

Major for Teaching Biology (ADBI – EDBI)

*Illinois certification qualifies teaching in
Biology, Chemistry,
Earth & Space Science, Environmental Science and Physics
but only Biology at the honors or AP level.*

Required Courses		
Course Number	Course Name	Credits
BIOL-150	Becoming Biologist Seminar	1
BIOL-200PN	General Zoology	3
BIOL-210	Cell Biology	3
BIOL-220	General Botany	3
BIOL-308	History of Biological Thought	3
BIOL-310	Evolutionary Biology	3
BIOL-343	Microbiology	3
BIOL-360	Comparative Physiology OR	3
BIOL-362	Human Physiology	
BIOL-370	Genetics	3
Take one of the following:		
BIOL-380	General Ecology	3
BIOL-323	<i>Plant Diversity (rarely offered)</i>	
BIOL-387	Aquatic Biology	
BIOL-334PN	Ethnozology in Latin America	
TOTAL CREDITS – BIOLOGY		28

Required Supporting Courses		
Course Number	Course Name	Credits
CHEM-121PN,I	Chemistry 1	3
CHEM-122PN,I	Chemistry 2	3
CHEM-123PN,I	Chemistry 3	3
PHYS-101PN,I	Physics I	3
PHYS-102PN,I	Physics II	3
GEOG-101PN,I	Global Weather & Climate OR	3
GEOG-103PN,I	Water and Land Resources	
GEOL-101PN,I	Physical Geology OR	3
GEOL-115PN,I	Environmental Geology	
ASTR-315PN	Stars, Nebulae and Galaxies	3
Total Credits – Required Supporting Courses		24
Grand Total Credits – Biology & Science		52

Notes:

Biology – Tentative Schedule

FALL		WINTER		SPRING		SUMMER	Take...
LSFY 101	3	LSFY 102	3	LSFY 103	3		PSYC-100
							POLS-101
							HIST-13x
							Foreign Lang.
							PA
							PE, PE
							Q
Total Credits		Total Credits		Total Credits		Total Credits	
	←	EDUC 300 <small>Educ. Psychology</small>	← 3	EDUC 330* <small>Assess Learning</small>	3		RELG 201, 203, 205, 207 or 209
	←	PSYC 214 <small>Adolescent. Dev.</small>	3				PN/I
<i>Basic Skills Test*</i>		<i>TB Test*</i>					*Linked to EDUC 300
Total Credits		Total Credits		Total Credits		Total Credits	
EDUC 380 <small>General Methods</small>	3	→		EDUC 386 <small>Science Methods</small>	3		
← EDUC 340* <small>Inclusion</small>	3	EDUC 310 <small>Computers</small>	2	→			
		EDUC 396** <small>Middle Sch Clin</small>	← 1	→ EDUC 397** <small>HS Clinical</small>	1	→	
EDUC 412	3						
↑							
				<i>Content Test before ST</i>	→		
Total Credits		Total Credits		Total Credits		Total Credits	
↓							3151/2011
EDUC 422 <small>Seminar</small>	1	→ EDUC 450 <small>School and Society</small>	3	→			
EDUC 490 <small>Student Teaching</small>	9	→					
		<i>APT before graduation</i>	→				
Total Credits		Total Credits		Total Credits		Total Credits	

*If EDUC-300 is taken in fall instead of winter, then 330 and 340 should also move up a term.

**If Student Teaching is in winter, then clinicals move to spring and fall.

Teaching Biology

GENERAL EDUCATION REQUIREMENTS & EDUCATION'S REQUIRED SUPPORTING COURSES

- _____ * **Perspectives on the Arts (PA)**
THEA-141 or THEA-240 **RECOMMENDED**
- EDUC-450 _____ * **Perspectives on Human Existence and Values (PH)**
EDUC-450 **REQUIRED**; ENGL-237, RELG-326, or RELG-327 **RECOMMENDED**
- PSYC-100 POLS-101 * **Perspectives on Individuals and Society (PS)**
PSYC-100 and POLS-101 (or POLS-102) **REQUIRED**
POLS-101AP *does not* count toward Perspectives but *does* count toward Education
- _____ * **Perspectives on Literature and Texts (PL)**
- _____ * **Perspectives on the Past (PP)**
HIST-130, -131, -132, -335, -373 OR upper division US History **REQUIRED**
US HIST AP *does not* count toward Perspectives but *does* count toward Education
- BIOL-200 CHEM-121* **Perspectives on the Natural World (PN)**

*Complete a 2nd course in 3 of the Perspectives using a different subject code from the 1st. No more than 2 courses with the same subject code overall can count toward the Perspectives group requirement.

- _____ **Foreign Language** (9 hours or equivalent)
- _____ **Christian Traditions:** RELG-201(PS), 203(PH), 205(PP), 207(PL) or 209(PH)
or Logos/Foundations with a RELG professor
- CHEM-121 **Investigative Laboratory (I)** _____ **Quantitative Reasoning (Q)**
- _____ **Global (G)** _____ **Diversity (D)**
- _____ **HEPE: 2 activity courses**
- _____ **Learning Community** (HONR-220, 221, 222 or international term qualify)
- _____ **PSYC-214** (Pre-requisite for EDUC-340)

PROFESSIONAL SEQUENCE (35 Credits)

EDUC-300	Educational Psychology	_____ (3)
EDUC-330	Assessing Learning	_____ (3)
EDUC-340	Methods of Inclusion	_____ (3)
EDUC-310	Computers in Education	_____ (2)
EDUC-380	Secondary: General Methods	_____ (3)
EDUC-386	Science Methods	_____ (3)
EDUC-396	Middle School Clinical	_____ (1)
EDUC-397	High School Clinical	_____ (1)
EDUC-412	Secondary Literacy Methods	_____ (3)
EDUC-490	Student Teaching	_____ (9)
EDUC-422	Seminar	_____ (1)
EDUC-450	School and Society	_____ (3)

ILLINOIS TEACHER TESTING REQUIREMENTS

- _____ **Basic Skills Test** Pass TAP or
ACT+Writing ≥ 22 (cannot advance beyond
EDUC-300 until successfully completed)
- _____ **Content Test** (required before student teaching;
required for program completion)*
- _____ **Assessment of Professional Teaching**
(must be successfully completed for Illinois teacher
licensure) *Register at www.il.nesinc.com
- _____ **edTPA** Completed during Student Teaching
(Required for licensure starting in 2015-16)

PROGRAM DEVIATIONS
