

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (!) must be completed in the semester listed to ensure a timely graduation.

| Critical | Course Subject and Title | Credit Hours | Min. Grade | Major GPA | Attribute | Notes |
|--------------------------------------|--|--------------|----------------|-----------|------------|-------|
| Semester One [15 Credits] | | | | | | |
| | GEOL 11040 How the Earth Works | 3 | | ■ | KBS | |
| | GEOL 11041 How the Earth Works Laboratory | 1 | | ■ | KBS | |
| | US 10097 Destination Kent State: First Year Experience ¹ | 1 | | | | |
| | Foreign Language ² | 4 - 5 | | | | |
| | Kent Core Requirement | 3 | | | | |
| | Kent Core Requirement | 3 | | | | |
| Semester Two [14 Credits] | | | | | | |
| | GEOL 11042 Earth and Life Through Time | 3 | | ■ | KBS | |
| | GEOL 11043 Earth and Life Through Time Laboratory | 1 | | ■ | KBS | |
| | BSCI 10002 Life on Planet Earth or BSCI 10110 Biological Diversity | 3-4 | | ■ | KBS KBS | |
| | Foreign Language ² | 4 - 5 | | | | |
| | Kent Core Requirement | 3 | | | | |
| Semester Three [16 Credits] | | | | | | |
| | CHEM 10060 General Chemistry I | 4 | | ■ | KBS | |
| | CHEM 10062 General Chemistry I Laboratory | 1 | | ■ | KBS | |
| | GEOL 22000 Introductory Geology Seminar | 1 | | ■ | ELR | |
| | GEOL 23063 Earth Materials I | 4 | | ■ | | |
| | Kent Core Requirement | 3 | | | | |
| | Kent Core Requirement | 3 | | | | |
| Semester Four [14 Credits] | | | | | | |
| | CHEM 10061 General Chemistry II | 4 | | ■ | KBS | |
| | CHEM 10063 General Chemistry Laboratory II | 1 | | ■ | KBS | |
| | GEOL 31070 Earth Materials II | 4 | | ■ | | |
| | MATH 12002 Analytic Geometry and Calculus I | 5 | | ■ | KMC | |
| Semester Five [14 Credits] | | | | | | |
| | GEOL 32066 Geomorphology | 4 | | ■ | | |
| | GEOL 34061 Invertebrate Paleontology | 4 | C ³ | ■ | WIC | |
| | GEOL 42035 Scientific Methods in Geology or MATH 30011 Basic Probability and Statistics | 3 | | ■ | | |
| | Kent Core Requirement | 3 | | | | |
| Semester Six [15 Credits] | | | | | | |
| | GEOL 31080 Structural Geology | 4 | | ■ | | |
| | GEOL 43040 Principles of Geochemistry | 3 | | ■ | | |
| | PHY 13001 General College Physics I | 4 | | ■ | KBS | |
| | PHY 13021 General College Physics Laboratory I | 1 | | ■ | KBS | |
| | Kent Core Requirement | 3 | | | | |
| Third Summer Term [6 Credits] | | | | | | |
| | GEOL 41092 Summer Field Camp | 6 | | ■ | ELR | |
| Semester Seven [13 Credits] | | | | | | |
| | Environmental Geology Concentration Electives ⁴ | 6 | | ■ | | |
| | General Electives ⁵ | 7 | | | | |
| Semester Eight [13 Credits] | | | | | | |
| | GEOL 44070 Sedimentology and Stratigraphy | 4 | | ■ | | |
| | Environmental Geology Concentration Electives ⁴ | 3-4 | | ■ | | |
| | General Electives ⁵ | 6 | | | | |

Graduation Requirements Summary

| Minimum Total Hours | Minimum Upper-Division Hours 30000 – 40000 level course | Minimum Kent Core Hours | Minimum | |
|---------------------|--|-------------------------|-----------|-------------|
| | | | Major GPA | Overall GPA |
| 120 | 42 | 36 | 2.000 | 2.000 |

1. US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment credit) or students age 21+ at time of admission
2. Fulfills College General Requirement.
3. A minimum C (2.000) grade must be earned in GEOL 34061 to fulfill the writing-intensive requirement.
4. Environmental Geology Concentration Electives (9-10 credits)

| Choose from the following: | |
|---|--|
| GEOL 42030 Remote Sensing (3) | GEOL 42067 Introductory Hydrogeology (3) |
| GEOL 42068 Contaminant Hydrology and Hydrogeology (3) | GEOL 42074 Environmental Core and Well Logging (3) |
| GEOL 42078 Engineering Geology (4) | GEOL 43042 Environmental Geochemistry (3) |
| GEOL 43044 Environmental Isotopes (3) | |

5. Minimum 1 upper division credit hour. Credits required depend on meeting minimum 120 credit hours and minimum 42 upper-division credit hours.

University Requirements: Bachelor's degree-seeking students must meet Kent Core (general education requirements), diversity, writing-intensive and experiential learning requirements. For more information about these requirements, please read the following sections in the University Catalog: Kent Core – www.kent.edu/catalog/kent-core; Diversity Course Requirement – www.kent.edu/catalog/diversity; Writing-Intensive Course Requirement – www.kent.edu/catalog/wic; Experiential Learning Requirement – www.kent.edu/catalog/elr.

Attribute Legend: **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts; **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive