

B.S. Secondary Ed Mathematics

Approved List of Electives

MAT 185	Introduction to Symbolic Computations	MAT 299	Student Developed Study
MAT 212	Mathematics in the Middle Grade	MAT 332	Introduction to Applied Mathematics
MAT 250	Mathematical Modeling	MAT 351	Independent Study
MAT 251	Posing & Solving Programs in Mathematics	MAT 359	Introduction to the Theory of Computation
MAT 282	Ordinary Differential Equations	MAT 363	History of Mathematics
MAT 298	Faculty Developed Study	MAT 383	Introduction to Mathematical Analysis
		MAT 467	Topics in Mathematics

Secondary Education Certification

Students must maintain a minimum G.P.A. of 3.0. Grades from other institutions will be used to calculate the cumulative G.P.A. for admission to and retention in the education program. WCSU graduation requires a minimum 3.0 G.P.A. on WCSU coursework.

This major may be selected by a student seeking a secondary education teaching certificate.

Formal admission into this Secondary Education Program by the Education Department is required. A student will earn a Bachelor of Science degree. A minimum of 125 semester hours is required for a B.S. degree. Passing Praxis I (or a waiver) is required before admittance to the Secondary Education Program will be granted. Although not a requirement for graduation, passing scores on the appropriate Praxis II exam(s) are necessary for program completion and subsequent recommendation for certification.

Secondary Education Certification Requirements (35 S.H.)

◆◆EPY 204	Adolescent Development in School Setting (<i>Prereq: PSY 100</i> ,	3 _____
◆◆ED 206	Introduction to Education	3 _____
◆◆HPX 215	Health Issues in the School	3 _____

Professional Semester

◆◆EPY 405	Introduction to Special Education	3 _____
◆◆ED 385	Methods of Teaching in Secondary Schools	3 _____
◆◆ED 386	Secondary Professional Development School Experience	1 _____
◆◆ED 440	Integrating Language	3 _____
◆◆ED 449	Teaching Math in Secondary Schools	3 _____

Student Teaching (13 S.H. Spring Semester Only)

ED/MED 340	Assessment of Teaching Strategies	1 _____
ED 342	Student Teaching	12 _____

- ◆ A minimum grade of "C" is required in each of these courses.
- ◆◆ A minimum grade of "B" is required in each of these courses.