

Social Science Air Transportation (Bachelor of Arts)

Requires 121 Minimum Total Credit Hours; GE New Requirements; Choice of Flight or Non-Flight Curriculum. Declared major SP23 and beyond. General education requirements for degree completion can be found at <https://artsandsciences.osu.edu/advising/general-education-requirements>

Major Requirements

Pre-major Required Courses: (4 courses/ 14-15 credit hours)

Course	Title	Hours
AVIATN 2000	Intro to the Aviation Industry	3
AVIATN 2100	Private Pilot Fundamentals	5

Course	Title	Hours
GEOG 2400.01 OR GEOG 2400.02	Economic & Social Geography	3 4
GEOG 3300	Transportation Security	3

Required Major Core Courses: (8 Courses; 26 credit hours)

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 and Safety	3
AVIATN 4500	Aviation Capstone	3
GEOG 5300	Geography of Transportation	3
GEOG 5900	Weather, Climate & Global Warming	3

AVIATION ELECTIVES (Choose Flight or Non-Flight Pathway)

Non-PPC Majors (4 course /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 3600	Business & Corporate Aviation Management	3
AVIATN 3700	Building a Diverse Workforce in Aviation	3
AVIATN 3900	Aircraft Management Systems and Environment	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

For PPC specialization (23-25 credits)

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 path (4301 OR 5101 & 5101):

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

The following courses available, but not required for degree:

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])

Course	Title	Hours
GEOG 2200.01	Mapping Our World	3
GEOG 3350	Aviation Geography	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 3900.01 OR GEOG 3900.02	Global Climate Change: Causes & Consequences	3 4
COMM 2331	Strategic Communication Principles	3
COMM 3545	Human-Computer Interaction	3
POLITSCI 2150	Voters & Elections	3
COMM 3325	Intro to Organizational Communication	3
COMM 3443	Global Media	3
INTSTDS 5800	International Law	3
POLITSCI 4200	Politics of Modern Democracies	3
COMM 3330	Communication & Conflict Management	3
INTSTDS 3701	Intro to Homeland Security	3

Course	Title	Hours
GEOG 5200	Cartography & Map Design	3
GEOG 5210	Fundamentals of Geographic Info Systems	3
GEOG 5301	Sustainable Transportation	3
GEOG 5700	Geography of Development	3
GEOG 5802	Globalization & Environment	3
COMM 2367	Persuasive Communication	3
COMM 3331	Communication in Decision Making	3
INTSTDS 5195	Selected Topics in International Studies	3
COMM 2540	Intro to Communication Technology	3
COMM 3668	Intercultural Communication	3
INTSTDS 4800	Cultural Diplomacy	3
POLITSCI 3115	Intro to Policy Process	3
SOC 2309	Intro to Law & Society	3
COMM 3597.02	Media & Terrorism	3
INTSTDS 4700	Terror & 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 higher	3
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

* 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.

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.

General Education and ASC College Requirements Notations

***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/>.