

**Sample Course Sequence for Elementary Education with Math Dual Major**

First Semester		Second Semester		FRESHMEN
Teaching: An Intro to the Prof	3	Intro to Symbolic Logic	3	
College Comp I	3	College Comp II	3	
Intro to Scientific Programming	3	Calculus II	4	
Characteristics of Know. Acq.	3	Literacies in Today's World *	3	
Calculus I	4	Discrete Math	3	
	<b>16</b>		<b>16</b>	<b>32</b>
Third Semester		Fourth Semester		SOPHOMORE
Teaching in Learning Comm. I	2	Teaching in Learning Comm. II	2	
Human Exceptionality	3	Educational Technology	1	
Physics I (Calc)	4	Linear Algebra	3	
Public Speaking	3	Physics II (Calc)	4	
Calculus III	4	Teaching Literacy	3	
Health and Wellness	3	Child Development	3	
		Ord. Differential Equations	3	
	<b>19</b>		<b>19</b>	<b>38</b>
Fifth Semester		Sixth Semester		JUNIOR
Inquiry & Discovery in Elem Class	3	Math Pedagogy for Elem Teachers	2	
Practicum Assessment in Elem Class	1	Practicum in Math & Literacy	1	
Differentiated Instruction in the Inclusive Classroom	2	Differentiated Literacy Instruction	2	
Artistic/Creative Experience Elective	3	History of American Education	3	
Geography of U.S. & Canada	3	Intro Real Analysis I	3	
Modern Algebra I	3	Introduction Prob & Stat I	3	
Us History to 1865 or Since 1865	3	Sociology of Education	3	
	<b>18</b>		<b>17</b>	<b>35</b>
Seventh Semester		Eighth Semester		SENIOR
Math Senior Seminar	3	Clinical Practice in Elem Ed	<b>10</b>	
Restricted Math Elective	3	Clinical Practice Seminar in Elem Ed	1	
English Literature Course	3	Teaching Students of Linguistic & Cultural Diversity	1	
College Geometry	3	Tech Tools for Discovering Math	2	
Non-Lab Biology Elective	3			
	<b>16</b>		<b>14</b>	<b>32 135- 136</b>

**COURSES MAY BE TAKEN DURING THE SUMMER TO LIGHTEN THE COURSE LOAD DURING ANY SEMESTER NOTING 17 SH OR MORE. IF YOU CHOOSE TO DO THIS, COURSES MUST BE TAKEN AT LEAST A SUMMER BEFORE THE SEMESTER IN WHICH THEY ARE LISTED AND MUST BE APPROVED BY BOTH ADVISORS**