA 200	3		
AVIA 302	Aviation Law	Fall only	2		
AVIA 305	Introduction to Aviation Administration	Fall only p. AVIA 200, ACCT 210	3		
AVIA 340	Advanced Flight Principles	Spring only, prefer concurrent with AVIA 375/377	3		
AVIA 370	Professional Pilot Theory I	Fall only, c. AVIA 372, p. AVIA 170, 171, 180, 181	3		
AVIA 372	Professional Flight I	Fall only, c. AVIA370 (est. flight costs TBD)	2		
AVIA 375	Professional Pilot Theory II	Spring only, c. AVIA 377, p. AVIA 370/372	3		
AVIA 377	Professional Flight II	Spring only, c. AVIA 375, p. AVIA 372 (est. flight costs TBD)	2		
AVIA 400	Air Transportation System	Spring only	3		
AVIA 450	Methods of Teaching in Aviation	Spring only	3		
AVIA 470	Professional Flight Instructor Theory I	Fall only c. AVIA 474	2		
AVIA 471	Professional Flight Instructor Theory II	Spring only , c. AVIA 475, p. AVIA 470	2		
AVIA 474	Certified Flight Instructor I	Fall only, c. AVIA 470 p. AVIA 375/377 (est. flight costs TBD)	2		
AVIA 475	Certified Flight Instructor II	Spring only, c. AVIA 471 p. AVIA 474 (est. flight costs TBD)	2		
AVIA 489	Aviation Senior Seminar	Spring only, senior standing	3		

Other Required Courses		3	SEM	GR
ACCT 210	Principles of Accounting	3		

Consumer Sciences Department Requirements		7	SEM	GR
CS 377	Professional Documents	1		
LEAD 210	Foundations of Leadership	3		
LEAD 435	Organizational Leadership and Team Development	3		

Electives		13	SEM	GR

TOTAL CREDITS 120

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**Sample 4 Year Plan**

Student \_\_\_\_\_  
 Student ID# \_\_\_\_\_

First Year Fall Courses		Prerequisites/Comments	CR	SEM	GR
EHS 109	First Year Seminar (IGR 1)		2		
AVIA 101	Introduction to Aviation	Fall only	1		
ENGL 101	Composition I (SGR 1)		3		
AVIA 150/L	Introduction to Meteorology and Lab	Fall only	2		
AVIA 170	Fundamentals of Flight Theory	Fall only, c. AVIA 171	3		
AVIA 171	Introductory Flight I	Fall only, must pass medical/pay flight costs c. AVIA 170	2		
SGR #3	PSYC 101 or SOC 100		3		
			16		

Second Year Fall Courses			CR	SEM	GR
AVIA 370	Professional Pilot Theory I	Fall only, c. AVIA 372, p. AVIA 181	3		
AVIA 372	Professional Flight I	Fall only, c. AVIA 370	2		
ENGL 201	Composition II (SGR 1)	ENGL 101	3		
SGR #4	Humanities/Arts Diversity (SGR 4)		3		
PHYS 101/L	Survey of Physics & Lab	SGR #6	4		
			15		

Third Year Fall Course			CR	SEM	GR
AVIA 440	Curriculum Design in Aviation	Fall only, prefer concurrent with AVIA 470/474	3		
AVIA 302	Aviation Law	Fall only	2		
AVIA 305	Introduction to Aviation Administration	Fall only p. AVIA 200, ACCT 210	3		
AVIA 470	Professional Flight Instructor Theory I	Fall only c. AVIA 474	2		
AVIA 474	Certified Flight Instructor I	Fall only, c. AVIA 470 p. AVIA 375/377	2		
LEAD 210	Foundations of Leadership		3		
			15		

Fourth Year Fall Courses			CR	SEM	GR
SGR #4	Humanities/Arts Diversity (SGR 4)		3		
CS 377	Professional Documents		1		
LEAD 435	Organizational Leadership & Team Dvlp.		3		
IGR #2	Cultural Awareness & Environmental Responsibility	Different prefix than SGRs #3, #4, #6	3		
ECON 202	Principles of Macroeconomics (SGR 3)	meets Globalization requirement	3		
			13		

SGR courses
IGR courses
Globalization (G)

First Year Spring Courses		Prerequisites/Comments	CR	SEM	GR
MATH 102	College Algebra		3		
SPCM 101	Fundamentals of Speech (SGR 2)		3		
AVIA 180	Attitude Instrument Theory	Spring only, c. AVIA 181 p. AVIA 170/171	2		
AVIA 181	Introductory Flight II	Spring only, c. AVIA 180 p. AVIA 170/171	2		
AVIA 200	Aviation Safety	Spring only	3		
AVIA 201	Aviation Weather	Spring only , p. AVIA 150	2		
			15		

Second Year Spring Courses			CR	SEM	GR
GEOG 131/L	Physical Geography I (SGR 6)		4		
AVIA 375	Professional Pilot Theory II	Spring only, c. AVIA 377, p. AVIA 372	3		
AVIA 377	Professional Flight II	Spring only, c. AVIA 375, p. AVIA 372	2		
ACCT 210	Principles of Accounting		3		
AVIA 340	Advanced Flight Principles	Spring only, prefer concurrent with AVIA 375/377	3		
			15		

Third Year Spring Courses			CR	SEM	GR
AVIA 300	Human Factors in Aviation	Spring only, p. AVIA 200	3		
AVIA 450	Methods of Teaching in Aviation	Spring only	3		
AVIA 471	Professional Flight Instructor Theory II	Spring only , c. AVIA 475, p. AVIA 470	2		
AVIA 475	Certified Flight Instructor II	Spring only, c. AVIA 471 p. AVIA 474	2		
	Electives		6		
			16		

Fourth Year Spring Courses			CR	SEM	GR
AVIA 400	Air Transportation System	Spring only	3		
AVIA 489	Aviation Senior Seminar	Spring only, senior standing	3		
EHS 309	Interdisciplinary Group Processes		2		
	Elective		7		
			15		

Advanced Writing (AW)
Major Courses

**Totals** 120

**Information Subject to Change. This checksheet is not a contract.**

## Course Options - No Prereqs

The following courses do not have any prerequisites. This alternate list of courses can be used by advisors to help students develop a complete schedule (15 credits) when a student has already completed numerous credits prior to attending SDSU.

<b>Major Course Options</b>		
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
AVIA 120	Exploring Aviation (extra expense for course)	1
GEOG 337	Atmospheric Sciences (R-ATP Approved Course)	3
AST 353	Physical Climatology and Meteorology (R-ATP Approved Course)	3

<b>Student Success Courses</b>		
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>
UC 143	Mastering Lifetime Learning Skills	2
UC 102/L	Exploratory Studies	2
CA 110	Individual Financial Literacy	1
CA 111	Individual Financial Management	1

<b>1 and 2 Credit Courses</b>
<p>At SDSU, our goal is to help you progress in your academic program and to complete your degree in a timely manner. To this end, we encourage all students to complete 15 credits each semester. This list indicates a variety of 1- and 2-credit courses that are applicable to a majority of SDSU students and will help you compile a full course schedule. In some cases, these courses meet major requirements. Those courses that do not meet a specific requirement for your major will count as electives that contribute to the credits needed to complete your degree. The course list will be updated prior to registration each semester. Please consult with your advisor about which course(s) will be the best fit for you.</p> <p><a href="http://www.sdstate.edu/gs/students/advising/student-success.cfm">http://www.sdstate.edu/gs/students/advising/student-success.cfm</a></p>