

Beeghly College of Education Bachelor of Science in Education Degree

INTEGRATED MATH

Adolescence to Young Adult License (7-12)

The B.S. in Ed. degree requires the courses listed below to total a minimum 124 s.h. (23 s.h. BCOE Upper Division). No minor required. This teaching field also requires passage of the Praxis II test with a score of 165 on the PLT 7 - 12 (30524) & a score of 139 on the Mathematics Content Knowledge (10061) in order to be eligible to student teach. **Minimum requirements for teachers' licenses are determined by the Ohio Department of Education; if those requirements change, they become effective immediately at Youngstown State University.** (YSU Undergraduate Bulletin)

Name _____ PID# _____ Date _____

All courses meeting requirements specified on this page require a minimum "C" grade. Exceptions are ENGL 1550 and 1551 which require a "B" average.

General Education Requirements GER:

Writing:

- ____3 ENGL 1550 Writing 1 _____
- ____3 ENGL 1551 Writing 2 _____

Oral Communication:

- ____3 COMST 1545 Comm Theory & Practice _____

Math:

- ____3 MATH (this requirement met with courses in major) _____

Natural Science:

- ____4 STEM 2600 Exploration in the Sciences _____
- ____3 Natural Science Course _____

Artistic & Literary:

- ____3 Artistic & Literary Course _____
- ____3 Artistic & Literary Course _____

Societies & Institutions:

- ____3 Societies & Institutions _____
- ____3 Societies & Institutions _____

Personal & Social Responsibility:

- ____3 PSYCH 1560 General Psychology _____
- ____3 Personal & Social Responsibility Course _____

Selected Topics:

- ____3 This requirement is met by SPED 2630 listed in the Professional Education Requirements _____

Two choices from GER courses either from Natural Sciences, Artistic & Literary Perspectives and/or Societies & Institutions - no more than 3 courses from any one domain.

- ____3 _____
- ____3 _____

The following additional courses may be needed based on the placement test but do not count toward program:

- ____3 R & SK 1510 A/B prerequisite to ENGL 1550 _____
- ____3 ENGL 1539 prerequisite to ENGL 1550 _____
- ____3 ENGL 1540 prerequisite to ENGL 1550 _____
- ____4 MATH 1500 prerequisite to MATH 1501 _____
- ____5 MATH 1501 prerequisite to MATH 2623/2651 _____

*** Courses within this area must average a 2.67.**

See your advisor in the Math Dept. for advisement on the Math courses for this major.

All of the following:

- ____4 MATH 1571 Calculus 1 _____
- ____4 MATH 1572 Calculus 2 _____
- ____4 MATH 2673 Calculus 3 _____
- ____3 MATH 3715 Discrete Math _____
- ____3 MATH 3720 Linear Algebra Matrix Theory _____
- ____3 MATH 3721 Abstract Algebra (W) _____
- ____4 STAT 3743 Probability & Statistics _____
- ____3 MATH 3750 History of Math _____
- ____3 MATH 3751 Real Analysis 1 (T) _____
- ____3 MATH 4830 Foundations of Geometry _____
- ____2 MATH 4896 Senior Research Project _____
- ____3 MATH 5832 Euclidian Transformations _____
- ____4 CSIS 2610 Program/Problem Solving _____

Choose one of the following:

- ____3 MATH 3705 Differential Equations _____
- ____3 MATH 5822 Abstract Algebra 2 _____
- ____3 MATH 5828 Number Theory _____
- ____2 MATH 5835 Intro to Combinatorics & Graph Theory _____
- ____3 MATH 5845 Operations Research _____
- ____3 MATH 5895 Selected Topics in Math _____

*** Courses within this area must average a 2.67.**

Professional Education Requirements in Secondary Education:
The specific course work required in professional education is as follows:

- ____3 FOUND 1501 Intro to Education BCI check required
- ____3 PSYCH 3709 Psychology of Education _____
- ____3 EDTC 3771 Technologies for Teaching _____
- ____3 SPED 2630 Individuals w/Except in Society _____

+ BCOE Upper Division Status required

- ____3 + TERG 3711 Rdg Appl Content Areas, Secondary Years _____
- ____3 + FOUND 3708 Education and Society (W) (T) _____
- ____5 *+ SEDUC 3706 Principles of Teaching Adolescents _____
- ____3 + SEDUC 4800M Special Methods (O) _____
- ____10 + SEDUC4842 Student Teaching (Capstone) _____
- ____2 + SEDUC4842A Student Teaching Seminar _____

*Apply one year in advance - BCOE Room 2101

Candidates will not be permitted to take the following professional education courses more than twice: FOUND 1501, FOUND 3708, EDTC 3771, PSYCH 3709, SPED 2630, TERG 2601, TERG 3701, 3702, 3703, 3710, 3711, TEMC 3702, SEDUC 4800 series, ECE 2629, ECE 3760, pre-student teaching courses - ECE TEC, MCE Internship, STEP, SEDUC 3706, MULTI 4807, student teaching seminar, and student teaching.

