

At New Mexico Tech, students majoring in Earth and Environmental Science can take a variety of introductory CSE (Computer Science and Engineering) courses to enhance their computational skills. Here are some options:

1. **CS 111 - Computer Science Principles:** This course covers fundamental concepts in computing and programming. It's a good starting point for students who have no prior experience in programming.
2. **CS 113 - Introduction to Programming:** A more focused course on programming, typically using a language like Python or C++. It covers basic programming concepts, problem-solving, and algorithm development.
3. **CS 117 - Introduction to Computer Science:** This course dives into programming, algorithms, and data structures, providing a solid foundation for further studies in computer science.
4. **CS 122 - Algorithms and Data Structures:** While slightly more advanced, this course is crucial for understanding how to efficiently store, manipulate, and analyze data, which can be particularly useful in Earth and Environmental Science research.
5. **ES 110 - Introduction to Environmental Systems:** Although not strictly a CSE course, this interdisciplinary course often includes computational methods and modeling relevant to environmental systems, which can complement the CSE courses.

These courses will help Earth and Environmental Science majors develop the computational skills necessary for data analysis, modeling, and research in their field