## Concord University BACHELOR OF SCIENCE - Biology

Registrar's Office Official Document
Name: $\qquad$
120 hours minimum for graduation with a 2.00 average overall 56 hours from a four-year institution

| Course Title CR |
| :--- |
| Written and Oral Communications (9 credit hours) Select one course from <br> BGEN 205 or COMM 101     <br> ENGL 101 Composition \& Rhetoric I 3   <br> ENGL 102 Composition \& Rhetoric II 3   <br> COMM 101 <br> or <br> BGEN 205 Fundamentals of Speech <br> or <br> Fundamentals of Business Communication 3   <br> Literature and Humanities (6 credit hours) Select one (1) course from <br> Literature and one (1) course from History and Philosophy. *May be <br> repeated for 3 credit hours.     |


|  | ENGL 203 or 204 | 3 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | HIST 101, 102, 203, 204, PHIL 101, 308, 316, or 361 | 3 |  |  |
| Fine Arts- (3 credit hours) Select one (1) course from the following: |  |  |  |  |
|  | ART 101, 103, 105, 106, 204, 205, 216, 303, 304, 308, MUS 101, *451, *453A, or THEA 102 | 3 |  |  |

Social and Behavioral Sciences (9 credit hours) Select one (1) course from
three different categories.

|  | Category 1 - Business and Professional Studies | 3 |  |
| :---: | :---: | :---: | :---: |
|  | FIN 200, HSP 100 or SOWK 161 | 3 |  |
|  | GEOG 101 or 221 | 3 |  |
|  | $\begin{aligned} & \hline \text { POSC 101, 104, or } 202 \\ & \text { Category } 4 \text { - Psychology } \\ & \hline \text { PSY 101 or } 200 \\ & \text { Category } 5 \text { - Sociology } \\ & \hline \text { SOC } 101,201 \text {, or } 301 \\ & \hline \end{aligned}$ |  |  |
| Natural Sciences (7-8 credit hours) Select one (1) course from two different categories. |  |  |  |
| BIOL 121 | Category 1-Biological Science BIOL 101, 102, 121, or 122 <br> Category 2-Earth \& Space Science GEOL 101, GEOL 140 or 150 , GEOG 200, <br> PHSC 104, or PHYS 105 <br> Category 3-Physical Science CHEM 100, CHEM 101/111, PHSC 103, PHYS 101, or PHYS 201 | 4 | See <br> Major |
| CHEM 101 |  | 3-4 | See <br> Major |
|  |  |  |  |
| Mathematics (3 credit hours) Select one (1) Mathematics course numbered 100 or higher. |  |  |  |
| MATH 105 | Elementary Statistics | 3 | See Major |

Physical Wellness (2 credit hours) Select one or more courses listed below for a total of at least two hours.

|  | H ED 120, 304, P ED 101M, 117 or 118 | $2-3$ |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Modern/Classical Language - (Optional 6 credit hours) Select two courses <br> within the same Modern/Classical Language for substitution purposes. |  |  |  |  |
|  | May not substitute Modern Language for <br> ENGL 101, ENGL 102, the 3 hour <br> Mathematics requirement or the 4-hour lab <br> science requirement. |  |  |  |


| Biology Core (2.00 GPA required) 31-41 credit hours |  |  |  |
| :---: | :---: | :---: | :---: |
| Biology (12-16 credit hours) |  |  |  |
| BIOL 121 | Foundations of Biology $\mathrm{I}^{\wedge}$ | 4 |  |
| BIOL 122 | Foundations of Biology II ${ }^{\wedge}$ | 4 |  |
| BIOL 130 | Freshmen Biology Seminar+ | 1 |  |
| BIOL 230 | Sophomore Biology Seminar | 1 |  |
| BIOL 455 | Biology Capstone <br> - May substitute BIOL 470 (3) \& 471(3) | 2 or 6 |  |
| Chemistry (8 credit hours) |  |  |  |
| CHEM 101 | General Chemistry I | 3 |  |
| CHEM 111 | General Chemistry Lab I | 1 |  |
| CHEM 102 | General Chemistry II | 3 |  |
| CHEM 112 | General Chemistry Lab II | 1 |  |
| Mathematics (3-9 credit hours) |  |  |  |
| MATH 105 | Elementary Statistics <br> -MATH 103/MATH 104/MATH 253 or equivalent proficiency may be required for physics) | 3 |  |
| Physics (8 credit hours) |  |  |  |
| PHYS 101 and PHYS 102 or PHYS 201 and PHYS 202 | Introductory Physics and Intermediate Physics or University Physics w/ Calculus 1 and University Physics w/ Calculus 2 | 4 4 |  |
| Biology Cognate (11-12 credit hours) |  |  |  |
| $\begin{aligned} & \text { BIOL } 201 \\ & \text { or } \\ & \text { BIOL } 369 \end{aligned}$ | $\begin{aligned} & \text { Ecology and Field Methods (4) } \\ & \text { or } \\ & \text { Evolution (3) } \end{aligned}$ | 3-4 |  |
| BIOL 202 <br> or <br> BIOL 301 | Animals as Organisms** or Plants as Organisms | 4 |  |
| BIOL 302 <br> or <br> BIOL 401 | Cell and Molecular Biology or Genetics | 4 |  |

## Students must select ONE of the concentrations on the following page

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NOTE: **Students are recommended to take BIOL 202: Animals as Organisms; BIOL 301: Plants as organisms; and BIOL 329: Microbiology.

*NOTE: The same course cannot be used in multiple categories for credit. BIOL 326 may be used only once to fulfill major or minor credit. One (1) BIOL 101 or 102 may be used as Directed Electives.
+Students who have qualified for BIOL 121 credit previously are exempt from BIOL 130.

## RESIDENCE CREDIT:

36 hours at Concord
16 of last 32 hours at Concord
Note: In some degree programs,
this is prior to entering professional training. 9 hours in Major, Teaching Fields

TOTAL MINIMUM REQUIRED CREDITS: 120 GENERAL EDUCATION CREDITS: 39-41 PROGRAM REQUIREMENTS: 73-90 ELECTIVE CREDITS: 0-8


[^0]:    *NOTE: The same course cannot be used in multiple categories for credit. BIOL 326 may be used only once to fulfill major or minor credit. One (1) BIOL 101 or 102 may be used as Directed Electives.
    +Students who have qualified for BIOL 121 credit previously are exempt from BIOL 130.
    ${ }^{\wedge}$ Biology majors must complete with a "C" or better to enroll in 200 level or higher Biology courses.

