

BS Aviation Professional Flight: 76 Credits in Major

Suggested Plan of Study

Aviation Department, Dr. Steve Anderson, Chair

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First Semester		Second Semester	
4/3 ENGL 191 or CMST 192 ¹ 3 AVIT 101 Aeronautics I 2 AVIT 102 Private Pilot Flight 3 AVIT 103 Air Transportation 3 MATH 112 ² College Algebra 1 PESS 122 Lifelong Health & Fitness Total Semester Credits = 15-16	4/3 ENGL 191 or CMST 192 ¹ 3 AVIT 205 Aircraft Electronic Systems 3 MATH 113 ² Trigonometry 3 EAS 104 Intro to Atmosphere 3 Gen Ed RIS ³ Area C Total Semester Credits = 15-16		
Third Semester		Fourth Semester	
3 AVIT 203 IFR Ground 2 AVIT 204 IFR Pilot Flight 3 AVIT 315 Intro to Air Traffic Control 4 PHYS 231 Physics I 3 Gen Ed 194 or 195 ¹ Total Semester Credits = 15	3 AVIT 325 Aviation Safety and Human Factors 2 AVIT 210 Multi-Engine Rating 3 AVIT 351 Comm. Pilot Ground School 3 Gen Ed 194 or 195 ¹ 3 General Ed ⁴ A or C Total Semester Credits = 15		
Fifth Semester		Sixth Semester	
3 AVIT 307 Aviation Law 3 AVIT 353 Turboprop Systems/Operations ⁵ 1 AVIT 354 Comm. Pilot Flight I CRM/LOFT ⁵ 3 MGMT 301 Intro to Management 3 General Ed ⁴ Choose A or C 3 University Electives Total Semester Credits = 16	3 EAS 360 Aviation Meteorology 2 AVIT 356 Comm. Pilot Flight II 3 AVIT 379 Advanced Aerodynamics 3 AVIT 317 Ethics in Aviation 3 General Ed ⁴ A or C Total Semester Credits = 14		
Seventh Semester		Eighth Semester	
3 AVIT 361 CFI Ground School 3 AVIT 421 Advance Aircraft Systems 3 General Ed ⁴ A or C 6 University Electives Total Semester Credits = 15	1 AVIT 362 CFI Flight 3 AVIT 413 Corp. & GA Operations 3 AVIT 423 Air Carrier Operations 3 AVIT 419 or 444 ⁷ 3 University Electives Total Semester Credits = 13		

Notes:

1. Where a choice is indicated the student should select one and then complete the other listed one the next semester.
2. Students must take the Math placement test prior to their first semester at SCSU and then pass the appropriate sequence of Math courses in the first two years of attendance at SCSU; students who need to take Math 070 and/or 072 may delay MATH 112 and 113 until their second year. Math 112 and 113 must be completed with a grade of "C-" or better. Students who have a high enough placement score to bypass College Algebra may take only MATH 113 or higher.
3. Racial Issues course (3 credits) must be completed no later than end of first year in attendance. Take 2 other (6 credits) Diversity courses for a total of three (9 credits) over your coursework.
4. Take a balance of aviation, general education and other courses over a particular semester. Ensure you take at least two classes from the left side of each General Education area A-B-C.
5. Students should have completed Multi Engine rating prior to this class.
6. Students desiring to major in Aviation must complete AVIT 101, 103, ENGL 191, CMST 192 and MATH 112, 113 with a grade of "C" or better no-later-than their first two years at SCSU; transfer students during their first year at SCSU. Students must declare the aviation major no later than the start of their Junior year (61 credits); transfer students at the end of their first year at SCSU. Students must complete course prerequisites before attempting the next course. Overrides into courses that students have not completed the prerequisite courses will not be allowed. Students must complete credit-by-exams prior to the end of their second semester at SCSU otherwise they must take the course in a regular class session. Classes (100/200 level) taken at two-year institutions which are offered at the 300/400 level at SCSU may be accepted, but will not count as upper division course work to meet the SCSU 45 credits requirement. No course substitutions are allowed if a student changes from one Aviation emphasis to another. On-campus SCSU students who desire to take on-line Aviation courses must get their adviser and department chair's written approval; students should be aware their expectations might not be matched with the actual experience. Students must meet with their adviser in the first semester to discuss the department's computer literacy policy; a signed copy of the document must be presented to their adviser for file at the time they apply for the Aviation major. AVIT 419 satisfies the Upper Division writing requirement.
7. Needs to relate to aviation focus area as such you must have completed substantial coursework in your area of study.