

## Timetable for STEM Endorsement Classes - Elementary Education

Fall	Winter	Spring	Course	Credits
<b>Astronomy</b>				
F	W		103 Introduction to Astronomy [Prerequisite: MATH 107 or higher or suitable math assessment score]	4
		S	113 Sun, Moon, and Planets [Prerequisite: MATH 107 or higher or suitable math assessment score]	3
<b>Biology</b>				
F	W	S	204 Intro to Evolution, Ecology & Biodiversity Lecture/Lab [Prerequisite: CHEM 161 (or concurrent)]	5
F	W	S	205 Intro to Cell/Molecular Biology Lecture/Lab [Prerequisite: BIOL 204; CHEM 162 (or concurrent)]	5
F	W	S	206 Intro to Organismal Biology [Prerequisite: BIOL 205; CHEM 162/176; CHEM 163/225 (or concurrent)]	5
<b>Chemistry</b>				
F	W	S	161 General CHEM I Lecture/Lab [Prerequisite: Math 114 (or higher) or equivalent math placement test score]	5
F	W	S	162 General CHEM II Lecture/Lab [Prerequisite: CHEM 161]	5
F	W	S	163 General CHEM III Lecture/Lab [Prerequisite: CHEM 162]	5
<b>Geology</b>				
F	W	S	211A Physical Geology Review [Prerequisite: GEOL 101 or SCED 202 with a grade of B- or better; MATH 114 with concurrency or higher or suitable math assessment score]	2
F	W	S	211 Physical Geology [Prerequisite: MATH 114 with concurrency or higher or suitable math assessment]	5
F	W	S	212 Historical Geology [Prerequisite: GEOL 211 or GEOL 211A; and MATH 114 or higher]	4
F			252 The Earth and its Weather [Prerequisite: GEOL 101, CHEM 101 or PHYS 101]	4
F	W	S	306 Minerology [Prerequisite: GEOL 211 or GEOL 211A; CHEM 161; CHEM 162 or higher or concurrent]	4
	W	S	311 Earth Materials [Prerequisite: GEOL 211 or GEOL 211A; CHEM 161 or higher]	5
		S	340 Geological Oceanography [Prerequisite: GEOL 101 and GEOL 211A; or GEOL 211 or SCED 202]	3
F	W		406 Igneous and Metamorphic Petrology [Prerequisite: GEOL 306; CHEM 161; CHEM 162 or equivalent or higher; CHEM 163 or equivalent or higher with concurrency]	5
<b>Math</b>				
F	W	S	114 Precalculus I [Prerequisite: MATH 112 with a C- or better or suitable math assessment score]	5
F	W	S	115 Precalculus II [Prerequisite: MATH 114 with a C- or better at Western]	5
F	W	S	124 Calculus & Analytic Geometry Lecture [Prerequisite: see catalog] ~AND~	5
F	W	S	125 Calculus & Analytic Geometry Lecture [Prerequisite: MATH 124] ~OR~	5
F			134 Calculus I, Honors [Prerequisite: see catalog] ~AND~	5
	W		135 Calculus II, Honors [Prerequisite: MATH 124 or MATH 134, and permission of instructor] ~OR~	5
F			138 Accelerated Calculus [Prerequisite: see catalog]	5
F	W	S	204 Elementary Linear Algebra [Prerequisite: MATH 125 or 135; MATH 224 recommended] ~AND~	4

