# STEM Education - Secondary Certificate

| Code | Title | Credits |
|---|---|---|
| **Required Course** | | |
| STEM ED 411 | STEM Curriculum and Methods | 3 |
| **Electives** | | |
| Select 9-10 hours from the following: | | 9-10 |
| STEM ED 331 | Innovation and Engineering Design | |
| STEM ED 431 | Design for Engineering | |
| STEM ED 450 | Engineering the Future Using Computational Thinking | |
| TECH 161 | Technology, Engineering, and Design | |
| TECH 325 | Technology and Engineering I | |
| TECH 330 | Technology and Engineering II | |
| **Total Credits** | | **12-13** |

*Coursework for the certificate will also meet the requirements for a North Dakota STEM Education Endorsement.  Graduates must apply through the North Dakota Educational Standards and Practices Board.