



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.