

**GEOGRAPHY**

**DEPARTMENT OF**

**Social Science Air Transportation (Bachelor of Arts)**

Requires 121 Minimum Total Credit Hours; GE Legacy Requirements; Choice of Flight or Non-Flight Curriculum;
**Declared major before AU22.** General education requirements for degree completion can be found at <https://artsandsciences.osu.edu/advising/general-education-requirements>

**Major Requirements**

**CORE COURSES** (14 courses)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Course** | **Title** | **Hours** |  | **Course** | **Title** | **Hours** |
| AVIATN 2000 | Intro to the Aviation Industry | 3 |  | GEOG 2400.01 **OR** 2400.02 | Economic & Social Geography | 3 |
| AVIATN 2100 | Private Pilot Fundamentals | 5 |  | GEOG 3300**\*** | Transportation Security | 3 |
| AVIATN 2200 | Aviation Communication | 3 |  | GEOG 5200 | Cartography & Map Design | 3 |
| AVIATN 2300 | Aircraft Performance & Weather | 3 |  | GEOG 5210 | Fundamentals of Geographic | 3 |
| AVIATN 3000 | Aviation Management & Marketing | 3 |  |  | Information Systems |  |
| AVIATN 3200 | Aviation Regulations | 3 |  | GEOG 5300\* | Geography of Transportation | 3 |
| AVIATN 3300 | Aviation Human Factors & Safety | 3 |  | GEOG 5900**\*** | Weather, Climate & Global Warming | 3 |
| AVIATN 4500 | Aviation Capstone | 3 |  |  |  |  |
|  |  |  |  | **\*** *Indicates course is offered only one term per year.* |

**AVIATION ELECTIVES**

 ***Non-PPC Majors*** *(3 courses /9 credit hours)* ***For Professional Pilot Specialization*** *(23-25 credits)*

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| **Course** | **Title** | **Hours** |  | **Course** | **Title** | **Hours** |
| AVIATN 2101 | Private Pilot Flight Lab I | 2 |  | AVIATN 2101 | Private Pilot Flight Lab I | 2 |
| AVIATN 2102 | Private Pilot Flight Lab II | 2 |  | AVIATN 2102 | Private Pilot Flight Lab II | 2 |
| AVIATN 2400 | Fundamentals in Unmanned Aircraft Systems | 3 |  | AVIATN 2501 | Commercial Cross Country Flight Lab | 2 |
| AVIATN 2401 | UAS Ground and Flight Operations | 3 |  | AVIATN 3100 | Instrument Flight Fundamentals | 3 |
| AVIATN 2900 | Air Traffic Control Fundamentals | 3 |  | AVIATN 3101 | Instrument Flight Lab | 3 |
| AVIATN 3193 | \*\*Individual Studies in Aviation | 2-5 |  | AVIATN 4100 | Commercial Flight Operations | 3 |
| AVIATN 3400 | Aviation Accident Investigation | 3 |  | AVIATN 4101 | Commercial Pilot Flight Lab 1 | 2 |
| AVIATN 3500 | Airline Labor Relations | 3 |  | AVIATN 4102 | Commercial Pilot Flight Lab 2 | 2 |
| AVIATN 3600 | Business & Corporate Aviation Management | 3 |  | AVIATN 4300\* | Advanced Multi-Engine Operations | 2 |
| AVIATN 3600 | Business & Corporate Aviation Management | 3 |  | ***Select from the following path (4301 OR 5101 & 5101):***  |
| AVIATN 3700 | Building a Diverse Workforce in Aviation | 3 |  | AVIATN 4301 | Commercial Pilot MEL Flight Lab | 2 |
| AVIATN 3900 | Aircraft Management Systems and Environment | 3 |  | AVIATN 5100 | Flight Instruction Methodology | 2 |
| AVIATN 4000 | Air Transportation Analysis I | 2-5 |  | AVIATN 5101 | Flight Instructor ASE Flight Lab | 2 |
| AVIATN 4193 | \*\*Individual Studies in Aviation | 3 |  |  |  |  |
| AVIATN 4200 | Aviation Dispatch Fundamentals | 3 |  | ***The following courses available, but not required for degree:*** |
| AVIATN 4201 | Applied Aircraft Dispatch | 3 |  |  |  |  |
| AVIATN 4400 | Airport Management | 3 |  | AVIATN 5200 | Instrument Instruction Methodology | 2 |
| AVIATN 5000 | Air Transportation Analysis II | 3 |  | AVIATN 5201 | Instrument Instruction Flight Lab | 1 |
| AVIATN 5193 | \*\* Individual Studies in Aviation | 2-5 |  | AVIATN 5102 | Flight Instructor AME Flight Lab | 1 |
| AVIATN 5194 | \*\*Group Studies in Aviation | 2-5 |  |  |  |  |

