

Secondary Science Education: Biology (Gr 9-12) Course of Study

This document is not contractual. Requirements may change. Consult Blackburn College Catalog.

EDUCATION COURSES = 53 TOTAL HOURS						
Course Completed	Course #	Course Title	Semester Offered	Hours	Prerequisite	Grade
	ED 100	Introduction to Teacher Education	F/S	2	None	
	ED 110	Introduction to Field Experience (20 hrs. field experience)	F/S	1	ED 100 or concurrent enrollment	
	ED 200	Diversity in Teacher Education (	F/S	3	ED 100, ED 110 or concur. enrollment In ED 110	
	ED 227	Adolescent Psychology and Development	S	3	PY 101 w/ "C" or better	
	ED 240	Educational Psychology: Human Development and Learning	F	3	PY 101 w/ "C" or better	
	ED 280	Introduction to English Language Learners	S	1	ED 100	
	ED 290	Introduction to Clinical Practice (20 hrs. field experience)	F/S	3	ED 100, 110; Cond. Admit. in TE or ES Program	
	ED 304	Curriculum, Philosophy and Instructional Methods of Teaching in Middle School	F	3	ED 290	
	ED 318	Methods for Teaching Science in Middle and Secondary School (40 hrs. field experience)	S	4	ED 290, 304	
	ED 330	Educating Children with Exceptional Needs (20 hrs. field experience)	S	3	E	
	ED 350	Reading Methods (10 hrs. virtual field experience)	F	3	ED 290	
	ED 391	Applied Clinical Practice (60 hrs. field experience)	F/S	3	Concurrent enrollment in WR 342, and consent	
	ED 400	Professionalism in Education	F	3	PR 202, Junior Standing, Admit. in TE or ES Program	
	ED 422	Teaching Reading in the Academic Disciplines	F	3	ED 350; ED 318 or concurrent enrollment	
	ED 491	Student Teaching Seminar	F/S	3	Acceptance in ST	
	ED 492	Student Teaching Experience	F/S	12	Acceptance in ST	
SOCIAL SCIENCE DIVISION = 6 TOTAL HOURS (ED 200 IS DOUBLE DIP)						
	PY 101	General Psychology	F/S	3	None	
	-----	One course from the following: EC 200, 202, HI 210, 211, 212, 232, 252, MG 120, PS 102, 105, 347, PY 101, 230, 262, SS 152, 230		3		
	ED 200	Diversity in Teacher Education (also listed under Education courses) (meets SS multicultural requirement)	F/S	DD	ED 100 or sophomore standing	
HUMANITIES DIVISION = 21 TOTAL HOURS						
	WR 111	Writing I: Genre & Purpose	F/S	3	First time, fulltime freshman status	
	WR 112	Writing II: Analysis & Research	F/S	3	WR 111 (grade of C or better)	
	WR 342	Advanced Exposition	As Needed	3	WR 111, WR 112 (grade of C or better) To be taken concurrently with ED 391	
	PR 202	Ethics	S	3	Soph. standing	
	EN 2xx	Any 200-level Literature class	F/S	3	WR 111, 112	
	Fine Arts	Any three-credit course from MU TH AR OR 3 performance credits in any combination from MU SEE CATALOG	F/S	3		
NATURAL SCIENCE DIVISION = 54 TOTAL HOURS (32 total science hours required; 12 hours of Biology, coursework in 2 other science areas)						
	PE	Physical Education Requirement		2	None	
	MA 140	MA 140 Precalculus (or higher)	F/S	3	Placement test or consent MA 120 or MA 140 or consent	
	BI 201	Introductory Zoology	S	5	None	
	BI 202	Introductory Botany	F	5	None	
	BI 205	Cell Biology	F	4	BI 201 or 202 and CH 101 or consent	
	BI 132 or 208	Environmental Science	F(E)	4	None	
	BI 301	Genetics	F	4	Junior standing and two of the following: BI 201, 202, 205	
	BI 251 and BI252 or BI 402	Human Anatomy and Physiology Animal Physiology	F S(O)	4 4	BI 100 or consent Junior standing, BI 201 and 205	
	BI 307	Ecology	F	4		
	BI 499	Senior Seminar	F/S	1		
	CH 101 OR CH 106	General Chemistry I OR Chemistry in Daily Life	F	4	None	
	CH 301	Astronomy and Earth Science	As needed	3	None	
	PH 201 or 202	General College Physics I	F	4	Good background in Algebra & Trig	
ILLINOIS STATE TEACHER EXAMS						
Content Area Exam Date Taken:			Candidates should take the Science: Biology Content Area Exam the semester before Student Teaching.			

