COLLEGE OF CHARLESTON
Academic Requirements
School of Sciences and Mathematics
B. S. in Biology
(emphasis in Molecular Biology)
2004-2005 Undergraduate Catalog

PLEASE NOTE: *Check the current Undergraduate Catalog for additional information and restrictions.*

- - - - - - - - - - - - GENERAL EDUCATION REQUIREMENTS - - - - - - - - - - - -
SPECIFIC HOURLY REQUIREMENTS MUST BE MET IN EACH OF 7 LIBERAL ARTS AREAS.

A. English Composition (6 hrs): 101_____ 102_____

B. History Requirement (6 hrs): **Either** HIST 101____ **and** HIST 102____,

OR HIST 103____ **and** HIST 104____

C. Natural Science Sequence (8 hrs): _____ _____

_____ _____

Major Requirement: BIOL 111, 111L, 112, 112L

D. Math/Logic Requirement (6 hrs): choose from MATH 103-545; HONS 215.

_____ _____

Major Requirement: MATH 120, MATH 220

E. Foreign Language Requirement (foreign language through 202/250):

_____ _____ _____ _____

F. Humanities Requirement (12 hours with a maximum of 6* hours from any one area): (English or American Literature; Art History; Music [non-Studio]; Theatre [non-Studio]; History **[now including either 101 & 102 or 103 & 104 when not used to fulfill the general education requirement in history];** Foreign Literature; Philosophy **[except 215/216]**; Religious Studies; Interdisciplinary Humanities).

***NOTE:** More than 6 hours can be taken from HONS Interdisciplinary courses. Please refer to the **humanities list**.

_____ _____ _____ _____

G. Social Sciences Requirement (6 hrs): _____ _____

Choose from ANTH 100-499; ECON 100-499; LACS 100-499; POLS 100-499; PSYC 100-499; SOCY 100-499.

H. Electives:_____ _____ _____ _____

_____ _____ _____ _____

- - - - - REQUIREMENTS FOR B.S. IN MOLECULAR BIOLOGY (34 hours) - - - - -

You must complete each of the following requirements.

A. INTRODUCTORY Courses:

1. BIOL 111, 112, and associated laboratories; or
2. HONS 151, 152, and associated laboratories.

B. BIOLOGY 300+ Requirements (a minimum of 26 hours required):

1. **Genetics:** BIOL 311, and associated laboratory.
2. **Molecular Biology:** BIOL 312, and associated laboratory.
3. **Cell Biology:** BIOL 313, and associated laboratory.
4. **Seminar in Molecular Biology:** BIOL 455.
5. **ADDITIONAL 300+ ELECTIVES:** Complete at least an additional 2 courses from BIOL 304, 310, 321, 322.

C. CHEMISTRY Requirement: CHEM 111, 112, 231, 232, 351, 352, 354, and associated laboratories. (CHEM 221, Quantitative Analysis, is recommended.)

D. PHYSICS Requirement: Complete one of the following options:

1. PHYS 101, 102 and associated laboratories; or
2. PHYS 101, 202 and associated laboratories, or
3. PHYS 201, 102 and associated laboratories, or
4. PHYS 201, 202 and associated laboratories.

E. MATHEMATICS Requirement: MATH 120.

F. A minimum of 15 hours of BIOL courses 200 level or higher must be taken in residence at the College of Charleston.

- - - - - - - - - - - - - BIOL Major GPA Requirement - - - - - - - - - - - - -

You must achieve a minimum cumulative GPA of 2.00 in major area courses: (BIOL 100-540).

Course	Major Grade	Major Quality Hours (MQHRs)	Major Hours Earned (MEHRS)	Grade Points (MQPTs)
BIOL 111				
BIOL 111L				
BIOL 112				
BIOL 1112L				
BIOL 311				
BIOL 311L				
BIOL 312				
BIOL 312L				
BIOL 313				
BIOL 313L				
BIOL 455				
BIOL _____				
BIOL _____				
BIOL _____				
BIOL _____				
BIOL _____				
BIOL _____				
Totals				

Current GPA in BIOL-BS = $\frac{\textbf{QPTS}}{\textbf{QHRS}}$ _____

[Department of Biology]
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[ON COURSE Web Page]

This page is maintained by the Center for Academic Advising, Myra Whittemore.
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Subject to change without notice.