

WTAMU ADVISING SERVICES – 2025-2026 Curriculum Guide

Major: Environmental Sci./Geology Emphasis, B.S.

Major Code: 105

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE 30 (Life & Phys. Sci.) – GEOL 1404 Historical Geology	3
CORE 20 (Mathematics) – MATH 1316 or 2412 (1314 if needed) Fourth hour of MATH 2412, if taken, will count towards Core 90.)	3	CORE 90 (Component Area Option) – GEOL 1404L	1
CORE 30 (Life & Phys. Sci.) – GEOL 1403 Physical Geology	3	CORE 90 (Component Area Option) – ENGL 1302 or 2311	3
CORE 90 (Component Area Option) – GEOL 1403L	1	BIOL 1406/1406L or 1411/1411L (if Core 20 is completed)	4
CORE 60 – See checklist for options ¹	3	CORE 40 – See checklist for options ¹	3
Total:	13	Total:	14
Year 2: Fall		Year 2: Spring	
Environmental Science/Geology Core (see checklist for required courses)	3-4	CHEM 1412/1412L Chemistry II	4
CORE 30 (Life & Phys. Sci.) BIOL 1407/1407L or BIOL 1413/1413L	4	PHYS 1401/1401L General Physics I	4
CHEM 1411/1411L Chemistry I	4	Environmental Science/Geology Core	3-4
CORE 60 – See checklist for options ¹	3	CORE 10 – COMM See checklist for options ¹	3
CORE 70 – POSC 2305	3	CORE 70 - POSC 2306	3
Total:	17-18	Total:	17-18
Year 3: Fall		Year 3: Spring	
Environmental Science/Geology Core	5	Environmental Science/Geology Core	3-4
Environmental Science/Geology Core	3	Environmental Science/Geology Core	3-4
Environmental Science/Geology Core	3-4	Environmental Science/Geology Core	3-4
Advanced Elective	3-5	Environmental Science/Geology Core	3-4
CORE 50– See checklist for options ¹	3	CORE 80 – See checklist for options ¹	3
Total:	17-18	Total:	15-18
Year 4: Fall		Year 4: Spring	
Environmental Science/Geology Core	3-4	Environmental Science/Geology Core	3-4
Environmental Science/Geology Core	3-4	Environmental Science/Geology Core	3-4
Environmental Science/Geology Core	3-4	Environmental Science/Geology Core	3-4
Environmental Science/Geology Core	3	Elective if needed	3-4
Elective if needed	3-4		
Total:	15-18	Total:	12-16

¹ CORE: Civil Engineering majors are required to take specific courses for Core 20, Core 30, and Core 90. For all other categories, they may select from any available options (see degree checklist). Apart from the major-specific core requirements, there is no set order in which core courses must be taken.

Identified Marketable Skills	Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities

Additional notes:

- The core curriculum must total exactly 42 hours; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements. Some majors specify particular courses to meet core curriculum requirements when options are available.
- At least 36 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU. A maximum of six semester hours in religion (RELI) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.