

**Cleveland State University - College of Education
Life Science - Single Field (Grades 7-12)
POST-BACCALAUREATE PROGRAM CHECKLIST**

Student Name _____

CSU ID # _____

Postbaccalaureate Teacher Preparation Program. The College of Education offers a variety of teacher preparation programs for college graduates who have had little or no professional training in education. While these programs lead to licensure, most of the coursework they require cannot be applied to a graduate degree. All postbaccalaureate students seeking teacher licensure must fully meet the college's admission requirements and professional standards. Moreover, students must be available for fieldwork in area schools during the day and are urged to carefully plan their program of study since they must apply for practicum and student teaching placements two (2) semesters in advance of registration for these experiences.

GENERAL EDUCATION Undergraduate coursework of at least 30 semester or 45 quarter credits	Sem. Credits	✓
PREREQUISITES Equivalent courses taken at other colleges/universities may substitute for the following prerequisites pending prior approval of the College of Education's Student Services Center (RT 1401)		
PSY 221 Adolescent Psychology	3	
EDC 300 Diversity in Educational Settings	3	

PROFESSIONAL EDUCATION (Must be accepted into Licensure program and maintain at least a 2.50 Cum GPA to be eligible for 300-400 level professional education courses)	Sem. Credits	✓
Foundations (All Foundations courses must be completed at the beginning of the professional education sequence)		
EDB 200 Teaching as a Profession	2	
EDB 300 Educational Technology	2	
EDB 301 Sociological Foundations	3	
EDB 302 Psychological Foundations [Prereq: PSY 221]	3	
Curriculum & Methods		
EDB 305 Teaching & Mgmt. in the Secondary School	3	
EDL 305 Content Area Reading	3	
EDS 317 Science Educ. in the Secondary School [Must be taken with Practicum]	4	
**EST 382 Practicum – Secondary Educ.-Science [Must be taken with EDS 317, Available Fall Only] [Prereq: All Fndtns courses, EDB 305, EDL 305; 50% Subject Area courses; 2.50 Cum GPA; 2.50 Subject Area GPA; 2.75 Prof. GPA]	3	
ESE 404 Teaching Varying Abilities	3	
Culminating Experiences		
EDB 400 Communication and Collaboration [to be taken with EST 492]	2	
**EST 492 Student Teaching – Sec. Educ.-Science [Prereq: EST 382; 75% Subject Area courses; 2.50 Cum GPA; 2.50 Subject Area GPA; 2.75 Prof. GPA]	10	

****Firm Application Deadlines for Practicum & Student Teaching are February 15 (Fall Semester) and September 15 (Spring Semester)**

SUBJECT AREA	Sem. Credits	✓
Life Science Single Field License requires 39-42 semester credits of coursework in biology, 16 semester credits of coursework in chemistry, 4 semester credits of coursework in earth science, and 10 semester credits of coursework in physics.		
Required Biology Courses (39-42 credits)		
BIO 200 Introductory Biology I	3	
BIO 201 Introductory Biology I Lab	1	
BIO 202 Introductory Biology II	3	
BIO 203 Introductory Biology II Lab	1	
BIO 300 Plant Biology	3	
BIO 301 Plant Biology Lab	1	
BIO 302 Animal Biology	3	
BIO 303 Animal Biology Lab	1	
BIO 306 Biochemistry and Molecular Biology	4	
BIO 308 Cell Biology	3	
BIO 309 Cell Biology Lab	1	
BIO 304 Population Biology and Evolution	3	
BIO 305 Population Biology and Evolution Lab	1	
BIO 492 Honors Seminar or BIO 495 Seminar	1	
BIO 416 Microbiology	3	
BIO 417 Microbiology Lab	2	
ANT 301 Biological Anthropology	4	
And one semester hour seminar or independent research project or one elective biology course	1-4	
Required Chemistry Courses (16 credits)		
CHM 261 General Chemistry I	4	
CHM 266 General Chemistry I Lab	1	
CHM 262 General Chemistry II	4	
CHM 267 General Chemistry II Lab	1	
CHM 331 Organic Chemistry I	4	
CHM 336 Organic Chemistry I Lab	2	
Required Earth Science Courses (4 credits)		
GEO 100 Introductory Geology	3	
GEO 101 Introductory Geology Lab	1	
Required Physics Courses (10 credits)		
PHY 221 College Physics I	5	
PHY 222 College Physics II	5	

Summary of Credits	
Prerequisites:	6
Professional Education:	38
Subject Area:	69-72
Total Credits:	113-116

Evaluator's Signature

Date

To receive a license in Life Science, a passing score on the following Praxis II tests must be achieved:

Test	Code	Hrs.	Passing Score
Principles of Learning and Teaching: Gr. 7-12	30524	2	165
Biology: Content Knowledge	20235	2	148