

**VIRGINIA COMMONWEALTH UNIVERSITY
GRADUATION WORKSHEET**

**BACHELOR OF SCIENCE IN BIOLOGY
COLLEGE OF HUMANITIES AND SCIENCES**

Name _____

Date _____

Questions about transfer credit evaluation should be directed to
Coordinator of Academic Advising, 205 Hibbs, 828-1673.

SS # _____

<u>VCU COURSES</u>	<u>ACCEPTED TRANSFER COURSES</u>	<u>SEMESTER CREDITS</u>			
		<u>GRADE</u>	<u>LOWER LEVEL</u>	<u>UPPER LEVEL</u>	<u>QUALITY POINTS</u>

GENERAL REQUIREMENTS

WRITING: ENGL 101-200 (with a minimum grade of C in each.) Students must complete 24 credits before enrolling in ENGL 200.

ENGL 101	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
ENGL 200	_____	_____	_____	_____	_____

AND Two writing intensive (WI) courses, at least one of which must be in the student's major (See Approved List A and Schedule of Classes each semester)

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

MATHEMATICS AND STATISTICAL REASONING : MATH 151 (by course or placement) **AND** STAT 210 **PLUS** one additional course from the following options: (1) A Statistics (STAT) course numbered above 210 (STAT 314 recommended) **OR** (2) MATH 200 Calculus.

MATH 151	_____	_____	_____	_____	_____
STAT 210	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

If checked, student must take the mathematics placement test. No credit for previous mathematics courses unless student places at MATH 151, 200, or STAT 210 levels. If proper placement is made, see Coordinator of Academic Advising for acceptance of transfer credit.

ETHICAL PRINCIPLES: (3 credits) Either within the major or from another department.(See Approved List C).

_____	_____	_____	_____	_____	_____
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NATURAL SCIENCES: CHEM 101, 101L, 102, 102L.

CHEM 101	_____	_____	_____	_____	_____
CHEZ 101L	_____	_____	_____	_____	_____
CHEM 102	_____	_____	_____	_____	_____
CHEZ 102L	_____	_____	_____	_____	_____

VCU COURSES

ACCEPTED TRANSFER COURSES

SEMESTER CREDITS

<u>GRADE</u>	<u>LOWER LEVEL</u>	<u>UPPER LEVEL</u>	<u>QUALITY POINTS</u>
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VISUAL AND PERFORMING ARTS. (2-4 credits). One course in the visual or performing arts. (See Approved List E)

_____	_____	_____	_____	_____	_____
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LITERATURE : (3 credits) One literature course. (See Approved List F)

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CIVILIZATION: (8-9 credits) Students must take one course (3 credits) from **EACH** of the following areas (9 credits total) but no more than six credits in any one discipline such as history, religious studies, etc. **OR** take two 4-credit interdisciplinary courses (8 credits total) that combine elements of A, B, and C.

A. Historical and Cultural Origins. One course (3 credits) that expands students’ understanding of the historical and cultural roots of the modern world. (See Approved List G)

B. American (U.S.) Studies. One course (3 credits) that explores contemporary United States society with particular attention to aspects of its historical development. (See Approved List H)

C. Global Studies. One course (3 credits) with an explicit focus on the interactions of nations, peoples, and social economic forces in today’s integrated global society. (See Approved List I)

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

FOREIGN LANGUAGE: (0-8 credits). Competency through the elementary level (102 or equivalent) by course or placement.

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

HUMAN BEHAVIOR: (6-7 credits). 2 courses in different disciplines focusing on human behavior. (See Approved List J)

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

URBAN ENVIRONMENT: (3 credits) Coursework or internship, within the major or through general education, dealing with aspects of modern urban life. (See Approved List K)

