

## Licensed Minors

### Communication Arts and Literature 18 credits

ENG1303	Rhetoric and Composition ( <i>Fulfills the General Education English – CAL requirement</i> )	3
ENG130x	<u>Literature Seminar</u> - Choose one ( <i>Fulfills the General Education English – CAL requirement</i> )	3
	ENG1304 Literature Seminar: The Challenge of Faith	
	ENG1305 Literature Seminar: Family and Identity	
	ENG1307 Literature Seminar: The Hero's Journey of Discovery	
ENG3010	American Minority Writers ( <i>Fulfills the General Education Intercultural elective</i> )	3
ENG3310	Interpersonal Communication ( <i>Fulfills the General Education English – CAL requirement</i> )	3
EDU3310	Adolescent Literature	3
ENG3322	Structure of English	3
<b>Required Field Experience:</b> EDU4270 Student Teaching Communication Arts & Literature in Middle Schools		

### Mathematics 17 credits

EDU3247	Teaching Mathematics in Pre-K - 8th Grade ( <i>Elementary Education major requirement</i> )	1
EDU4210	Curriculum & Instruction in Elementary & Middle Schools ( <i>Elementary Education major requirement</i> )	3
MTH2004	Math for Educators I ( <i>Elementary Education major requirement</i> )	2
MTH2005	Math for Educators II ( <i>Elementary Education major requirement</i> )	2
MTH2010	Calculus 1 - <b>Note: High school pre-calculus required</b> ( <i>Fulfills the General Education Math requirement</i> )	3
MTH2020	Elementary Statistics ( <i>Fulfills the General Education Math requirement</i> )	3
MTH2022	Discrete Mathematics ( <i>Fulfills the General Education Math requirement</i> )	3
<b>Required Field Experience:</b> EDU4271 Student Teaching Mathematics in Middle Schools		

### Science 18 credits

EDU3241	Teaching Science Concepts ( <i>Elementary Education major requirement</i> )	3
SCI1003	Biology & SCI1004 Lab ( <i>Fulfills the General Education Science requirement</i> )	3
SCI1102	Physical Science ( <i>Elementary Education major requirement</i> )	3
SCI2025	General Chemistry I	3
SCI4105	Science in Our Society	3
SCIxxxx	<u>Life Science Elective</u> - Choose one	3
	SCI2015 Botany	
	SCI3003 Zoology	
<b>Required Field Experience:</b> EDU4272 Student Teaching Science in Middle Schools		

### Social Studies (*Currently a non-licensable minor for students new to the program; awaiting continued state approval.*) 18 credits

HIS2112	Rise of the West	3
HIS2113	The Modern West	3
HIS2001	US History I ( <i>Fulfills the General Education History-Social Science requirement</i> )	3
HIS3011	US History II ( <i>Fulfills the General Education History-Social Science requirement</i> )	3
SSC2001	Social Studies I	3
SSC3210	World Regional Geography	3
<b>Required Field Experience:</b> EDU4273 Student Teaching Social Studies in Middle Schools		

### Spanish 21 credits

EDU3357	Teaching World Languages & Culture ( <i>Fulfills the General Education Intercultural elective</i> )	3
SPN2001	Intermediate Spanish I	3
SPN2002	Intermediate Spanish II	3
SPN2011	Intermediate Spanish III	3
SPN3001	Latin-American Culture & Civilization	3
SPN4011	Spanish Immersion ( <i>taken during summer session</i> )	6
<b>Required Field Experience:</b> EDU4274 Student Teaching Spanish in Middle Schools		

### Computer, Keyboard, and Related Technology 15 credits

EDT2002	Emerging Technologies in Education	3
EDT3003	Instructional Technology	2
EDT3005	Enhancing the Curriculum with Technology	3
EDT3008	Introduction to Educational Technology Leadership	2
EDT3009	Advanced Instructional Technology	2
EDU4210	Curriculum & Instruction in Elementary & Middle Schools ( <i>Elementary Education major requirement</i> )	3
<b>Required Field Experience:</b> EDU4275 Student Teaching Educational Technology in Middle Schools		