

# EWU SECONDARY ED MATH PLAN (2016-17)

Name \_\_\_\_\_ SID \_\_\_\_\_ Date \_\_\_\_\_ Counselor \_\_\_\_\_

<sup>1</sup>When examples (EX) are used, students may choose **ANY COURSE** from that area of **AA-DTA WORKSHEET**. See entire selection on the AA-DTA worksheet attached.

<sup>2</sup> only 5 cr. required for **“W”** (writing intensive)

<sup>3</sup>5cr of **“D”** Diversity is required. Other options are available. CMST 227 also meets a Humanities requirement.

<sup>4</sup> By taking POLS 125, students meet international relations requirement at EWU. Other options are available.

<sup>5</sup>Only offered this quarter

**A 2.8 or higher cumulative GPA is required for the EWU Education Program**

*With careful planning and coordination with your college Counselor, the completion of your AA-DTA, allows you to pursue your Bachelor’s Degree at a four-year college or university, having completed most if not all of the general university requirements, along with many courses toward your major*

Summer \_\_\_\_\_ Fall \_\_\_\_\_ Winter \_\_\_\_\_ Spring \_\_\_\_\_

	<b>ENGL&amp;101</b>	<b>ENGL&amp;102 (2.8 gpa)</b>	<b>CMST&amp;101 (2.8 gpa)</b>
	GUID 102 (if needed)	MATH&141 (if needed)	MATH&142 (if needed)
	<b>EDUC&amp;202 “W”<sup>2</sup></b>	<b>EDUC&amp;204<sup>5</sup></b>	SOCIAL SCIENCE GROUP A EX: <b>PSYC&amp;100<sup>1</sup></b>
	<b>EDUC 267 2cr</b>		

Summer \_\_\_\_\_ Fall \_\_\_\_\_ Winter \_\_\_\_\_ Spring \_\_\_\_\_

<b>CMST 227 “D”<sup>3</sup></b>	<b>MATH&amp;151 (2.8 gpa)</b>	<b>MATH&amp;152<sup>5</sup></b>	<b>MATH&amp;153<sup>5</sup></b>
<b>PE 2cr</b>	<b>POLS 125<sup>4</sup></b>	HUMANITIES GROUP A, B, or C EX: <b>ART&amp;100<sup>1</sup></b>	SOCIAL SCIENCE GROUP A or B EX: <b>ANTH&amp;100<sup>1</sup></b>
<b>HLTH 3cr</b>	SCIENCE GROUP B EX: <b>PHYSICS 100<sup>1</sup></b>	SCIENCE GROUP B EX: <b>OCEAN&amp;101<sup>1</sup></b>	HUMANITIES GROUP B OR C EX: <b>PHIL&amp;101<sup>1</sup></b>

Summer \_\_\_\_\_ Fall \_\_\_\_\_ Winter \_\_\_\_\_ Spring \_\_\_\_\_


**Math Sequence:** Math 96 → 99 → (then 108 - if student gets less than 3.0 in 99)

**College level course:** Math& 141 → 142 → 151 → 152 → 153

**NOTE:** Students who take Math& 151 as their first Math, will need to take 3cr of electives to meet requirements.

**A 2.8 or higher cumulative GPA is required for the EWU Education Program**

# EWU SECONDARY ED MATH PLAN (2016-17)

## BAE, Mathematics, Secondary (5<sup>th</sup> – 12<sup>th</sup> Grades)

### Required Courses

Required Courses (64 credits)		
Math 161	Calculus I	5
Math 162	Calculus II	5
Math 163	Calculus III	5
Math 225	Foundations of Mathematics	5
Math 231	Linear Algebra	5
Math 241	Calculus IV	5
MTED 392	Methods of Teaching Secondary Math I Quantities and equivalence	3
Math 460	Continuous Functions	5
Math 370	Survey of Geometries	5
Math 385	Probability and an Introduction to Statistics	5
Elective	Choose at least one of: Math 431 Group Theory Math 347 Introductory Differential Equations Math 331 Number Theory with Applications Math 332 Discrete Mathematics with Applications Math 481 Complex Analysis	5
MTED 393	Methods of Teaching Secondary Mathematics II	3
Math 432	Rings and Polynomials	5
MTED 490B	Secondary Practicum	5
Math 492	Problem Solving Seminar	5
MTED 493	Methods of Teaching Secondary Mathematics III	3
Math 387	Regression Concepts	3