

CENTENARY UNIVERSITY
B.S. IN EDUCATION MATHEMATICS
RECOMMENDED FOUR-YEAR SEQUENCE

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	Completed
<u>YEAR 1 (FALL)</u>			
EDU1205	Nature of Work: The Other Side of the Teacher's Desk	2	_____
LAS1305	Wellness: _____	2	_____
WRI1002	English Composition (Writing)	4	_____
MTH1600	Precalculus (STEM)	4	_____
MTH1501	Statistics I	4	_____
<u>YEAR 1 (SPRING)</u>			
EDU2000	Foundations of Education (Community Responsibility)	4	_____
MTH1502	Statistics II	4	_____
WRI2012	Advanced Composition (Writing)	4	_____
_____	_____ (Core – See Below)	4	_____
<u>YEAR 2 (FALL)</u>			
EDP2001	Preschool and School Age Development	4	_____
EDU2004	Foundations of Educ.: Teaching in the Content	4	_____
MTH2151	Calculus I	4	_____
PHY2001	Physics I (STEM)	4	_____
<u>YEAR 2 (SPRING)</u>			
EDP3013	Psych of High and Low Incidence Exceptionalities	4	_____
MTH2152	Calculus II	4	_____
MTH3030	Linear Algebra	4	_____
PHY2002	Physics II	4	_____
<u>YEAR 3 (FALL)</u>			
EDU3038	Classroom Management for Challenging Behaviors	4	_____
EDU3057	Mathematics Curriculum & Instruction	4	_____
MTH3161	Calculus III	4	_____
MTH3200	Discrete Mathematics	4	_____
_____	_____ (Core – See Below)	4	_____
<u>YEAR 3 (SPRING)</u>			
EDU3031	Special Education: Learner's Perspective	4	_____
EDU3054	Literacy in the Content Areas	4	_____
EDU3000	Assistive Technology	1	_____
MTH3162	Calculus IV and Differential Equations	4	_____
MTH3xxx	Mathematics for Secondary Education	4	_____
<u>YEAR 4 (FALL)</u>			
EDU3080	Clinical Experience (Practicum)	4	_____
EDU3034	Special Education Methods & Materials	4	_____
MTH4150	Number Theory	4	_____
_____	_____ (Core – See below)	4	_____
<u>YEAR 4 (SPRING)</u>			
EDU3033	Language Development, Communication & Literacy	4	_____
EDU4024	Applications in Literacy	2	_____
EDU4050	Clinical Internship: Student Teaching (Public Speaking)	10	_____

Total 133 Credits

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

Note: A student who comes in taking MTH1111 may have to fulfill additional requirements in 20 credit semesters or with summer courses.

STUDENT NAME: _____

DATE: _____

UNIVERSITY CORE REQUIREMENTS (32/40CR)

Academic Foundations (8 Credits)

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

Communication (12 Credits)

(WRI courses require a C- or better.)

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

STEM Engagement (8 Credits)

MTH1600 Precalculus	4CR	_____
PHY2001 Physics I	4CR	_____

Culture & Society (12 Credits)

EDU2000 Foundations of Education	4CR	See EDU _____
_____	4CR	_____
(Global Culture)		
_____	4CR	_____
(Creative Expression)		

Mathematics Requirements (40 Credits)

MTH1501 Statistics I	4CR	_____
MTH1502 Statistics II	4CR	_____
MTH2151 Calculus I	4CR	_____
MTH2152 Calculus II	4CR	_____
MTH3030 Linear Algebra	4CR	_____
MTH3161 Calculus III	4CR	_____
MTH3162 Calculus IV & Differential Equ.	4CR	_____
MTH3200 Discrete Mathematics	4CR	_____
MTH4150 Number Theory	4CR	_____
MTH3xxx Mathematics for Secondary Ed.	4CR	_____

Related Science Requirement (4 Credits)

PHY2002 Physics II	4CR	_____
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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	_____
EDU3057 Mathematics 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 Meth & Material	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: 133

Notes:

- To earn a Bachelor degree, all graduates must successfully complete a minimum of 133 credit hours. This can be accomplished in 8 semesters without summer courses.
- 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 in their major(s).
- 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.