Transfer Guide

East Carolina University
Geographic Information Science and Technology, BS

Transfer Guide for Associate in Arts

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

Recommended CC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
MAT 172: Precalculus Trigonometry	4	MATH 1083: Precalculus & MATH 1XXX: Precalclus Trig	Additional General Education Courses	Suggested Course
HEA 110: Personal Health/Wellness	3	HLTH 1000: Health in Modern Society & KINE 1000: Lifetime Phys Act and Fit Lab	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)	9	University Equivalencies	UGETC Humanities/Fine Arts	General Education
Student Choice/No Preference (Approved Course Options)	9	University Equivalencies	UGETC Social/Behavioral Sciences	General Education
Student Choice/No Preference (Approved Course Options)	4	University Equivalencies	UGETC Natural Sciences	General Education
Student Choice/No Preference (Approved Course Options)	9	University Equivalencies	Additional General Education Courses	General Education

Recommended CC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
Student Choice/No Preference (Approved Course Options)	11	University Equivalencies	Elective/Pre-Major Courses	General Education
ACA 122: College Transfer Success	1	COAD 1XXX: College Transfer Success	Academic Transition	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
GEOG 2400: Spatial Data Analysis	3	
GEOG 2420: Cartography	3	
GEOG 3420: Remote Sensing Environment I	3	
GEOG 3430: Geographic Info Systems I	3	
GEOG 3460: GIS Applications Programming	3	
GEOG 4340: GIS for Health Studies	3	

University Course	Credit Hours	University Course Notes
GEOG 4430: Geographic Info Systems II	3	
GEOG 4999: Geography Professional Seminar	1	
Geographic Information System Electives	15	Choose 15 hours from: • GEOG 3450 Introduction to the Global Positioning System • GEOG 3480 Drone Technology and Applications • GEOG 4340 GIS for Health Studies • GEOG 4410 Advanced Cartographic Design and Production • GEOG 4420 Remote Sensing II • GEOG 4440 Coastal Applications of GIS • GEOG 4450 GIScience, Society and Technology • GEOG 4460 Digital Terrain Analysis • GEOG 4470 GIS for Conservation • GEOG 4491 Supervised Study in Geographic Techniques • GEOG 4492 Supervised Study in Geographic Techniques • GEOG 4493 Supervised Study in Geographic Techniques • GEOG 4540 Coastal Storms • GEOG 4580 Radar and Satellite Meteorology • GEOG 4801 Geographic Internship • GEOG 4802 Geographic Internship • GEOG 4803 Geographic Internship
Environmental and Human Geography Electives	12	Choose 12 hours, at least 3 hours must be above 2999, from: • GEOG 1000 - People, Places, and Environments • GEOG 1250 - Water in the Environment • GEOG 1300 - Weather and Climate • GEOG 2003 - Geography of the Global Economy • GEOG 2019 - Geography of Recreation • GEOG 2250 - Earth Surface Systems • GEOG 2300 - Environment and Society • GEOG 2350 - Climate Change: Science and Society • GEOG 2510 - Physical Meteorology and Thermodynamics • GEOG 3001 - Historical Geography of the United States • GEOG 3003 - Political Geography • GEOG 3004 - Urban Geography • GEOG 3025 - Racial Geographies • GEOG 3049 - Latin America • GEOG 3050 - Africa

University Course	Credit Hours	University Course Notes
		- GEOG 3051 - Asia - GEOG 3055 - North Carolina - GEOG 3220 - Soil Properties, Surveys, and Applications - GEOG 3230 - Global Climates - 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 4250 - Environmental Impact Analysis - GEOG 4270 - Water Resources Management and Planning - GEOG 4310 - Geography of Transportation and Trade - GEOG 4315 - Geographic Images - GEOG 4320 - Gender, Environment, and Development - GEOG 4325 - Resources, Population, and Development - GEOG 4330 - Agricultural Geography - GEOG 4335 - Geography of Tourism - GEOG 4345 - Human Migration and Global Restructuring - GEOG 4360 - Geographies of Global Climate and Environmental Change - GEOG 4510 - Meteorological Instruments and Observations - GEOG 4530 - Micrometeorology - GEOG 4590 - Tropical Meteorology - GEOG 5281 - Selected Topics in Physical Geography - GEOG 5282 - Selected Topics in Physical Geography - GEOG 5283 - Selected Topics in Physical Geography - GEOG 5393 - Seminar in Human Geography - PLAN 1900 - Sustainable Cities - PLAN 2030 - Global Cities - PLAN 3020 - Environmental Planning
Cognates	9	Choose 9 hours from: - CSCI 1000 - Explorations in Computing - CSCI 1010 - Algorithmic Problem Solving - CSCI 1011 - Algorithmic Problem Solving Lab - CSCI 2400 - Discrete Structures I - CSCI 2405 - Discrete Structures II - CSCI 3700 - Database Management Systems - ICTN 1500 - Information and Cybersecurity Technology Fundamentals

University Course	Credit Hours	University Course Notes
		• ICTN 1501 - Information and Cybersecurity Technology Fundamentals Laboratory • ICTN 2150 - Network Fundamentals • ICTN 2154 - Digital Communication Systems • ICTN 2155 - Digital Communication Systems Laboratory • ICTN 2158 - Computer Networking Technology • ICTN 2159 - Computer Networking Technology Laboratory • ICTN 2510 - Network Environment I • ICTN 2511 - Network Environment I Laboratory • ICTN 2530 - Network Environment II • ICTN 2531 - Network Environment II Laboratory • ICTN 2900 - Fundamental Network Security • ICTN 2901 - Fundamental Network Security Laboratory • ICTN 3540 - Network Environment III • ICTN 3541 - Network Environment III Laboratory • MATH 1083 - Introduction to Functions (MAT 172) • MATH 2119 - Elements of Calculus (MAT 263)
Minor and/or Electives	0-30	Minor and/or other electives needed to complete graduation requirements (120 hours).