

POST GRAD

**Beeghly College of Education
PHYSICAL SCIENCE
Adolescence to Young Adult (7-12) License**

This program is designed for persons currently holding a bachelor’s degree from an accredited college seeking licensure. A student can receive a second degree. Licensure requires the courses listed below in addition to the courses required for the major/licensure field. 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 152 on the Chemistry Content Knowledge (20245) and 132 on the Physics Content Knowledge (10265) 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.

Oral Communication:

_____3 _____

Math:

_____3 MATH 2623 or a higher math course _____

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

**Professional Education Requirements in Secondary Education:
+Indicates Upper Division Status Required**

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 _____
- _____3 + TERG 3711 Rdg Appl Content Area,
Secondary Years _____
- _____3 + FOUND 3708 Education and Society (W) (T) _____
- _____3 + TEMC 3707 Science/Tec/Society _____
- _____5 +* SEDUC 3706 Principles of Teaching Adolescents _____
*Apply one year in advance – BCOE Room 2101
- _____3 + SEDUC 4800C Special Methods (O) _____
- _____10 + SEDUC4842 Student Teaching (Capstone) _____
- _____2 + SEDUC4842A Student Teaching Seminar _____

+BCOE Upper Division Status required

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

See your advisor in the Chemistry Dept. or the Physics Dept. for advisement for the courses in this major.

All of the following:

- _____4 CHEM 1515 General Chemistry 1 _____
- _____4 CHEM 1516 General Chemistry 2 _____
- _____5 CHEM 2604 Quantitative Analysis _____
- _____4 CHEM 3719 Organic Chemistry 1 _____
- _____4 CHEM 3720 Organic Chemistry 2 _____
- _____3 Any 3000 or 4000 level chemistry course _____

All of the following:

- _____3 PHYS 2608 Sound _____
- _____4 PHYS 2610 General Physics 1 _____
- _____1 PHYS 2610L General Physics Lab 1 _____
- _____4 PHYS 2611 General Physics 2 _____
- _____1 PHYS 2611L General Physics Lab 2 _____

Select a minimum of 12 s.h. in Physics from the following:

- _____3 PHYS 3701 Intermed Class Mech 1 _____
- _____3 PHYS 3702 Intermed Class Mech 2 _____
- _____4 PHYS 3704/3704L Thermo/Class Stat Mech & Lab _____
- _____4 PHYS 3705/3705L Modern Physics & Lab _____
- _____4 PHYS 3722/3722L Advanced Optics Light & Lab _____
- _____3 PHYS 4805 Undergrad Physics Research _____
- _____1-3 PHYS 5890 Physics & Astronomy for Educators _____

6 s.h. from the following:

- _____4 BIOL 2601 Principles of Biology 1 & Lab _____
- _____4 BIOL 2602 Principles of Biology 2 & Lab _____
- _____4 GEOL 1505 Physical Geology _____
- _____3 GEOL 2602 Intro to Oceanography _____
- _____3 GEOG 2630 Weather _____
- _____3 ASTRO 1504 Descriptive Astronomy _____

All of the following mathematics courses:

- _____4 MATH 1571 Calculus 1 _____
- _____4 MATH 1572 Calculus 2 _____
- _____4 MATH 2673 Calculus 3 _____

A course in computer science is recommended, but not required.

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, SPED 2631, TERG 2601, TERG 3701, 3702, 3703, 3710, 3711, TEMC 3702, TEMC 3707, 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 2.67 overall gpa and passage of the Pre-Professional Skills Test (PPST) with the following scores</p> <p>_____ Reading - 173</p> <p>_____ Writing - 172</p> <p>_____ Mathematics – 172</p> <p>“B” average or better (B-B-B, A-B-C) across the following:</p> <p>_____ FOUND 1501</p> <p>_____ COMST 1545</p> <p>_____ CHEM 1516 or PHYS 2610</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 fulfilled 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 by:</p> <p>* September 15 to register for Upper Division courses for Spring</p> <p>* 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, candidate 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>Applications submitted after the deadline are NOT guaranteed acceptance in time to register for Upper Division courses.</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</p> <p>_____ TERG 2601</p> <p>_____ SPED 2630</p> <p>_____ EDTC 3771</p> <p>_____ Completion of prescribed program prerequisites</p> <p>_____ 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</p> <p>* 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</p> <p>_____ Overall GPA of at least a 2.67</p> <p>_____ Successful completion of SEDUC 3706 Block</p> <p>_____ PSYCH 3709</p> <p>_____ SEDUC 4800</p> <p>_____ Minimum 2.67 GPA in content coursework and professional education courses with no grade less than “C”</p> <p>_____ Passage of the Praxis II PLT 7 - 12 and Chemistry Content Knowledge and the Physics 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.</p> <p>* February 15 to Student Teach the following Fall Semester.</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.

BCOE: 330-941-3268
 BCOE website: <http://www.coe.yosu.edu>
 Gen Ed Website: <http://www.cc.yosu.edu/ger>

Candidate signature _____

Academic Advisor's signature _____