



# Tennessee Wesleyan UNIVERSITY

## Mathematics BA or BS

Name: \_\_\_\_\_

Entry Year: \_\_\_\_\_

Transfer Hrs. \_\_\_\_\_

Intent Filed: \_\_\_\_\_

### WESLEYAN ESSENTIALS (45 s.h.)

### MAJOR (51 s.h.)

Courses	Term	Grade
<b>Written Word:</b> (6 s.h. total)		
ENG101 Composition I		
ENG102 Composition II		

<b>Spoken Word:</b> (6 s.h. total)		
Foreign Language I and II, or		
BUS315, ENG321, ENG322, <b>SPE101</b>		

<b>Artist Expression<sup>1</sup>:</b> (6 s.h. total)		
Art, Communication, Literature,		
Music, or Theater		

<b>Western Heritage<sup>2</sup>:</b> (9 s.h. total)		
Religion		
History or Philosophy		
Religion, History, or Philosophy		

<b>Cultural Diversity<sup>1</sup>:</b> (6 s.h. total)		
Art, History, Literature, Music,		
Philosophy, Religion, or Theater		

<b>Scientific Perspective:</b> met within major requirements		
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<b>Societal Perspective<sup>1</sup>:</b> (6 s.h. total)		
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Course	Term	Grade
MAT 132 Essential Statistics (3)		
MAT 181 Calculus I (4)		
MAT 182 Calculus II (4)		
MAT 221 Discrete Mathematics (3)		
MAT 241 History of Mathematics (3)		
MAT 283 Multi-Variable Calculus (4)		
MAT 299 Transitions to Adv. Mathematics (3)		
MAT 311 Mathematical Statistics I (3)		
MAT 351 Linear Algebra (3)		
MAT 371 Ordinary Differential Equations (3)		
MAT 411 Modern Algebra (3)		
MAT 431 Numerical Analysis (3)		
MAT 441 Analysis (3)		
MAT 464 Mathematical Seminar (1)		
MAT 465 Senior Paper (1)		
MAT 300-400 Elective (3)		
PHY 262/263 University Physics I (4)		

Electives to reach 120 hours	Term	Grade

Criminal Justice, Economics,		
Political Science, Psychology, or		
Sociology		

TWU 101/102 Freshman Orientation <sup>3</sup> (2/1 s.h.)		
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<b>B.A. Degree Option:</b> Student must demonstrate proficiency in a foreign language at the intermediate level.
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Foreign Language		
Foreign Language		

<b>30 s.h. of 300 level or above</b>		

Foreign Language		
Foreign Language		

**NOTICE:**

Semester Hours required for Degree:120; 60 Hours MUST be from a four-year institution, 30 being done at TWU.

<sup>1</sup>Students must complete courses from two separate disciplines.

<sup>2</sup>Students must complete one religion course and a History or Philosophy course.

<sup>3</sup>Required of all new Freshman and transfer students with fewer than 15 semester hours

**Curriculum Advising Sheet 2022-2023**