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Teacher Education Level Progression

Level One:

Admission to the Teacher Education Program

(Candidate should apply after first year)

- ☐☐ Completed Application to Teacher Education
 - ☐☐ Cumulative GPA 2.50 or higher
- ☐☐ Grade of C- or better in all required coursework
- ☐☐ Grade of C- or better in all Education Coursework
- ☐☐ Evidence of completion of required field experience hours
- ☐☐ Pass the following local assessments:
 - ☐☐ Assessment of Google Cert Grade B or better
- ☐☐ Professional Dispositions Performance Assessments:
 - ☐☐ Self-evaluation
 - ☐☐ Evaluation by ED100 Faculty
 - ☐☐ Work Program Supervisor
- ☐☐ Evidence of Criminal Background Check (Bushue)
- ☐☐ DCFS Training Certificate
- ☐☐ DCFS Acknowledgment Form

Level Two:

Admission to Clinical Practice

(Candidate should apply two semesters before student teaching)

- ☐☐ Completed Application to Clinical Practice
- ☐☐ Cumulative GPA 2.50 or higher
- ☐☐ Grade of C or better in all Education courses
- ☐☐ Grade of C or better in all required content courses
- ☐☐ Evidence of completion of required field experience hours
- ☐☐ Submit Professional Dispositions Performance Assessments
- ☐☐☐☐ Faculty Evaluation from ED 290
- ☐☐☐☐ Faculty Evaluation from Methods Course
- ☐☐☐☐ Self-evaluation
- ☐☐ Key Assignments and Performance Checkpoints:
 - (Must be assessed at **Emerging** or higher)
- ☐☐☐☐☐ ED 290-Lesson Plan, Teaching Episode, Planning Commentary
- ☐☐☐☐☐ ED 304- 1 Assessment Commentary, 2 Lesson plans, 2 Teaching Episodes and 2 Planning commentaries
- ☐☐☐☐☐ ED 328-LP, TE, PC, IC ☐
- ☐☐☐☐☐ ED 330-ELN Lesson Plan, IEP
- ☐☐☐☐☐ ED 350-Assessment Commentary/ unit plan
- ☐☐☐☐☐ ED 422 Literacy Assessment, Assessment of Student Learning

Level Three:

Admission to Student Teaching

(Candidate should apply the semester before student teaching)

- ☐☐ Grade of B or better in ED 391
 - ☐☐ Completed Application to Student Teaching
- ☐☐ Pass Appropriate Content Test(s) before the start of Student Teaching
- ☐☐ Submit Professional Dispositions Performance Assessments:
 - ☐☐ Self-Evaluation
 - ☐☐ Cooperating Teacher
- ☐☐ Key Assignments and Performance Checkpoints:
 - ☐☐ ED 391- Teaching Episode
 - ☐☐ ED 391- Lesson Plan
 - ☐☐ ED 391- Lesson Plan Commentary
 - ☐☐ ED 391- Instructional Commentary
 - ☐☐ ED 391- Assessment of Student Learning
 - ☐☐ ED 400- Philosophy of Education Essay
 - ☐☐ ED 400- Sample Resume

Level Four:

Program Completion

- ☐☐ Grade of B or better in ED 491 and ED 492
- ☐☐ Professional Dispositions Performance Assessments:
 - ☐☐ Self-evaluation
 - ☐☐ Cooperating Teacher
 - ☐☐ College Supervisor
- ☐☐ Final Student Teaching Evaluations:
 - ☐☐ Self-evaluation
 - ☐☐ Cooperating Teacher
 - ☐☐ College Supervisor
- ☐☐ Key Assignments and Performance Checkpoints:
 - (Must be assessed at **Emerging** or higher)
- ☐☐☐ ☐☐ ED 491-Action Research Project