

## INTEGRATED BIOLOGY (B.A.) Four-Year Graduation Guarantee 2018-2019 Catalog

Cedar Crest College's Four-Year Graduation (4YG) Guarantee is open to all academically qualified candidates enrolled full-time in a 4-year bachelor's degree program, with the exception of Nuclear Medicine Technology. It does not apply to dual degree, fifth-year, or graduate programs. Provided students comply with all of the conditions of the program, Cedar Crest College will guarantee graduation within four years. The guarantee extends to one major only. While many students add additional majors and minors and finish within four years, Cedar Crest will not be able to provide four year guarantee in those cases.

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By signing below, I, \_\_\_\_\_\_ am enrolling in the 4YG program for the Integrated Biology (BA) major under the 2018-2019 catalog requirements and I agree to:

- assume ultimate responsibility for monitoring my academic progress and the completion of all academic requirements;
- enroll at Cedar Crest for four continuous academic years;
- remain in good academic standing;
- complete an average of 30 new credits in each academic year. Note: Courses must be selected in consultation with your academic advisor and 4YG coordinator and must apply to the recommended course sequence on page 2;
- maintain the GPA requirements of the Integrated Biology (BA) major and Liberal Arts Curriculum;
- meet regularly with my assigned academic advisor and 4YG coordinator following the schedule outlined below;
- resolve all outstanding holds that would prevent registration prior to the start of registration for each semester;
- register for classes each semester on the date appropriate for class standing as set forth by the Registrar;
- be responsive to communication from Cedar Crest College, including advisors and the 4YG coordinator;
- officially declare an Integrated Biology (BA) major by the completion of 30 credits. *Note: If a change of major is requested after 30 credits, the ability to sign a new 4YG contract is not guaranteed.*
- complete the following and all other Integrated Biology (BA) major requirements:
  - Earn a minimum 2.0 cumulative GPA and 2.0 GPA in major coursework.
  - o Earn a C- or better in all courses taken for major requirements.
  - o Earn a C- or better in all prerequisite courses before proceeding to subsequent courses.
  - Complete freshman core courses during the first year of enrollment; sophomore core courses during the second year of enrollment; BIO 350 in the third fall semester; and BIO 356 in the fourth fall semester
  - o Complete at least 8 credits toward the elective requirement prior to the final semester.
  - o Complete the CHE 111, 112 sequence before the junior year.
  - Abide by all other departmental policies and successfully meet all other graduation requirements.

The 4YG does not guarantee that courses will be offered at a particular time or on particular days, nor can it assure graduation in four years if accreditation agencies require immediate curricular changes. This agreement pertains only to the catalog specified; if major requirements change and the student elects to follow the newer requirements, this contract is void.

If a student meets all of the degree/program requirements but cannot graduate in four years because a course or courses are not available, the student will meet with their advisor as soon as the problem is discovered to discuss options for completion. These options could include a course substitution, an independent study, or permission to enroll in the course in a subsequent semester at no tuition cost to the student.

Required Meeting Schedule:

Lagran to the stipulations set forth in this agreement

|                          | Semester 1                 | Semester 2                 | Semester 3                 | Semester 4                 |
|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Beginning of<br>Semester | Advisor<br>4YG Coordinator | Advisor AYG Coordinator    | Advisor 4YG Coordinator    | Advisor<br>4YG Coordinator |
| Prior to registration    | Advisor<br>4YG Coordinator | Advisor AYG Coordinator    | Advisor 4YG Coordinator    | Advisor AYG Coordinator    |
|                          | Semester 5                 | Semester 6                 | Semester 7                 | Semester 8                 |
| Beginning of<br>Semester | Advisor 4YG Coordinator    | Advisor 4YG Coordinator    | Advisor<br>4YG Coordinator | Advisor<br>4YG Coordinator |
| Prior to registration    | Advisor 4YG Coordinator    | Advisor<br>4YG Coordinator | Advisor 4YG Coordinator    | Advisor<br>4YG Coordinator |

| agree to the stipulations si | et fortif ill tills agree | ment. |                           |            |
|------------------------------|---------------------------|-------|---------------------------|------------|
| Student Signature            |                           | Date  | ID Number                 | Entry Term |
| Advisor Signature            | Date                      |       | 4YG Coordinator Signature | Date       |