**SOCIAL SCIENCE ELECTIVES** (12 credit hours, 2 courses must be from Geography [GEOG] )

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| **Requirements for Social Science Electives** |  |  |
|  |  |  |  |  |
| Student must complete four courses from the lists provided  |  |  |  |  |
| (one from each category and a fourth from category of |  |  |  |  |
| choice). |  |  |  |  |
|  |  | **Security** |
| Social Science Elective courses that are also approved GE  |  | **Course** | **Title** | **Hours** |
| Courses can overlap with the GE category for which they |  | COMM 3330 | Communication & Conflict | 3 |
| have been approved. |  |  | Management |  |
|  | COMM 3597.02 | Media & Terrorism | 3 |
|  |  |  |  | INTSTD 3701 | Introduction to Homeland Security | 3 |
| Any Social Science Elective course that is not an approved  |  | INTSTD 4700 | Terror and Terrorism | 3 |
| GE course can overlap with the GE Social Science and  |  | POLITSC 4318 | Politics of International Terrorism | 3 |
| GE Open Option categories only. |  | PSYCH 4525 | Psychology of Personal Security | 3 |
|  |  |  |  | SOC 3315 | Sociology of Terrorism | 3 |
|  |  |  |  |  |  |  |

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| **Individual & Social** |  | **Institutions** |
| **Course** | **Title** | **Hours** |  | **Course** | **Title** | **Hours** |
| COMM 2367 | Persuasive Communication | 3 |  | COMM 2540 | Intro to Communication Technology | 3 |
| COMM 2331 | Strategic Communication Principles | 3 |  | COMM 3325 | Intro to Organizational Communication | 3 |
| COMM 3331 | Communication in Decision Making | 3 |  | COMM 3668 | Intercultural Communication | 3 |
| COMM 3545 | Human-Computer Interaction | 3 |  | COMM 3443 | Global Media | 3 |
| GEOG 3600 | Space, Power & Political Geography | 3 |  | ECON 3048 | > Ethics & Social Responsibility in Economic Life | 3 |
| GEOG 5700 | Geography of Development | 3 |  | ECON 4600 | International Economic Relations | 3 |
| INTSTD 5195 | Selected Topics in International | 3 |  | ECON 4700 | > Government & Business | 3 |
|  | Studies |  |  | ECON 5850 | > Labor Economics | 3 |
| POLITSC 2150 | Voters & Elections | 3 |  | GEOG 3701 | The Making of the Modern World | 3 |
| PSYCH 4309 | Human Motor Control & Learning | 3 |  | GEOG 3702 | Life & Death Geographies: Global  | 3 |
| PSYCH 4508 | > Psychology of Judgment & | 3 |  |  | Population |  |
|  | Decision Making |  |  | GEOG 5802 | Globalization & Environment | 3 |
| PSYCH 4521 | > Personnel Psychology | 3 |  | INTSTD 4800 | Cultural Diplomacy | 3 |
| SOC 3302 | Technology & Global Society | 3 |  | INTSTD 5800 | International Law | 3 |
| SOC 2370 | Social Psychology in Sociological  | 3 |  | POLITSC 3115 | Intro to the Policy Process | 3 |
|  | Perspective |  |  | POLITSC 4200 | Politics of Modern Democracies | 3 |
|  |  |  |  | SOC 2309 | Intro to Law & Society | 3 |
| *> Indicates course has a prerequisite.* |  |  |  |  |

**Major Requirement Notations**

The following requirements for the major apply to all Arts and Sciences degrees.

**Major requirements comprise at least 30 semester hours and can be substantially higher**. Major courses must be at the 2000 level or above. At least 20 hours of the major must be in courses offered by the department of the major. Note: Some interdisciplinary majors are excluded from the 20-hour rule.

**Students must earn at least a C- in a course for the course to apply to the major**. However, students must receive a 2.0 cumulative grade point average (GPA) for all major course work. If a D+, D, or an E is earned in a course needed for the major, the course cannot be counted on the major. The major advisor will decide if the course should be repeated or if another course should be substituted. Courses taken on a pass/non-pass basis cannot be used on the major.

**The department must approve all courses in the major**. Some departments require a “major program form,” a document that must be signed by the academic advisor and submitted with the graduation application. Some departments do not require such a form because the academic advisors use an automated version on the degree audit report. Some departments require both. In any case, students should meet with the academic advisor early to plan the major; during your meeting, it can be determined whether the department requires a paper major program form. Any changes or adjustments to the major should be made in consultation with the academic advisor.

**If a student transferred from another institution, no more than half of the credit hours on the major program may consist of transfer credit.** The academic advisor, the chairperson of the department, and the appropriate assistant dean must approve any request for a variation in this policy.

**For Honors students, the GE curriculum and major must be approved by the assigned Honors advisor.** Information about the honors curriculum and requirements and how to schedule an appointment with an honors advisor is available on the College of Arts and Sciences Honors Program website: http://aschonors.osu.edu/advising. Students will also be assigned a faculty advisor in the department of study to help the student choose courses and co-curricular opportunities that align with academic and professional goals.

**For more information about internship and career opportunities, visit the College of Arts and Sciences Career Services Office.** Their website is <http://asccareerservices.osu.edu/> .

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