The Richard Stockton College
of New Jersey
School of Education

Name: _____

Z#_____

Evaluator/Date: _____

CURRICULUM WORKSHEET

Biological Science Certification– Post Baccalaureate

Must have 30 credits in a coherent sequence in Biology with 12 credits at the upper level. Courses include biology, botany, anatomy and physiology, zoology, and veterinary medicine. A grade of "C" or better is required in all content field courses.

Content Field Requirements A grade of 'C' or better is required in all content field requirement courses.		***Credits***
Recommended areas based on Praxis II requirements:		
Basic Principles of Science		
Molecular and cellular biology		
Genetics & evolution		
Diversity of life, plant, & animals		
Ecology		
Science, Technology, and Society		
Total BIOLOGICAL SCIENCE credits (30):		

**** Please note that both the Biology Praxis II (20235) and General Science Praxis II (10435) must be passed. Recommended additional courses include: science methodologies, techniques & history; physical science; earth science; science, technology and society**

Undergraduate Major:	
Upper level BIOLOGICAL SCIENCE credits (12)?	*y/n*

Prerequisite Requirement for entry into EDUC Program	***Term***	***Grade***
PSYC3391 Educational Psychology & 40 hour Fieldwork - *Students who have taken an Educational Psychology course at another institution and have received a grade of 'B-' or better are required to enroll* in **PSYC 3890,** *the one credit Ed. Psych fieldwork*		

Professional Requirements A grade of 'C' or better is required in all professional requirement courses.		
EDUC3241: Educating Students w/Special Needs		
International/Multicultural (I) course		
PSYC3323 Developmental Psychology (Child & Adolescent), **PSYC3322** Lifespan Development, OR **PSYC2201** Psychology of Adolescence		
INTC 3610 Instructional Technology for K-12 Teachers		
EDUC 3515 – Diversity in Family, Schools, and Communities(4)		
County heath test/course		

Professional Education - Grade of 'B-' or better required in all EDUC courses for continuation in Program **(26 credits)**		
Introductory Semester		
EDUC 4101 Introductory fieldwork – *80 hours(2)*		
EDUC 4200 Practices & Technique of Teaching (4)		
Intermediate Semester		
EDUC 4120 Reading in the Content Area (2)		
EDUC 4600 Intermediate fieldwork - *80 hours* (2)		
EDUC 4606 Curriculum & Methods of Science & Math (4)		
Praxis II Test(s): Biology: Content Knowledge, Part 2 **(20235)** General Science: Content Knowledge, Part 1 **(10435)**	**Score**	
Certification Semester		
EDUC 4990 Student Teaching - *full 15-week experience* (10)		
EDUC 4991 Student Teaching Seminar (2)		

PRAXIS I/SAT/ACT: _____

Date: _____

New Jersey Department of Education Approved
RSC School of Education
March 2012

Institution	QPTS	QHRS
_____	_____	_____
_____	_____	_____
_____	_____	_____
Total:	_____ /	_____

Cumulative GPA: _____

Biology: Content Knowledge (0235)

Test at a Glance	
Test Name	Biology: Content Knowledge
Test Code	0235
Time	2 hours
Number of Questions	150
Format	Multiple-choice

Content Categories	Approximate Number of Questions	Approximate Percentage of Questions
I. Basic Principles of Science	12	8%
II. Molecular and Cellular Biology	38	25%
III. Classical Genetics and Evolution	23	15%
IV. Diversity of Life, Plants, and Animals	45	30%
V. Ecology	22	15%
VI. Science, Technology, and Society	10	7%

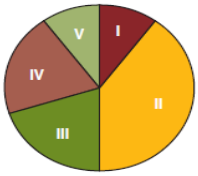
About This Test

The Biology: Content Knowledge test is designed to assess whether an examinee has the knowledge and competencies necessary for a beginning teacher of biology in a secondary school. The development of the test questions and the construction of the test reflect the National Science Education Standards and recognize that there are conceptual and procedural schemes that unify the various scientific disciplines. The 150 multiple-choice questions address examinees' knowledge of the biological sciences, the basic principles of science, and the issues and applications concerning science, technology, and society. Questions are derived from topics typically covered in an introductory college-level biology course. Within these content areas, the test questions require a variety of abilities and knowledge, including definition of terms, comprehension of critical concepts, and application and analysis, to address and solve problems.

This test may contain some questions that will not count toward your score.

General Science: Content Knowledge (0435)

Test at a Glance	
Test Name	General Science: Content Knowledge
Test Code	0435
Time	2 hours
Number of Questions	120
Format	Multiple-choice questions



Content Categories	Approximate Number of Questions	Approximate Percentage of Questions
I. Scientific Methodology, Techniques, and History	12	10%
II. The Physical Sciences	48	40%
III. The Life Sciences	24	20%
IV. The Earth Sciences	24	20%
V. Science, Technology, and Society	12	10%

About This Test

The General Science: Content Knowledge test is designed to measure the knowledge and competencies necessary for a beginning teacher of secondary school general science. The development of the test questions and the construction of the test reflect the National Science Education Standards and recognize that there are conceptual and procedural schemes that unify the various scientific disciplines. The 120 multiple-choice questions assess knowledge of fundamental scientific concepts, principles, phenomena, and interrelationships. Some questions may integrate concepts from more than one category. In general, questions focus on examinees' ability to define terms, comprehend critical concepts, apply knowledge, and analyze content to address and solve problems.

The test covers scientific methodology, techniques, and history; the physical sciences, the life sciences; the earth sciences; and science, technology, and society.

To communicate an accurate understanding of various science fields to secondary school students, teachers need to understand the subject matter from a more advanced viewpoint than that actually presented to the students. Accordingly, some questions of a more advanced nature are included. These questions cover topics that examinees will have studied in freshman college-level courses in physics, chemistry, life science, and earth science.

This test may contain some questions that will not count toward your score.