Unpublished

2025-2026

Transfer Guide

East Carolina University
Applied Atmospheric Science, BS

Transfer Guide for Associate in Science

Delivery Method: On-Campus

Program Admission Notes:

To apply to ECU as a transfer student:

- Complete, or have in progress, a minimum of 24 transferable college-level courses
- Have a minimum 2.0 cumulative GPA for all college-level coursework attempted

Contact:

Transfer Admissions
transfer@ecu.edu

Revised: April, 2025

College Level Foreign Language Requirements:

There is no foreign language requirement for this major.

Major-Specific Course Recommendations:

Students are encouraged to build the Community College course recommendations below into the associate degree to best prepare for the intended major.

Recommended CC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
ENG 111: Writing and Inquiry	3	ENGL 1100: Foundations of College Writing	English Composition	Required Course
ENG 112: Writing/Research in the Disc	3	ENGL 2201: Writing About the Disciplines	English Composition	Required Course
MAT 171: Precalculus Algebra	4	MATH 1065: College Algebra & MATH 1XXX: College Algebra	UGETC Math	Required Course
MAT 172: Precalculus Trigonometry	4	MATH 1083: Precalculus & MATH 1XXX: Precalclus Trig	UGETC Math	Required Course

Recommended CC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
PHY 251: General Physics I	4	PHYS 2350: University Physics I	UGETC Natural Sciences	Required Course
PHY 252: General Physics II	4	PHYS 2360: University Physics II	UGETC Natural Sciences	Required Course
MAT 271: Calculus I	4	MATH 2171: Calculus I	Additional General Education Courses	Required Course
MAT 272: Calculus II	4	MATH 2172: Calculus II	Additional General Education Courses	Required Course
MAT 273: Calculus III	4	MATH 2173: Calculus III	Additional General Education Courses	Suggested Course
CHM 151: General Chemistry I	4	CHEM 1150: General Chemistry I & CHEM 1151: General Chemistry I Lab	Elective/Pre-Major Courses	Suggested Course
MAT 285: Differential Equations	3	MATH 3331: Intro Ordinary Different Equat	Elective/Pre-Major Courses	Suggested Course
MAT 152: Statistical Methods I	4	MATH 2283: Statistics for Business & MATH 1XXX	Elective/Pre-Major Courses	Suggested Course

---

Remaining Associate Degree Requirements:

In addition to major-specific course recommendations above, students should work with a community college advisor to select additional community college courses to fulfill the remaining associate degree requirements identified below.

Recommended CC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
Student Choice/No Preference (Approved Course Options)	6	University Equivalencies	UGETC Humanities/Fine Arts	General Education
Student Choice/No Preference (Approved Course Options)	6	University Equivalencies	UGETC Social/Behavioral Sciences	General Education
ACA 122: College Transfer Success	1	COAD 1XXX: College Transfer Success	Academic Transition	Elective
Student Choice/No Preference (Approved Course Options)	3	University Equivalencies	Elective/Pre-Major Courses	Elective

---

Additional Information From East Carolina University:

General Education waiver information, for students completing an AA, AS, AATP, or ASTP, can be found on our Transfer Hub.

ECU does not have a transfer credit limit.

- A minimum of 25 percent of the credit hours required for the degree and at least 50 percent of the total hours required in the major must be completed through enrollment in East Carolina University.

New updates of ECU's Undergraduate Catalog are published in July each year. For the most up to date information, visit https://registrar.ecu.edu.

Remaining Bachelor's Degree Requirements at University:

University Course	Credit Hours	University Course Notes
ATMO 1300: Weather and Climate	3	

University Course	Credit Hours	University Course Notes
ATMO 2510: Physical Meteorol & Thermodyn	3	
ATMO 3230: Global Climates	3	
ATMO 3520: Dynamic Meteorology	3	
ATMO 3550: Prin of Synoptic Meteorology	3	
ATMO 4510: Meteor Instruments and Observ	3	
ATMO 4525: Dynamic Meteorology II	3	
ATMO 4550: Appl Synptc Meteor: Anlys Fore	3	
ATMO 4580: Radar Satellite Meteorology	3	
GEOG 3430: Geographic Info Systems I	3	
GEOG 4999: Geography Professional Seminar	1	
Atmospheric Science Electives	6	Choose from: • ATMO 4520 Boundary Layer Meteorology • ATMO 4530 Micrometeorology • ATMO 4540 Coastal Storms • ATMO 4590 Tropical Meteorology • CHEM 1150 General Chemistry I • CHEM 1151 General Chemistry Laboratory I • CSCI 1010 Algorithmic Problem Solving • CSCI 1011 Algorithmic Problem Solving Lab • GEOL 1550 Oceanography • GEOL 1551 Oceanography Laboratory • GEOL 3800 Earth's Climate: A Geological Perspective • MATH 2283 Statistics for Business
Geography Electives	6	Choose from: • GEOG 2250 Earth Surface Systems

University Course	Credit Hours	University Course Notes
		• GEOG 2350 Climate Change: Science and Society • GEOG 3220 Soil Properties, Surveys, and Applications • GEOG 3240 Biogeography • GEOG 3250 Environmental Hazards • GEOG 4210 Fluvial and Hydrological Processes • GEOG 4220 Coastal Geography • GEOG 4230 Earth Surface Processes • GEOG 4240 Environmental Security • GEOG 4270 Water Resources Management and Planning • GEOG 4320 Gender, Environment, and Development • GEOG 4360 Geographies of Global Climate and Environmental Change • GEOG 4801 Geographic Internship • GEOG 4802 Geographic Internship • GEOG 4803 Geographic Internship • PLAN 4015 Disaster Planning
Geospatial Technologies Electives	6	Choose from: • GEOG 2420 Cartography • GEOG 3420 Remote Sensing of the Environment I • GEOG 3450 Introduction to the Global Positioning System • GEOG 3460 GIS Applications Programming • GEOG 3480 Drone Technology and Applications • GEOG 4150 Advanced Spatial Analysis • GEOG 4410 Advanced Cartographic Design and Production • GEOG 4420 Remote Sensing II • GEOG 4430 Geographic Information Systems II • GEOG 4440 Coastal Applications of GIS • GEOG 4450 GIScience, Society and Technology • GEOG 4460 Digital Terrain Analysis • GEOG 4470 GIS for Conservation
General Electives	0-30	Any electives needed to complete graduation requirements.
PHYS 1251: General Physics Laboratory I	1	Students may take PHY 151 at the community college to satisfy this requirement; however, if deciding to take PHY 251 instead, students will take the lab only at ECU.
PHYS 1261: General Physics Laboratory II	1	Students may take PHY 152 at the community college to satisfy this requirement; however, if deciding to take PHY 252 instead, students will take the lab only at ECU.