Earth Sciences - AA-DTA

2023-24

Program map for Earth Sciences Associate in Arts-Direct Transfer Agreement (AA-DTA)

Knowledge about the planet we inhabit, the surrounding universe and the natural forces that impact our world adds value to our daily lives and provides the basis for interesting careers in a broad range of disciplines: astronomy, geology, meteorology and oceanography. Begin studies for an advanced degree leading to positions with government agencies or private industry as an independent consultant, teacher, or researcher.

See also: (lowercolumbia.edu/programs/stem)

- **Degree Requirements for Science, Technology, Engineering and Math programs (lowercolumbia.edu/programs/stem)**
- **Course descriptions in LCC Catalog (lowercolumbia.edu/publications/catalog/courses)**
- **Distribution lists in LCC Catalog (lowercolumbia.edu/publications/catalog/distribution-lists)**

Please note that many course sequences only begin in fall quarter. Please check with your program advisor for more information.

Please review both the "By Quarter Overview" and "Detailed Class Sequence" tabs below.

By Quarter Overview

First Quarter

- COLL 101: College Success 101 (2 credits)
- ENGL& 101: English Composition I (5 credits)
- MATH& 107: Math in Society (5 credits)
- ERSI 104: Introduction to Earth Sciences (5 credits)

Meet with faculty advisor (lowercolumbia.edu/advising/meet-with-advisor)

Apply for FAFSA (lowercolumbia.edu/financial-aid)

Second Quarter

- ENGL& 102: English Composition II (5 credits)
- CMST& 220: Public Speaking (5 credits)
- GEOG 105: Physical Geography (5 credits)

Meet with faculty advisor (lowercolumbia.edu/advising/meet-with-advisor)

Decide on transfer university; research transfer requirements; contact transfer university advisor

Third Quarter

- SPAN& 121: Spanish I (5 credits)
- BIOL& 100: Survey of Biology (5 credits)
- GEOL 118: Historical Geology (5 credits)

Meet with faculty advisor (lowercolumbia.edu/advising/meet-with-advisor)

Fourth Quarter

- ANTH& 100: Survey of Anthropology (5 credits)
- HIST& 126: World Civilizations I (5 credits)
- OCEA& 101: Intro to Oceanography (5 credits)

Meet with faculty advisor (lowercolumbia.edu/advising/meet-with-advisor)

Apply for FAFSA (lowercolumbia.edu/financial-aid)

Contact transfer university advisor
Apply to transfer university

Fifth Quarter

- HIST& 127: World Civilizations II (5 credits)
- SOC& 101: Intro to Sociology (5 credits)
- ENVS 150: Environment and Society (5 credits)

Meet with faculty advisor (lowercolumbia.edu/advising/meet-with-advisor)
Apply for Spring graduation (lowercolumbia.edu/graduation)

Sixth Quarter

- ANTH& 205: Biological Anthropology (5 credits)
- ART 100: Art Appreciation (5 credits)
- GEOL& 208: Geology of the Pacific Northwest (5 credits)

Spring Graduation (lowercolumbia.edu/commencement)

Detailed Class Sequence

1. College Success

COLL 101: College Success 101 (2 credits)

2. Communications Requirement

ENGL& 101: English Comp I (5 credits)

- *Prerequisites: College level reading and writing skills or completion of ENGL 099 or TECH 105 with a grade of C or better.*

3. Quantitative Requirement

MATH& 107: Math in Society (5 credits)

- *Prerequisites: C or better in MATH 97 or MATH 98*

4. Natural Sciences Requirement

ERSI 104: Introduction to Earth Sciences (5 credits)

5. Communications Requirement

ENGL& 102: English Composition II (5 credits)

- *Prerequisite: ENGL& 101*

6. Communications Requirement

CMST& 220: Public Speaking (5 credits)

7. Natural Sciences Requirement

GEOG 105: Physical Geography (5 credits)

8. Humanities Requirement

SPAN& 121: Spanish 1 (5 credits)

9. Natural Sciences Requirement

BIOL& 100: Survey of Biology (5 credits)

10. Elective

GEOL 118: Historical Geology

11. Social Sciences / Diversity Requirement

ANTH&100: Survey of Anthropology (5 credits)

- *Fulfills [DIVR] requirement at WSU*

12. Humanities Requirement

HIST& 126: World Civilization I (5 credits)

13. Elective

OCEA& 101: Intro to Oceanography (5 credits)

14. Social Sciences Requirement

HIST& 127: World Civilization II (5 credits)

15. Social Sciences Requirement

SOC& 101: Intro to Sociology (5 credits)

16. Elective

ENVS 150: Environment and Society (5 credits)

17. Elective

ANTH& 205: Biological Anthropology (5 credits)

18. Humanities Requirement

ART 100: Art Appreciation (5 credits)

19. Elective

GEOL& 208: Geology of the Pacific Northwest (5 credits)

Program Maps for Science, Technology, Engineering and Math (STEM) (lowercolumbia.edu/program-maps/stem)

- **Bioengineering and Chemical Pre-Engineering AS-T (Chemical Option) (lowercolumbia.edu/program-maps/stem/AST-Bioengineering-and-Chemical-Pre-Engineering-Chemical-Option)**
- **Bioengineering and Chemical Pre-Engineering AS-T (Bioengineering Option) (lowercolumbia.edu/program-maps/stem/AST-Bioengineering-and-Chemical-Pre-Engineering-Bioengineering-Option)**
- **Biological Sciences - AS-T (lowercolumbia.edu/program-maps/stem/AST-Biological-Sciences)**
- **Biology - DTA/MRP (lowercolumbia.edu/program-maps/stem/DTA-MRP-Biology)**
- **Chemistry - AS-T (lowercolumbia.edu/program-maps/stem/AST-Chemistry)**
- **Computer Science - AST (lowercolumbia.edu/program-maps/stem/AST-Computer-Science)**
- **Computer Science AS-T (WSU-V) (lowercolumbia.edu/program-maps/stem/AST-Computer-Science-WSU-V)**
- **Computer and Electrical Pre-Engineering - AS-T COMP E EE/MRP (2 year) (lowercolumbia.edu/program-maps/stem/AST-Computer-and-Electrical-Pre-Engineering-2-year)**
- **Computer and Electrical Pre-Engineering - AS-T COMP E EE/MRP (3 year) (lowercolumbia.edu/program-maps/stem/AST-Computer-and-Electrical-Pre-Engineering-3-year)**
- **Earth Sciences - AA-DTA (lowercolumbia.edu/program-maps/stem/AADTA-Earth-Sciences)**
- **Earth Sciences - AS-T (lowercolumbia.edu/program-maps/stem/AST-Earth-Sciences)**
- **Environmental Science - AS-T (lowercolumbia.edu/program-maps/stem/AST-Environmental-Science)**
- **Mechanical, Civil, Aeronautical, Industrial, Materials Science Engineering - AS-T (2 year) (lowercolumbia.edu/program-maps/stem/AST-Mechanical-Civil-Aeronautical-Industrial-Materials-Science-Engineering-2-year)**
- **Mechanical, Civil, Aeronautical, Industrial, and Materials Science Engineering AS-T (3 year) (lowercolumbia.edu/program-maps/stem/AST-Mechanical-Civil-Aeronautical-Industrial-Materials-Science-Engineering-3-year)**
- **Physics - AS-T (lowercolumbia.edu/program-maps/stem/AST-Physics)**
- **Physics - AS-T (Math Transfer Option) (lowercolumbia.edu/program-maps/stem/AST-Physics-Math-Transfer-Option)**