Neither admission to the University nor declaration of a major related to a teaching field guarantees admission to the Beeghly College of Education (BCOE)'s Teacher Education Programs or candidacy for a teaching license. **Formal Admission to Teacher Education (Upper Division) is required before students are allowed to enroll in junior and senior level courses in the College. Undetermined Education students must declare a major before applying for admission to the Teacher Education Program.**

<p>Admission to the Teacher Education Program (Upper Division) is obtained upon satisfactory completion of the following requirements (check when completed):</p> <p>_____ Minimum completion of 60 semester hours</p> <p>_____ Minimum 2.67 overall gpa and passage of the Praxis I (Pre-Professional Skills Test) with the following scores: _____ Reading - 173 _____ Writing - 172 _____ Mathematics - 172</p> <p>“B” average or better (A-C, B-B) for: _____ ENGL 1550 _____ ENGL 1551 OR _____ ENGL 2601 if failure to meet “B” average above “B” or better in ENGL 2601. If you receive a “C” or below, you will need to retake the course.</p> <p>“B” average or better (B-B-B, A-B-C) across the following: _____ FOUND 1501 _____ COMST 1545 _____ MATH 3715</p> <p>If you do not have a “B” average, you will need to retake courses until the “B” average is achieved.</p> <p>_____ Completion of Good Moral Character Statement.</p>	<p>After candidates have completed a minimum of 60 semester hours and fulfilled all other admission requirements, they should submit an application for Admission to the Teacher Education Program (Upper Division).</p> <p>The application for Upper Division must be completed and submitted to BCOE room 2101 no later than:</p> <p>* September 15 to register for Upper Division courses for Spring * February 15 to register for Upper Division courses for Summer and Fall</p> <p>Each completed application must be reviewed and approved by the Upper Division Admission and Retention Committee. If all requirements are met, student will be allowed to register for Upper Division courses the following semester. Upper Division courses are the courses on the front designated with the “+” symbol.</p> <p>Upper Division Applications submitted after the deadlines listed above will NOT be reviewed until after the next deadline.</p> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>PLEASE NOTE: If you change your address or your program intent semester after submitting any applications (Upper Division, TEC, Request for Graduation and/or Licensure Evaluation, Student Teaching) to the College of Education, please file the change in BCOE room 2101.</p> </div>
<p>Prerequisites for SEDUC 3706 Block:</p> <p>_____ BCOE Upper Division _____ TERG 3711 _____ SPED 2630 _____ EDTC 3771 _____ Completion of prescribed program prerequisites _____ Minimum 2.67 GPA in content area coursework</p>	<p>The application for the SEDUC 3706/Request for Graduation and/or Licensure Evaluation form must be submitted one year in advance to BCOE room 2101 no later than:</p> <p>* September 15 – for Fall SEDUC 3706 * February 15 – for Spring SEDUC 3706</p> <p>Upon verification of the completion of all prerequisites candidate will be notified of acceptance and sent the course codes for which to register.</p>
<p>Prerequisites for Student Teaching Block: BCI check required</p> <p>_____ BCOE Upper Division and Senior status _____ Overall GPA of at least a 2.67 _____ Successful completion of SEDUC 3706 Block _____ PSYCH 3709 _____ SEDUC 4800 _____ Minimum 2.67 GPA in content coursework and professional education courses with no grade less than “C” _____ Passage of the Praxis II PLT 7-12 and the Mathematics Content Knowledge tests.</p>	<p>Instructions for completing the Student Teaching Application and Forms are available in BCOE room 2101. The application and forms must be completed and printed from the BCOE website and submitted no later than:</p> <p>* September 15 to Student Teach the following Spring Semester. * February 15 to Student Teach the following Fall Semester.</p> <p>I have reviewed this requirement sheet with an academic advisor. I assume responsibility for completing my program and for remaining informed by meeting at least once a year with my advisor.</p>

Candidate signature _____

Academic Advisor's signature _____