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## **SPRING 2019**

| FALL 201 | 18  |                        |          | 31 KING 2 | UI) |   |               |
|----------|-----|------------------------|----------|-----------|-----|---|---------------|
| Course   | Cr  | Title                  | <b>✓</b> | Course    | Cr  | Title                                       | $\overline{}$ |
| BIO 123  | 4   | Foundations in Biology |          | BIO 124   | 4   | Principles of Cell and Molecular<br>Biology |               |
| CHE 111  | 4   | Chemical Principles    |          | CHE 112   | 4   | Chemical Equilibrium and Analysis           |               |
| FYS      | 3   | First Year Seminar     |          | WRI 100   | 3   | College Writing                             |               |
| CCC 101  | 0.5 | College Life           |          | CCC 102   | 0.5 | Exploring Your Future                       |               |
|          | 3   | elective***            |          |           | 3   | elective***                                 |               |

FALL 2019 SPRING 2020

| THEE ZOTY |    | JI MING 2                                 | 31 MNG 2020   |         |    |  |              |
|-----------|----|---|---------------|---------|----|--|--------------|
| Course    | Cr | Title                                     | $\overline{}$ | Course  | Cr | Title                                    | $\checkmark$ |
| BIO 239   | 4  | Animal Ecology, Development and Evolution |               | BIO 231 | 4  | Genetics                                 |              |
| MAT       | 3  | MAT 140 Pre-calculus or higher            |               |         | 3  | Mathematics & Logic LAC course           |              |
|           | 3  | Art LAC course                            |               |         | 3  | Integration Across Disciplines elective* |              |
|           | 3  | Humanities LAC course                     |               |         | 3  | Social Science LAC course                |              |
| ETL 235   | 3  | Ethical Life                              |               | CCC 201 | 3  | Sophomore Expedition                     |              |

FALL 2020 SPRING 2021

| Course  | Cr  | Title                                    | <br>Course | Cr  | Title                                    |  |
|---------|-----|--|------------|-----|--|--|
| BIO 350 | 2   | Junior Colloquium                        |            | 1-4 | Biology elective**                       |  |
|         | 3   | Integration Across Disciplines elective* |            | 3   | Integration Across Disciplines elective* |  |
|         | 1-4 | Biology elective**                       |            | 3   | Art LAC course                           |  |
|         | 3   | Social Science LAC course                |            | 3   | Humanities LAC course                    |  |
|         | 3   | elective***                              |            | 3   | elective***                              |  |
|         | 3   | elective***                              |            |     |  |  |

FALL 2021 SPRING 2022

| Course  | Cr  | Title                                    | <b>✓</b> | Course  | Cr  | Title  |  |
|---------|-----|--|----------|---------|-----|--|--|
| BIO 356 | 3   | Science, Ethics, and Society             |          | BIO 357 | 1   | Reflection on an Integrated Biology<br>Major |  |
|         | 3   | Integration Across Disciplines elective* |          |         | 1-4 | Biology elective*                            |  |
|         | 1-4 | Biology elective*                        |          |         | 3   | elective***                                  |  |
|         | 3   | elective***                              |          |         | 3   | elective***                                  |  |
|         | 3   | elective***                              |          |         | 3   | elective***                                  |  |

<sup>\*</sup> Choose 12 credits from one discipline outside the Biological Sciences, or self-design a program across multiple disciplines with advisor approval.

Liberal Arts Curriculum (LAC) and College-Wide Requirements

| Liberal Ai ts cui i cui uni (LAC) an                               | id Conege-wide Requirements                  |
|--|--|
| Natural Science (SCI): 7 cr. total, one must be a lab-based course | Writing (WRI1, WRI2): 2 courses, 6 cr. total |
| 1. BIO 123   | 1. WRI 100                                   |
| 2. BIO 124   | 2. BIO 356                                   |
| Arts (ART): 6 cr. total, one must be a 3 cr. course                | Humanities (HUM): 2 courses, 6 cr. total     |
| 1  | 1  |
| 2  | 2  |
| Mathematics & Logic (ML): 6 cr. total, one must be a MAT course    | Social Science (SS): 2 courses, 6 cr. total  |
| 1. MAT 140 or higher   | 1.   |
| 2  | 2.   |
| Ethics (ETH): 1 course, 3 cr.                                      | Global Studies (GS): 1 course, 3 cr.         |
| 1. ETL 235   | 1. CCC 201                                   |
| Technology: 3 cr.  | Information Literacy: 3 cr.                  |
| 1. BIO 239, 231, 350, and 356                                      | 1. BIO 239, 231, 350, and 356                |
| Oral Presentation: 3 cr.   |  |
| 1. BIO 124, 239, 350, and 356                                      |  |

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<sup>\*\*</sup>Biology electives: 12 credits from: any additional 200 or 300 level BIO course except BIO 243 or 354; CHE 307 (or 217), 308 or 348; up to 2 credits of BIO 353; up to 1 credit of BIO 201. At least one course must be a 4-credt lecture/lab course.

<sup>\*\*\*</sup>Flectives must be included to ensure that the overall total number of credits reaches the 120 credits needed to complete a degree.