



SCIENCE, ENGINEERING & MATH

Program Description: The Associate of Science in Environmental Studies provides students with the general education courses normally taken in the first two years at a four-year college or university and a flexible plan from which the student can choose a variety of introductory science courses as part of an interdisciplinary or environmental science program.

To receive an Associate of Science in Environmental Studies, students must: (a) make a minimum grade of C in all required math and science courses and (b) have an overall GPA of 2.0 or greater.

Contact:

Dr. Mark Shepherd
Department Chair
mark.shepherd@austincc.edu
512-223-7175

Department Website
sites.austincc.edu/ees

Use this **Program MAP** to choose courses with your advisor and track progress towards milestones and completion of program.

Pre-Degree Requirements		
Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
	<input type="checkbox"/> Basic Developmental Courses <input type="checkbox"/> ESOL Courses <input type="checkbox"/> INRW Courses	<input type="checkbox"/> NCBM and MATD courses paired with MATH courses <input type="checkbox"/> NCBM and MATD courses
SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS		
<i>Plans can be modified to fit the needs of part-time students by adding more semesters</i>		

Semester 1	CR	Advising Notes
EDUC 1300 – Effective Learning: Strategies for College Success	3	
ENGL 1301 – English Composition I	3	
Language, Philosophy, and Culture	3	Select from appropriate section of the Core Curriculum Course List.
HIST 1301 – United States History I	3	
ENVR 1301 – Introduction to Environmental Science	3	
	15	Program Semester Hours / Meet with your advisor
Semester 2		
ENGL 1302 – English Composition II	3	
HIST 1302 – United States History II	3	
MATH 1342 – Elementary Statistics	3	
ENVR 1302 – Issues in Environmental Science	3	
Oral Communication	3	Select a speech course from the Component Area Option section of the Core Curriculum Course List.
	15	Program Semester Hours / Meet with your advisor
Semester 3		
ECON 2301 – Principles of Macroeconomics OR ECON 2302 – Principles of Microeconomics	3	
GOVT 2305 – United States Government	3	
Social and Behavioral Sciences	3	Select from the appropriate section of the Core Curriculum Course List.
Life and Physical Sciences	4	Life and Physical Sciences courses must have one of the following prefixes: BIOL, CHEM, GEOL, or PHYS. Students should be guided by their special interests (e.g., oceanography, environmental engineering) and by the requirements of the four-year college to which they plan to transfer.
Language, Philosophy, and Culture	3	Select from the appropriate section of the Core Curriculum Course List.
	16	Program Semester Hours / Meet with your advisor

Semester 4		
Creative Arts	3	Select from the appropriate section of the Core Curriculum Course List.
GEOL 1403 – Physical Geology	4	
GOVT 2306 – Texas State and Local Government	3	
Life and Physical Sciences	4	Life and Physical Sciences courses must have one of the following prefixes: BIOL, CHEM, GEOL, or PHYS. Students should be guided by their special interests (e.g., oceanography, environmental engineering) and by the requirements of the four-year college to which they plan to transfer. ACHIEVEMENT: Associate of Science degree in Environmental Studies
	14	Program Semester Hours
Total Program Hours		60

Please always check online at austincc.edu/catalog or meet with your academic or program advisor to ensure that you are viewing the latest and most accurate information.

Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

www.austincc.edu/career

www.austincc.edu/transfer

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

Program Map

Environmental Studies

Degree: Associate of Science (AS) in Environmental Studies

Career & Transfer Resources Updated 8/18/17

Transfer Information

The Associate of Science in Environmental Studies provides a transfer pathway to a 4-year institution where students can earn a bachelor's degree. Students are strongly encouraged to select a transfer destination by the time they have completed 24 semester credit hours.

Common majors students pursue at a 4-year institution include: Environmental Science, Environmental Studies, Environmental Science and Policy, Environmental Science and Conservation

Transfer Guides: *The universities listed here do not constitute an ACC endorsement. Transfer course evaluations and determination of what courses will count toward a bachelor's degree are made by the receiving transfer institution.*

Texas State University: <http://www.admissions.txstate.edu/future/transfer/tpg.html>

The University of Texas at Austin: <https://admissions.utexas.edu/apply/transfer-resources/acc-transfer-guides>

Texas A&M University: <http://admissions.tamu.edu/transfer/majors>

Concordia University -Texas: <http://www.concordia.edu/academics/school-of-natural-and-applied-sciences/environmental-science-and-conservation/degree-requirements.html>

St. Edward's University: <https://www.stedwards.edu/undergraduate/environmental-science-and-policy>

Huston-Tillotson University: <http://htu.edu/academics/colleges/cas/dept-of-natural-sciences-mathematics/environmental-studies-2>

The University of Texas at San Antonio: https://www.utsa.edu/advise/1617_transfer/acc.html

Additional Transfer Resources: ACC's transfer website provides information on additional colleges & universities:

<http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, [area of study advisor](#), and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.

Career Information

Common Job Titles

Environmental Scientists and Specialists, Environmental Analyst, Environmental Health and Safety Specialist, Environmental Programs Specialist, Environmental Protection Specialist, Environmental Scientist, Environmental Specialist, Hazardous Substances Scientist, Registered Environmental Health Specialist (REHS), Fish and Game Wardens, Forest and Conservation Technicians
Many career opportunities in this field require completion of a bachelor's degree or higher.

Regional Labor Market Information

Environmental Scientists and Specialists: New workers generally start around \$47,665. Normal pay for Environmental Scientists and Specialists, Including Health is \$71,081 per year, while highly experienced workers can earn as much as \$124,615. Over the last year, 52 companies have posted 294 jobs for Environmental Scientists and Specialists, Including Health in this region. There are currently 587 Environmental Scientists and Specialists, Including Health that are employed in Austin-Round Rock, TX.

Source: <https://austincc.emsicc.com/careers/environmental-scientist-and-specialist-including-health>

Environmental Science and Protection Technicians: New workers generally start around \$27,670. Normal pay for Environmental Science and Protection Technicians, Including Health is \$40,046 per year, while highly experienced workers can earn as much as \$50,737. Over the last year, 80 companies have posted 368 jobs for Environmental Science and Protection Technicians in this region. There are currently 509 Environmental Science and Protection Technicians that are employed in Austin-Round Rock, TX.

Source: <https://austincc.emsicc.com/careers/environmental-science-and-protection-technician-including-health/wages>

Career and labor market research tools (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O*NET: <https://www.onetonline.org/>

Career Resources: ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.