

B.S. Mathematics

Choose five courses from the following list:

MAT 212 Mathematics in the Middle Grade	MAT 363 History of Mathematics
MAT 220 Intermediate Statistics	MAT 381 Advanced Calculus
MAT 250 Mathematical Modeling	MAT 382 Complex Variables
MAT 251 Posing & Solving Programs in Mathematics	MAT 400 Applied Mathematics
MAT 282 Ordinary Differential Equations	MAT 410 Mathematical Statistics I
⌘MAT 298 Faculty Developed Study	MAT 411 Mathematical Statistics II
⌘MAT 299 Student Developed Study	MAT 431 Numerical Analysis I
MAT 351 Independent Study	MAT 432 Numerical Analysis II
MAT 356 Introduction to Operations Research	MAT 481 Wavelet Analysis I
MAT 358 Introduction to Theory of Computation	MAT 482 Wavelet Analysis II

⌘The credits from this course may be applied to the major only if the department has approved it for major credit.

Secondary Education Certification

A G.P.A. of 2.67 or higher is required upon the completion of 60 credits of coursework at WestConn and/or another institution for students to remain as a self-declared education major.

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, GPA ≥ 2.67</i>)	3 _____
◆◆ED	206 Introduction to Education (GPA ≥ 2.67)	3 _____
◆◆HPX	215 Health Issues in the School (GPA ≥ 2.67)	3 _____

Professional Semester

◆◆EPY	405 Introduction to Special Education (<i>Prereq: EPY 204</i>)	3 _____
◆◆ED	385 Methods of Teaching in Secondary Schools	3 _____
◆◆ED	386 Secondary Professional Development School Experience	1 _____
◆◆ED	440 Integrating Language (<i>Fall Only</i>)	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.