**GEOGRAPHY DEPARTMENT**

**APPENDIX A: New Advising Sheet, Air Transportation**

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

**Air Transportation Major**

Requires 62 Credit Hours

**Air Transportation Major with Professional Pilot Certification (PPC)**

Requires 72-74 Credit Hours

**FOUNDATIONAL CORE COURSES – PRE-MAJOR** (14 hours)

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| Course | Title | Hours |
| AVIATN 2000 | Intro to the Aivation Industry | 3 |
| AVIATN 2100 | Private Pilot Fundamentals | 5 |
| GEOG 2400 | Economic & Social Geography | 3 |
| GEOG 3300 | Transportation Security | 3 |

**CORE COURSES** (24 hours)

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| Course | Title | Hours |
| AVIATN 2200 | Aviation Communication | 3 |
| AVIATN 2300 | Aviation Performance & Weather | 3 |
| AVIATN 3000 | Aviatn Management & Marketing | 3 |
| AVIATN 3200 | Aviation Regulations | 3 |
| AVIATN 3300 | Aviatn Human Factors & Safety | 3 |
| AVIATN 4500 | Aviation Capstone | 3 |
| GEOG 5300 | Geography of Transportation | 3 |
| GEOG 5900 | Weather, Climate & Global Warming | 3 |

**AVIATION ELECTIVES**

**For Non-PPC Majors** (12 credit hours)

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| Course | Title | Hours |
| AVIATN 2101 | Private Pilot Flight Lab I | 2 |
| AVIATN 2102 | Private Pilot Flight Lab II | 2 |
| AVIATN 2900 | Air Traffic Control Fundamentals | 3 |
| AVIATN 3193 | Individual Studies in Aviation  | 2-5 |
| AVIATN 3400 | Aviation Accident Investigation | 3 |
| AVIATN 3500 | Airline Labor Relations | 3 |
| AVIATN 3600 | Business & Corporate Aviation Management | 3 |
| AVIATN 3700 | Building a Diverse Workforce in Aviation | 3 |
| AVIATN 4000 | Air Transportation Analysis | 3 |
| AVIATN 4193 | Individual Studies in Aviation | 2-5 |
| AVIATN 4200 | Aviation Dispatch Fundamentals | 3 |
| AVIATN 4201 | Aviation Aircraft Dispatch | 3 |
| AVIATN 4400 | Airport Management | 3 |
| AVIATN 5000 | Air Transportation Analysis II | 3 |
| AVIATN 5193 | Individual Studies in Aviation | 2-5 |
| AVIATN 5194 | Group Studies in Aviation  | 2-5 |

**Professional Pilot Certification (PPC)**

(22-24 hours)

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| Course | Title | Hours |
| AVIATN 2101 | Private Pilot Flight Lab I | 2 |
| AVIATN 2102 | Private Pilot Flight Lab II | 2 |
| AVIATN 2501 | Commercial Cross Country Flight Lab | 2 |
| AVIATN 3100 | Instrument Flight Fundamentals | 3 |
| AVIATN 3101 | Instrument Flight Lab | 3 |
| AVIATN 4100 | Commercial Flight Operations | 3 |
| AVIATN 4101 | Commercial Pilot Flight Lab | 3 |
| AVIATN 4300 | Advanced Multi-Engine Operations | 2 |

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| AVIATN 4301 | Commercial Pilot MEL Flight Lab | 2 |
| OR |  |  |
| AVIATN 5100 | Flight Instruction Methodology | 2 |
| AVIATN 5101 | Flight Instructor ASE Flight Lab | 2 |

*The following courses are available, but not required:*

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| AVIATN 5200 | Instrument Instruction Methodology | 2 |
| AVIATN 5201 | Instrument Instruction Flight Lab | 1 |
| AVIATN 5102 | Flight Instructor AME Flight Lab | 1 |

**SOCIAL SCIENCE ELECTIVES** (12 credit hours)

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| Requirements for Social Science Electives |
| Students must complete four courses from the lists provided. Two courses *must* be from the Geography category, the remaining from two other categories.  |

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| **GEOGRAPHY** |
| Course | Title | Hours |
| GEOG 2200.01 | Mapping Our World | 3 |
| GEOG 3600 | Space, Power & Political Geography | 3 |
| GEOG 3701 | The Making of the Modern World | 3 |
| GEOG 3702 | Life & Death Geographies | 3 |
| GEOG 3750 | Geography of North America | 3 |
| GEOG 3900 | Global Climate Change: Causes & Consequences | 3 |
| GEOG 5200 | Cartography | 3 |
| GEOG 5210 | Fundamentals of GIS | 3 |
| GEOG 5301 | Sustainable Transportation | 3 |
| GEOG 5700 | Geography of Development | 3 |
| GEOG 5802 | Globalization & Environment | 3 |

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| **INDIVIDUAL & SOCIAL** |
| COMM 2367 | Persuasive Communication | 3 |
| COMM 2331 | Strategic Communication Principles | 3 |
| COMM 3331 | Communication in Decision Making | 3 |
| COMM 3545 | Human-Computer Interaction | 3 |
| INTSTD 5195 | Selected Topics in Int’l Studies | 3 |
| POLITSC 2150 | Voters & Elections | 3 |

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| **INSTITUTIONS** |
| Course | Title | Hours |
| COMM 2540 | Intro to Communication Technology | 3 |
| COMM 3325 | Intro to Organizational Communication | 3 |
| COMM 3668 | Intercultural Communication | 3 |
| COMM 3443 | Global Media | 3 |
| INTSTD 4800 | Cultural Diplomacy | 3 |
| INTSTD 5800 | International Law | 3 |
| POLITSC 3115 | Intro to the Policy Process | 3 |
| POLITSC 4200 | Politics of Modern Democracies | 3 |
| SOC 2309 | Intro to Law & Society | 3 |

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| **SECURITY** |
| Course | Title | Hours |
| COMM 3330 | Communication & Conflict Management | 3 |
| COMM 3597.02 | Media & Terrorism | 3 |
| INTSTD 3701 | Intro to Homeland Security | 3 |
| INTSTD 4700 | Terror & Terrorism | 3 |
| POLITSC 4318 | Politics of Int’l Terrorism | 3 |
| PSYCH 4525 | Psychology of Personal Security | 3 |

**Major Requirements**

* **Students must have a cumulative OSU GPA of 2.5 or above, earn a B- or above in AVIATN 2100, and receive a C- or above in AVIATN 2000, GEOG 2400 and GEOG 3300 to be eligible for the Air Transportation major with the Professional Pilot Certification Specialization.**
* **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 ASC Honors Faculty Committee.** 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.