



Mathematics (Grades 6-12)

Requirements for a Bachelor of Science in Mathematics (Grades 6-12)

Wesleyan Essentials				Core		38 S.H.	
TWU101 is required of all new first-year students and transfer students with less than 15 s. h.				MAT181 ▲	Calculus I	(4)	
				MAT182 ▲	Calculus II	(4)	
TWU101	First Year Experience I	(2)		MAT221 ▲	Discrete Mathematics	(3)	
TWU102	First Year Seminar	(1)		MAT241 ▲	History of Mathematics	(3)	
The Written Word				MAT283 ▲	Multi-Variable Calculus	(4)	
ENG101 ▲	English Composition I	(3)		MAT299 ▲	Transition Advanced Mathematics	(3)	
ENG102	English Composition II	(3)		MAT311 ▲	Mathematical Statistics I	(3)	
The Spoken Word				MAT351 ▲	Linear Algebra	(3)	
Select one of the following				MAT361 ▲	Introduction to Geometry	(3)	
French	OR	French	(3)	MAT371 ▲	Ordinary Differential Equations	(3)	
Spanish		Spanish		MAT411 ▲	Introduction to Modern Algebra	(3)	
BUS315 ▲		Business Communication		MAT464 ▲	Mathematics Seminar	(1)	
ENG321 ▲		History of the English Lang.		MAT465 ▲	Senior Paper	(1)	
SPE101		Introduction to Speech					
ENG322 ▲	English Grammar and Usage	(3)					
The Artist's Expression							
Students must complete courses from two separate disciplines.							
Art		Music	(3)				
Literature		Theater					
COM200	Intro. To Digital Media	(3)		Professional Education		44 S.H.	
Western Heritage							
Religion		(3)		EDU110	Introduction to Teaching	(3)	
HIS151 or HIS152 or HIS101 or HIS102		(3)		EDU201 ▲	Educational Psychology	(3)	
History ___ Philosophy ___ Religion ___		(3)		EDU225	Cultural Geography for Teachers	(3)	
Cultural Diversity				EDU230 ▲	Instructional Technology	(1)	
Complete courses from two separate disciplines This category is open to courses within any academic discipline that meet the Cultural Diversity criteria.				ØEDU320 ▲	Survey of Exceptional Children	(2)	
				ØEDU355	Reading in the Content Area	(3)	
				ØEDU385	Methods Teaching Secondary	(3)	
				ØEDU419	Classroom Management	(3)	
EDU225	Cultural Geography for Teachers	(3)		ØEDU423	Measurement and Evaluation	(3)	
		(3)		ØEDU451	Practicum in Secondary Education	(3)	
Scientific Perspectives				ØEDU455	Student Teaching Grades 6-12	(12)	
MAT132 ▲	Essentials of Statistics	(3)		ØEDU474 ▲	Student Teaching Seminar I	(2)	
Biology	Chemistry	Physics	(4)	ØEDU475	Student Teaching Seminar II	(3)	
Societal Perspectives							
Any academic that meets the Societal Perspective criteria							
PSY101	Introduction to Psychology	(3)		Note: For the Ø300-400 level Professional Education courses the student must be admitted to the Teacher Education Program or have conditional enrollment.			
		(3)					
Note: Multiple use rule-Students are not permitted to use the same course to fulfill requirements in multiple WE categories.							
▲ This course has one or more prerequisites.							
Students must complete a minimum of 120 hours.						2020-2021	