_____	_____	_____	_____	_____	_____
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The Bachelor of Science major in biology requires 40 credits in biology courses distributed as follows: BIOCORE -- BIOL 151, BIOZ151L, 152, BIOZ152L, 218, 310, and 317 AND one course in organismal biology from each of the two following groups - **Animal** BIOL 301, 302, 309, 312, 313, 416, 417, 435, 445, or 503 and **Plant** BIOL 320, 321, or 512; remaining credits may be chosen from among all biology (BIOL & BIOZ) courses applicable to the biology major (see Undergraduate Bulletin) and Biochemistry (BIOC/CHEM 403). At least six laboratory courses must be taken. One of these may be BIOL 492 or BIOL 495 (must be for a minimum of two credits, respectively). No more than 8 credits of 100 level (or introductory level) courses can be applied to the major. Collateral requirements not included in the general requirements are: CHEM 301, CHEZ 301L, 302, CHEZ 302L AND PHYS 207-208 OR PHYS 201-202.

NOTE: A "C" grade or better in BIOL 151, 152, BIOZ 15L 152L, or their equivalent, is required for enrollment in all advanced biology courses (BIOL 218 and higher).

NOTE: A "C" grade or better in BIOL 218 is required for enrollment in all courses for which it is a prerequisite.

SEE LAST PAGE OF THIS WORKSHEET FOR ADDITIONAL DEGREE REQUIREMENTS.

<u>VCU COURSES</u>	<u>ACCEPTED TRANSFER COURSES</u>	<u>SEMESTER CREDITS</u>			<u>QUALITY POINTS</u>
		<u>GRADE</u>	<u>LOWER LEVEL</u>	<u>UPPER LEVEL</u>	
<u>BIOLOGY MAJOR</u>					
BIOL 151	_____	_____	_____	_____	_____
BIOZ 151L	_____	_____	_____	_____	_____
BIOL 152	_____	_____	_____	_____	_____
BIOZ 152L	_____	_____	_____	_____	_____
BIOL 218	_____	_____	_____	_____	_____
BIOL 310	_____	_____	_____	_____	_____
BIOL 317	_____	_____	_____	_____	_____
<u>Organismal:</u> One animal course and one plant course					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
<u>Biology Electives:</u>					
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

NOTES:

COMPUTER LITERACY: All students, including transfer students, are required to pass the Computer Proficiency Assessment prior to graduation. Many students will have requisite knowledge through personal means to pass the Computer Proficiency Assessment upon entry to VCU. **Information about the Assessment and related Tutorials can be viewed on the Web at <http://www.vcu.edu/cte/knowledgenet>.** INFO 160, 161 and 162 (all three) or transfer computer literacy courses may be used to fulfill the requirement.

Date Assessment passed: _____ OR Equivalent Course _____

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		<u>GRADE</u>	<u>LOWER LEVEL</u>	<u>UPPER LEVEL</u>	<u>QUALITY POINTS</u>
<u>COLLATERAL REQUIREMENTS</u>					
CHEM 301	_____	_____	_____	_____	_____
CHEZ 301L	_____	_____	_____	_____	_____
CHEM 302	_____	_____	_____	_____	_____
CHEZ 302L	_____	_____	_____	_____	_____
LFSC 101 (for students entering fall 2001 and after)	_____	_____	_____	_____	_____
PHYS 201	_____	_____	_____	_____	_____
PHYS 202 OR	_____	_____	_____	_____	_____
PHYS 207	_____	_____	_____	_____	_____
PHYS 208	_____	_____	_____	_____	_____

ELECTIVES: Electives are the courses beyond those which satisfy general education and major requirements and which are a part of the 120 credits needed for the undergraduate degree.

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

NOTES:

ADDITIONAL DEGREE REQUIREMENTS:

1) Cumulative 2.00 GPA required for the major and total degree; 2) 120 credits including no more than 4 in physical education activity courses; 3) 45 credits in upper level courses or the equivalent; 4) last 30 credits taken at VCU.

ALSO: *Courses taken as major or minor courses may also be used to fulfill General Requirements when the courses are shown on the Approved Lists. However, no one course can be used to fulfill two General Education requirements, with the exception of courses used to complete the writing intensive requirement.*

For information on internships/career-related employment/volunteer career development SEE the Career Explorations Web Page at <http://www.students.vcu.edu/careers>