

BA - (Secondary Math) Ideal 4 year plan:

NOTE: This degree cannot be completed in 120 hours. The BEd in Secondary Mathematics is a 120-hour degree.

Fall of 1st Year MA 151 Calculus I EN 101 Freshman Composition WU 101 Washburn Experience CN 150 Speech SP 101 Beginning Spanish I or ML 101	18	Spring of 1st Year MA 152 Calculus II MA 204 Number Theory/Discrete ED 155 Teaching/Learning/Leadership ED 285 Educational Psychology SP 102 Beginning Spanish II or ML 102	18
(Apply for admission to Teacher Education) https://www.washburn.edu/academics/college-schools/arts-sciences/departments/education/admissions/application-form.html			
Fall of 2nd Year MA 253 Calculus III MA 301 Linear Algebra ED 165 Examining Teaching PH 220 Logic Gen Ed Natural Science Gen ED Social Science	18	Spring of 2nd Year MA 207 Discrete Mathematics Either MA 381 History or MA 367 Geometry ED 275 Exploring Teaching Gen Ed Natural Science EN 300 Advanced Composition – TEACHING EMPHASIS Gen ED Social Science	18
Summer of 2nd Year Gen Ed Humanity	3		
Fall of 3rd Year Either MA 354 Abstract or MA371 Reals (Either: MA 230 Math for Middle/Secondary School OR ED 363 Methods of Teaching Mathematics) ED 295 Experiencing Teaching ED 302 Exceptional Learners MA 316/317/318/380 or 388 (1 st course) MA 380 Problem Solving Tech (1 st time) Gen Ed Natural Science	18 Or 17	Spring of 3rd Year Either MA 381 History or MA 367 Geometry MA 140 Stats ED 395 Extending Teaching Gen Ed Humanity Gen Ed Natural Science Gen ED Social Science	18
Summer of 3rd Year Gen ED Social Science	3		
Fall of 4th Year Either MA 354 Abstract or MA371 Reals (Either MA 230 Math for Middle/Secondary School OR ED 363 Methods of Teaching Mathematics) ED 354 Curriculum and Assessment MA 316/317/318/ 380 or 388 (2 nd course) MA 380 Problem Solving Tech (2 nd time) Gen Ed Humanity Gen ED Social Science	17	Spring of 4th Year ED 410 Secondary Student Teaching (no other classes may be taken)	12
Take PRAXIS exams: Math Subject (test 5161) between fall and spring terms; Principles of Learning and Teaching Grades 7-12 (test 5624) toward end of spring term			

Disciplines within General Education Distributions
(General Education Courses are denoted in the catalog)

Humanities	Natural Science	Social Sciences
Include 2 disciplines	Include 2 disciplines	Include 2 disciplines
English (exclude EN 100, 101, 102, 200 & 300)	Biology	Political Science
	Chemistry	History
Philosophy	Physics	Psychology
Religion	Astronomy	Economics
Communication	Geology	Sociology
Modern Languages	Computer	Anthropology
Art/Music/Theatre	(no math)	Geography

Other requirements for the Bachelor of Arts:

- ML102 of a Modern Language course (**suggested plan has SP 102**)
- WU 101, EN 101, EN 300
- 15 hours of **Social Sciences Gen Ed courses**
- 15 hours of **Humanities Gen Ed courses** with 3 hours in **AR/MU/TH**
- 12 hours of **Natural Sciences Gen Ed courses**
- 45 hours of 300 level courses (satisfied with required MA and ED courses)