


## Webster University School of Education Department of Teacher Education Program of Study

STUDENT NAME	<b>BA in Education Secondary Mathematics</b>		BEST EMAIL
STUDENT ID	Advisor/Date		BEST TELEPHONE
FALL	SPRING		SUMMER
<b>Learning Community:</b> <ul style="list-style-type: none"> <li>● GLBC 1200 Schools of Today</li> <li>● EDUC 2110 Communication in Ed <b>SSHB/OCOM</b></li> <li>● EDUC 2300 Child &amp; Adolescent Dev <b>SSHB/INTC</b></li> <li>● EDEX 1500 Webster 101 (1)</li> </ul> EDUC 3440 Instructional & Adaptive Learning Technologies: Digital Pedagogy (1) <b>MATH 1610 Calculus I (5) QL</b> <b>(16)</b>	<b>MATH 1620 Calculus II (5)</b> <i>BIOL, CHEM, PHYS or SCIN coded PNW</i> <i>HIST 1300/1310/1320 U.S. History ROC/CRI</i> <i>EDUC 3100 Learning, Teaching and Assessment</i> <i>EDUC 2140 Writing for Teachers WCOM</i> <b>(17)</b> <b>Begin Passport 1</b>		<u>GCP Knowledge Area Codes</u> ROC= Roots of Culture (need 2) SSHB= Social Systems & Human Beh (need 2) PNW= Physical & Natural World GLBL= Global Understanding ARTS= Arts Appreciation QL= Quantitative Literacy
FALL	SPRING		SUMMER
<b>MATH 3000 Calculus III (5)</b> <i>EDUC 2800 Foundations of Education SSHB/CRI</i> <i>EDUC 2000 Beginning Practicum (1)</i> <i>POLT 1060 Intro to American Politics SSHB/CRI</i> <i>EDUC 2900 Education of Students w/Exceptionalities</i> <i>Course coded for ETH</i>  <b>(15)</b> Take MoGEA (or ACT ≥ 20)	EDUC 3900 Mthds of Tchg Rdg/Wrtg in Content Areas <b>MATH 3040 Differential Equations</b> <b>MATH 2450 Intro to Abstract Math</b> COSC 1550 Computer Programming I **MATH Area course from list EDUC 3225 Passport I (0) <b>(15)</b> Apply for ENTRANCE TO TEACHER CERT <b>Pass Passport 1 Begin Passport 2</b>		<u>GCP Skills Codes</u> CRI= Critical Thinking ETH= Ethical Reasoning INTC= Intercultural Competence OCOM= Oral Communication WCOM= Written Communication (need 2)
FALL	SPRING		SUMMER
POSSIBLE SEMESTER FOR STUDY ABROAD  <b>PHYS 2030/2031 Physics w/ lab PNW (4)</b> <i>Course coded for GLBL</i> <i>Course coded for ARTS</i> <i>Course coded for ROC/WCOM</i>  <b>(13)</b>	EDUC 3500 Methods of Secondary School Teaching **MATH Area course from list <b>MATH 2410 Discrete Math/MATH 3500 Algebraic Structures</b> <b>MATH 3530 Modern Geometry</b> Keystone Seminar EDUC 4695 Differentiated Rdg Assess & Intervention <b>(18)</b> Apply for PRACTICUM* Meet with Field Experience Coordinator		<ul style="list-style-type: none"> <li>❖ Courses in <i>Italics</i> can be taken at another University or College, may not meet both GCP requirements</li> <li>❖ Courses in <b>Bold</b> must be taken in the season in which they are listed</li> <li>❖ Check <a href="#">DESE matrix</a> for course substitutions and content electives</li> </ul>
FALL	SPRING		
EDUC 3375 Behavior Management EDUC 4435 Inclusive Practices EDUC 3006 Practicum: Secondary Mathematics <b>MTHT 4460 Methods of Secondary Mathematics</b> **MATH Area course from list **MATH Area course from list EDUC 3275 Passport II (0) <b>(18)</b> Pass MoCA <b>Pass Passport 2</b> Apply for APPRENTICE TEACHING*	EDUC 4970 Apprentice Teaching: Secondary Math (13) EDUC 4000 Apprentice Teaching Seminar (1) <b>(14)</b>  Submit PETITION TO GRADUATE at the beginning of the semester		

**\*Applications are due by September 15 for a Spring placement and by February 15 for a Fall placement**

ROC	ROC	SSHB	SSHB	PNW	GLBL	ARTS
QL	CRI	ETH	INTC	OCOM	WCOM	WCOM

**\*\*12 hours from 3 areas of mathematics out of these 7:** 1)MATH 3050 History of Mathematics; 2)MATH 3130 Structure of the Real Number System; 3)MATH 3300 Number Theory; 4)Completion of Calculus Sequence MATH 3040 Differential Equations or MATH 3070 Calculus IV; 5)MATH 2200 Statistics or MATH 3210 Data Mining or MATH 3610

Probability or STAT 3100 Inferential Statistics; 6)COSC 1560 Computer Science II; 7)MATH 3160 Linear Algebra 2020SAJ