| E | South Dakota State University |
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| D I I | |

| Bachelor of Science in E | ducation and Human Sciences | | |
|---------------------------------|--|---|---------------|
| Major: Aviation | | | |
| Specialization: Aviation | Education | | |
| 2023-2024 Sample 4-Yea | r Plan | | |
| Total Degree Requirement | s: 120 credits | | |
| Student | Student ID# | Student Phone # | |
| Advisor | Minimum GPA | Minor/Career Interest(s) | |
| Students are not limited to th | is plan; it is maant to be used as a guide f | or planning purposes in consultation with your advise | or The comple |

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 <u>Undergraduate Catalog</u>.

| First Year | | | | | |
|---------------------|--|--|---------|----------|-------|
| Fall | | | | | |
| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
| AVIA 101 | Intro to Aviation | | 1 | F | |
| AVIA 150 | Intro to Aviation Meteorology | | 2 | | |
| EHS 119 | EHS Seminar | | 2 | | |
| LDR 210 | Foundations of Leadership | | 3 | | |
| PSYC 101 or SOC 100 | General Psychology or Introduction to Sociology (SGR #3) | SOC 100 suggested (SGR#3) | 3 | | |
| SGR #1 | Written Communication | | 3 | | |
| Electives | | CA 110 or CA 111 suggested | 1 | | |
| | | Total Credit Hours | 15 | | |
| Spring | | | | | |
| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
| AVIA 200 | Aviation Safety | | 3 | | |
| 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 | | |
| MATH 103 | Mathematical Reasoning (SGR#5) | | 3 | | |
| SGR #4 | Arts and Humanities | foreign language helpful/pick any course | 3 | | |
| | | | | | 1 |

| Second Year | | | | | |
|-----------------|---------------------------------------|--|---------|----------|-------|
| Fall | | | | | |
| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
| AVIA 170 | Fundamentals of Flight Theory | Should take with AVIA 171 | 3 | | |
| AVIA 171 | Intro to Flight I | instructor consent | 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 | Accounting I | | 3 | | |
| AVIA 180 | Attitude Instrument Theory | c. AVIA 181 p. AVIA 170 with grade of C or better | 2 | | |
| AVIA 181 | Intro 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 | 1 | |

Total Credit Hours

15



Life, Love and Money

Third Year

EHS 319

Electives

| 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 | 3 | F | |
| | | p. AVIA 180 with a grade of C or better | | | |
| AVIA 372 | Professional Flight I | c. AVIA 370; | 2 | | |
| | | p. AVIA 181 with a grade of C or better | | | |
| 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 | 3 | S | |
| | | p. AVIA 370 with a grade of C or better | | | |
| AVIA 377 | Professional Flight II | c. AVIA 375 | 2 | | |
| | | | | | |

p. AVIA 372 with a grade of C or better

Total Credit Hours

2

3

16

S

| 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 | 2 | F | |
| | | p. AVIA 375 with a grade of C or better | | | |
| AVIA 474 | Certified Flight Instructor I | c./p. AVIA 470 with a C or better | 2 | | |
| | | p. AVIA 377 with a C or better | | | |
| Electives | | | 3 | | |
| | | Total Credit Hours | 16 | | |

| 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 advisor for must updated information.

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

Suggested Leadership minor (LDR 310, LDR 410, LDR 496, CMST 201/215, PHIL 220)

Suggested electives: CA 110, CA 111, CA 150, MGMT 334, BLAW 350, BADM 360, LDR 435

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