

CENTENARY UNIVERSITY
BS IN EDUCATION BIOLOGY
RECOMMENDED FOUR-YEAR SEQUENCE 2020-2021

All Education courses below must have a grade of B- or better.

Content courses have been recommended based on Praxis Core and Praxis II content. Course substitutions may affect your ability to pass required Praxis tests.

Course #	Title	Credits	Complete
<u>YEAR 1 (FALL)</u>			
EDU1205	Nature of Work: The Other Side of the Teacher's Desk	2	_____
LAS1305	Wellness: _____	2	_____
BIO1150	General Biology I (STEM)	4	_____
WRI1002	Composition & Rhetoric (Writing)	4	_____
MTH1600	Precalculus (STEM) or		
MTH2151	Calculus I (STEM)	4	_____
<u>YEAR 1 (SPRING)</u>			
EDU2000	Foundations of Education (Community Responsibility)	4	_____
WRI2012	Advanced Composition (Writing)	4	_____
BIO1160	General Biology II	4	_____*
MTH1501	Statistics I	4	_____*
_____	_____ (Core - See Below)	4	_____
<u>YEAR 2 (FALL)</u>			
EDP2001	Preschool and School Age Development	4	_____*
EDU2004	Foundations of Education: Teaching in the Content Areas	4	_____
BIO2200	Anatomy and Physiology I	4	_____
CHM1100	General Chemistry I	4	_____*
_____	_____ (Core - See Below)	4	_____
<u>YEAR 2 (SPRING)</u>			
EDP3013	Psych of High and Low Incidence Exceptionalities	4	_____
EDU3038	Classroom Management for Challenging Behaviors	4	_____
BIO2210	Anatomy and Physiology II	4	_____
CHM1110	General Chemistry II	4	_____*
<u>YEAR 3 (FALL)</u>			
EDU3058	Biology Curriculum & Instruction	4	_____
BIO3200	Comparative Vertebrate Anatomy	4	_____
BIO3500	Microbiology	4	_____
CHM2050	Organic Chemistry I	4	_____
_____	_____ (Core - See Below)	4	_____*
<u>YEAR 3 (SPRING)</u>			
EDU3054	Literacy in the Content Areas	4	_____
BIO3100	Genetics	4	_____
BIO3210	Animal Physiology and Behavior	4	_____
CHM2060	Organic Chemistry II	4	_____
BIO3300	Cell and Molecular Biology	4	_____
<u>YEAR 4 (FALL)</u>			
EDU3080	Clinical Experience: Practicum	4	_____
EDU3031	Special Education: Learner's Perspective	4	_____
EDU3034	Special Education Methods & Materials	4	_____
EDU3000	Assistive Technology	1	_____*
BIO4000	Ecology	4	_____
<u>YEAR 4 (SPRING)</u>			
EDU3033	Language Development, Comm. & Literacy in Special Ed.	4	_____
EDU4024	Applications in Literacy	2	_____
EDU4050	Clinical Internship: Student Teaching (Public Speaking)	10	_____

Total 145 Credits

One course from each of the following Core categories: Creative Expression*, Global Culture*, Broad Enduring Interest

* 20 credits may be taken in summers at Centenary and county colleges.

STUDENT NAME: _____

DATE: _____

UNIVERSITY CORE REQUIREMENTS (28/40CR)

Academic Foundations

_____ 1105 _____	4CR	_____
<i>(Broad Enduring Interest)</i>		
EDU1205 Nature of Work: The Other Side of the Teacher's Desk	2CR	_____
LAS1305 Wellness: _____	2CR	_____

Communication

(WRI courses require a C- or better.)

WRI1002 Composition and Rhetoric II	4CR	_____
WRI2012 Advanced Composition	4CR	_____
EDU4050 Clinical Internship		See EDU _____

STEM Engagement

MTH1600 Precalculus or MTH2151 Calculus I	4CR	_____
BIO1150 General Biology I		See Biology _____

Culture & Society

EDU2000 Foundations of Education _____	4CR	See EDU _____
<i>(Global Culture)</i>	4CR	_____
_____	4CR	_____
<i>(Creative Expression)</i>		

Biology Requirements (40 Credits)

Prerequisites are in parentheses

BIO1150 General Biology I <i>(No Prereq)</i>	4CR	_____
BIO1160 General Biology II <i>(BIO1150)</i>	4CR	_____
BIO2200 Anatomy & Physiology I <i>(BIO1150&1160)</i>	4CR	_____
BIO2210 Anatomy & Physiology II <i>(BIO2200)</i>	4CR	_____
BIO3100 Genetics <i>(BIO1150, BIO1160, MTH1501)</i>	4CR	_____
BIO3200 Comp Vertebrate Anatomy <i>(No Prereq)</i>	4CR	_____
BIO3210 Animal Physio. & Behavior <i>(No Prereq)</i>	4CR	_____
BIO3300 Cell and Molec. Biology <i>(No Prereq)</i>	4CR	_____
BIO3500 Microbiology <i>(BIO1150& 1160, CHM1100)</i>	4CR	_____
BIO4000 Ecology <i>(No Prereq)</i>	4CR	_____

Related Requirements (20 Credits)

CHM1100 General Chemistry I	4CR	_____
CHM1110 General Chemistry II	4CR	_____
CHM2050 Organic Chemistry I	4CR	_____
CHM2060 Organic Chemistry II	4CR	_____
MTH1501 Statistics I	4CR	_____

Education Requirements (32 Credits)

All Education courses below must have a grade of B- or better.

EDU2000 Foundations of Education	4CR	_____
EDU2004 Foundations of Education: Teaching in the Content Areas	4CR	_____

Courses below may only be taken after admission to the Education Department

EDU3054 Literacy in The Content Areas	4CR	_____
EDU3058 Biology Curriculum and Instruction	4CR	_____
EDU3080 Clinical Experience: Teaching Practicum and Assessing Outcomes	4CR	_____
EDU4024 Applications in Literacy	2CR	_____
EDU4050 Clinical Internship: Student Teaching	10CR	_____

Related Education Requirements (4 Credits)

EDP2001 Preschool & School-Aged Dev (3-18 Years)	4CR	_____
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Teacher of Students with Disabilities (21 Credits)

EDP3013 Psychology of High And Low Incidence Exceptionalities	4CR	_____
EDU3000 Assistive Technology	1CR	_____
EDU3031 Special Ed: Learner's Perspect.	4CR	_____
EDU3033 Lang Development, Comm. and Lit in Spec Ed	4CR	_____
EDU3034 Spec Ed Methods & Materials	4CR	_____
EDU3038 Classroom Management For Challenging Behaviors	4CR	_____

Optional

EST2015 Intro to Equine Assisted Activities & Therapy	2CR	_____
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TOTAL NUMBER OF CREDITS: 145

Notes:

- To earn a Bachelor degree, all graduates must successfully complete a minimum of 145 credit hours. At least 16 credits can be taken in summers and at community colleges to complete the certification in four years.
- Minimum of 32 credits must be taken at Centenary University.
- New Jersey requires that candidates for certification achieve a cumulative GPA of at least 3.0.
- Graduates must have a minimum of an overall 3.0 GPA.
- Courses that are special topic listed in the title, typically ending with a 99, are repeatable. Courses are counted multiple times and do not replace grades of the previous special topic course.
- Credits can only be shared between the core and the major or core and minor requirements. Shared credits within the core requirements is not allowed.
- Please continue seeing your advisor for advisement as requirements may change due to changes in NJDOE code and regulations.