

ELEMENTARY EDUCATION K-5 (State Requirement Minimum 2.75 Overall GPA)
BIOLOGY CERTIFICATION PROGRAM SUMMARY (Effective for students entering NJCU in Summer 2007 or later)

Gothic ID Number: _____
 Name: _____
 Address: _____
 Telephone (H): _____ Telephone (W): _____ Telephone (C): _____
 Email: _____

Initially Advised by: _____ Date: _____ Expected Date of Graduation: _____

Assigned EDU Advisor: _____

Academic Foundations Courses – Non Degree Semester Hours

_____ ENGL 0090	College Writing	3 CR
_____ MATH 0095	Basic College Math	3 CR
_____ MATH 0098	Algebra for College	4 CR
_____ LTED 0900	Reading for College	4 CR

Academic Foundations Courses – Degree Credits

_____ ENGL 0105	College Writing	2 CR
_____ ENGL 0106	Writing Lab	1 CR
_____ ➤INTD 0120	Computer as a Tool	1 CR
_____ LTED 0101	Reading and Study Skills	3 CR
_____ LTED 0109	Learning Strategies	3 CR

All-University Requirements (AUR): 18 Credits – grade of C or higher required in each:

*Tier #1 must be completed within the first 30 degrees credits earned; tier #2 must be completed prior to earning 60 degrees credits.

_____ ENGL 0101	English Composition I	Tier #1	3 CR
_____ ENGL 0102	English Composition II	Tier #1	3 CR
_____ FYE 01	First-Year Experience Course	Tier #1	3 CR
_____ ➤MATH 0112	Intermediate Algebra (or a higher level course)	Tier #1	3 CR
_____ GSC 0101	Civilizations I	Tier #2	3 CR
_____ GSC 0102	Civilizations II	Tier #2	3 CR

Areas (A-F) A total of 42 credits must be earned in Area courses.

Area A Natural Science (6 CR): All students must take CHEM 105 and PHYS 101.

_____ CHEM 105	General Chemistry I	3 CR
_____ PHYS 101	Basic Concepts of Physics	3 CR

Area B Social Sciences (9 CR): Students must take 3 credits from Group 1 AND both PSYC 150 and SOCI 114.

_____ Consult Master Course List for Approved Area courses	Group 1	3 CR	
_____ ➤PSYC 150	Development: Birth through Adolescence	Group 2	3 CR
_____ ➤SOCI 114	Sociology of the Family	Group 2	3 CR

Area C Arts & Media (6 CR): Students take a maximum of 3 credits in a single department.

_____	3 CR
_____	3 CR

Area D Humanities (6 CR): Students take a maximum of 3 credits in a single department.

_____	3 CR
_____	3 CR

Area E Multicultural Disciplines & Languages (6-9 CR): All students must take INTD 149 and 3-6 additional credits.

_____ ➤INTD 149	Human & Intercultural Relations	3 CR
_____		3 CR

Area F Quantitative & Computer Literacy (9 CR):

_____ ➤INTD 180	or MATH 140 or PSYC 230	3 CR
_____ MATH 165	Precalculus or higher-level Math course	3 CR
_____ MATH 205	Problem Solving	3 CR

➤ Meets New Jersey Requirements

Biology Major: 46 Credits Minimum (Courses with asterisks [*] have prerequisite courses.)

_____	BIOL 130	Principles of Biology I	4 CR
_____	BIOL 131*	Principles of Biology II	4 CR
_____	BIOL 230*	Cell Biology	4 CR
_____	BIOL 304*	Genetics	4 CR
_____	BIOL 402*	Ecology	4 CR
_____	BIOL 440*	Biology Seminar	1 CR
_____	➤BIOL 236*	Principles of Anatomy & Physiology I	4 CR
_____	➤BIOL 237*	Principles of Anatomy & Physiology II	4 CR
_____	BIOL 3_____*	_____	_____ CR
_____	BIOL 4_____*	_____	_____ CR
_____	CHEM 105	General Chemistry I	Area A
_____	CHEM 1105	General Chemistry I Recitation/Lab	2 CR
_____	CHEM 106**	General Chemistry II	3 CR
_____	CHEM 1106**	General Chemistry II Recitation/Lab	2 CR

➤ Meets New Jersey Requirements

*A minimum grade of "C" (2.0) is required in each Biology, Chemistry, Physics and Mathematics course.

*Students must successfully complete each required course within 3 attempts in order to remain in the BA Biology program.

Biology Major Advisor: _____

Elementary Education Major/Certification: (36 Credits – must earn grade of B- or higher in each course).

Phase I: (These courses must be taken prior to admission to any education program; courses do not have to be taken concurrently.)

_____	EDU 301	Challenges in Urban Education	3 CR
_____	LTED 330	Focus: Reading Language & Literacy	3 CR

*Students must satisfy the Writing Assessment requirement before registering for Field Experience II.

*Students must take the Diagnostic Praxis test before registering for Field Experience II.

*Minimum GPA of 2.75 required.

Phase II: (Pre-Req: satisfactory completion of Phase I. Courses do not have to be taken concurrently.)

_____	EDU 330	Focus: Development, Behavior & Learning	3 CR
_____	EDU 490	Rethinking Education (Pre-Req. EDU 301)	3 CR
_____	EDU 331	Education Field Experience II	1 CR

Phase III: (These courses should be taken concurrently.)

_____	LTED 360	Elementary Reading Language & Literacy Workshop	2 CR
_____	EDU 361	Elementary Social Studies Methods	2 CR
_____	EDU 362	Elementary Science Methods	2 CR
_____	EDU 363	Elementary Math Methods	2 CR
_____	EDU 485	Classroom Management & Assessment–Elementary/Middle School	2 CR

*Students must pass Praxis II Exam before they are registered for Phase IV.

Phase IV: (These courses must be taken concurrently.)

_____	EDU 470	Internship Seminar – Lang. Arts/Soc. St. OR Math/Sci/Tech	2 CR
_____	EDU 480	Internship	8 CR
_____	EDU 495	Rethinking Teaching (Pre-req. EDU 490; Pre- or Co-req. EDU 480)	3 CR

Education Advisor: _____

Graduation/certificate clearance by: _____

NOTE: It is each student's responsibility to maintain and update this advisement record and to bring it to meetings with his/her advisor.