

Social Sciences Air Transportation-PRE (B.A)

Air Transportation Major Requires minimum 121 Credit Hours

PRE-MAJOR COURSES (4 Courses)

AVIATN 2000	Intro to the Aviation Industry	3	GEOG 2400	Economic & Social Geography	3
AVIATN 2100	Private Pilot Fundamentals	5	GEOG 3300*	Transportation Security	3

MAJOR CORE COURSES (8 courses)

Course	Title	Hours
AVIATN 2200	Aviation Organization Analysis and Writing	3
AVIATN 2300	Aircraft Performance & Weather	3
AVIATN 3000	Aviation Management & Marketing	3
AVIATN 3200	Aviation Regulations	3

Course	Title	Hours
AVIATN 3300	Aviation Human Factors & Safety	3
AVIATN 4500	Aviation Capstone	3
GEOG 5300*	Geography of Transportation	3
GEOG 5900	Weather, Climate & Global Warming	3

* Indicates course is offered only one term per year.

AVIATION ELECTIVES

For Non-PPC Majors (12 credit hours)

Course	Title	Hours
AVIATN 2101	Private Pilot Flight Lab I	2
AVIATN 2102	Private Pilot Flight Lab II	2
AVIATN 2400*	Fundamentals in Unmanned Aircraft Systems	3
AVIATN 2401*	UAS Ground and Flight Operations	3
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 I	2-5
AVIATN 4193	**Individual Studies in Aviation	3
AVIATN 4200*	Aviation Dispatch Fundamentals	3
AVIATN 4201*	Applied 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

* Indicates course is offered only one term per year.

** Must be approved in advance by Geography Department to apply to major.

For Professional Pilot Certification-PPC (23-25 hrs.)

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 1	2
AVIATN 4102	Commercial Pilot Flight Lab 2	2
AVIATN 4300*	Advanced Multi-Engine Operations	2

Select from the following (4301 OR 5100 & 5101):

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 for degree completion:

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, 2 courses must be from Geography)

GEOG 2200.01	Mapping Our World	3	GEOG 5200	Cartography & Map Design	3
GEOG 3600	Space, Power & Political Geography	3	GEOG 5210	Fundamentals of Geographic Info Systems	3
GEOG 3701	The Making of the Modern World	3	GEOG 5301	Sustainable Transportation	3
GEOG 3702	Life & Death Geographies	3	GEOG 5700	Geography of Development	3
GEOG 3750	Geography of North America	3	GEOG 5802	Globalization & Environment	3
GEOG 3900	Global Climate Change: Causes & Consequences	3	COMM 2367	Persuasive Communication	3
COMM 2331	Strategic Communication Principles	3	COMM 3331	Communication in Decision Making	3
COMM 3545	Human-Computer Interaction	3	INTSTDS 5195	Selected Topics in International Studies	3
POLITSCI 2150	Voters & Elections	3	COMM 2540	Intro to Communication Technology	3
COMM 3325	Intro to Organizational Communication	3	COMM 3668	Intercultural Communication	3
COMM 3443	Global Media	3	INTSTDS 4800	Cultural Diplomacy	3
INTSTDS 5800	International Law	3	POLITSCI 3115	Intro to Policy Process	3
POLITSCI 4200	Politics of Modern Democracies	3	SOC 2309	Intro to Law & Society	3
COMM 3330	Communication & Conflict Management	3	COMM 3597.02	Media & Terrorism	3
INTSTDS 3701	Intro to Homeland Security	3	INTSTDS 4700	Terror & Terrorism	3
POLITSCI 4318	Politics of International Terrorism	3	PSYCH 4525	Psychology of Personal Security	3

GENERAL EDUCATION (NEW) REQUIREMENTS

Requirement	Course Options	Hours
GE Launch Seminar (<i>First Year</i>)	GENED 1201	1
Foundations: Writing and Information Literacy	Student Choice	3
Foundations: Mathematical & Qualitative Reasoning/Data Analysis	MATH 1116 or above	3-5
Foundations: Literacy, Visual, and Performing Arts	Student Choice	3
Foundations: Historical and Cultural Studies	Student Choice	3
Foundations: Natural Sciences	Student Choice	4-5
Foundations: Social & Behavioral Sciences	Student Choice	3
Foundations: Race, Ethnicity, and Gender Diversity	Student Choice	3
Theme: Citizenship for a Diverse and Just World* (<i>required</i>)	Student Choice	4-6
Theme: Second Theme (<i>student chooses one additional theme</i>)	Student Choice	4-6
GE Reflection Seminar (<i>Fourth Year</i>)	GENED 4001	1

* NOTE: See General Education Requirements notes on page 3 for specifications. General education requirements and course options can be found at <https://artsandsciences.osu.edu/advising/general-education-requirements/new-ge-requirements>

COLLEGE OF ARTS AND SCIENCES REQUIREMENTS

Requirement	Course Options	Hours
College Survey (<i>First Semester</i>)	ASC 1100.xx (H)	1
World Language Proficiency**	1101-1103 in any language or equivalent proficiency	0-12

* See College Requirement notes on page 3 for specifications.

DEGREE REQUIREMENT SUMMARY

Requirement Area	Hours
General Education Requirements	34-39
College Requirements	1-13
Major Coursework	33
Open Electives	36
Total Credit Hours (including 39 Upper Division)	Min. 121

Major Requirements

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.

General Education and ASC College Requirements

***Students complete either one 4-credit course or two 3-credit courses in each of two General Education Theme areas:** Citizenship for a Diverse & Just World (required) and from a second theme of the student’s choice from available GE Themes.

****Students must demonstrate proficiency in a language other than English at a level equivalent to 3 semesters of university coursework.** Proficiency may be demonstrated by satisfactory completion of coursework (1101-1103), appropriate testing, or world language validation. Please see <https://cllc.osu.edu/validation-foreign-language-0> and your Academic Advisor for details.

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/>.