

# Bachelor of Science (BS) Biochemistry-Molecular Biology with Honors College Core

## 2026-2027 Official Degree Plan

### Honors College Core Curriculum (HC) Requirements

| COURSES                                                                                                                                          | HOURS     |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| HNRS 1410 Honors Chronology: Ancient                                                                                                             | 4         |
| HNRS 1020 Honors Writing I                                                                                                                       | 0         |
| HNRS 1030 Honors Lecture I                                                                                                                       | 0         |
| HNRS 1440 Honors Chronology: Medieval                                                                                                            | 4         |
| HNRS 1050 Honors Writing II                                                                                                                      | 0         |
| HNRS 1060 Honors Lecture II                                                                                                                      | 0         |
| HNRS 2410 Honors Chronology: Early Modern                                                                                                        | 4         |
| HNRS 2300 Honors Topics: Theology and Psychology                                                                                                 | 3         |
| HNRS 2020 Honors Writing III                                                                                                                     | 0         |
| HNRS 2030 Honors Lecture III                                                                                                                     | 0         |
| HNRS 2440 Honors Chronology: The Last 300 Years                                                                                                  | 4         |
| HNRS 2380 Honors Topics: Person and Society                                                                                                      | 3         |
| HNRS 2050 Honors Writing IV                                                                                                                      | 0         |
| HNRS 2060 Honors Lecture IV                                                                                                                      | 0         |
| HNRS 3410 Honors Topics: Life and Death                                                                                                          | 4         |
| HNRS 3380 Honors Topics: Natural Philosophy                                                                                                      | 3         |
| HNRS 3020 Honors Writing V                                                                                                                       | 0         |
| HNRS 3030 Honors Lecture V                                                                                                                       | 0         |
| HNRS 3740 The Story of Scripture: The Biblical Narrative from Genesis to Revelation                                                              | 7         |
| HNRS 3050 Honors Writing VI                                                                                                                      | 0         |
| HNRS 3060 Honors Lecture VI                                                                                                                      | 0         |
| <b>Choose two courses from the following. If HNRS 2150: Honors Art is not taken, then HNRS 2100: Honors Readings may be repeated for credit.</b> | 2         |
| HNRS 2100 Honors Readings                                                                                                                        |           |
| HNRS 2150 Honors Art                                                                                                                             |           |
| CHEM 2315/2115 General Chemistry I and General Chemistry I Lab                                                                                   | 4         |
| MATH 1451 Calculus I*                                                                                                                            | 4         |
| <b>Total Honors College Core Hours</b>                                                                                                           | <b>46</b> |

\* Course must be completed with "C" or higher

### Major Requirements

(all courses required for major must be completed with "C" or higher)

| COURSES                                                                                 | HOURS        |
|-----------------------------------------------------------------------------------------|--------------|
| CHEM 2315/2115 General Chemistry I / General Chemistry I Lab                            | HC           |
| CHEM 2316/2116 General Chemistry II / General Chemistry II Lab                          | 4            |
| CHEM 3313 Organic Chemistry I                                                           | 3            |
| CHEM 3131 Organic Chemistry I Lab                                                       | 1            |
| CHEM 3333 Organic Chemistry II                                                          | 3            |
| CHEM 3132 Organic Chemistry II Lab                                                      | 1            |
| CHEM 4373 Biochemistry                                                                  | 3            |
| CHEM 4374 Biochemistry II                                                               | 3            |
| MATH 1451 Calculus I                                                                    | HC           |
| PHYS 2413 Principles of Physics I                                                       | 4            |
| PHYS 2423 Principles of Physics II                                                      | 4            |
| BIOL 2354/2154 General Biology I / General Biology I Lab                                | 4            |
| BIOL 2355/2155 General Biology II / General Biology II Lab                              | 4            |
| BIOL 3301 Cellular and Molecular Biology                                                | 3            |
| BIOL 3101 Cellular and Molecular Biology Lab                                            | 1            |
| BIOL 3444 Genetics                                                                      | 4            |
| BCMB 3414 Microbiology                                                                  | 4            |
| BCMB 4111 Bioanalytical Methods I                                                       | 1            |
| BCMB 4272 Integrating Biological Concepts                                               | 2            |
| BCMB 4424 Molecular Biology                                                             | 4            |
| <b>Choose seven or eight hours of BCMB electives from the following courses:</b>        | 7-8          |
| BCMB 3375 Human Genetics                                                                |              |
| BCMB 4324 Advanced Cell Biology                                                         |              |
| BCMB 4335 RNA Biology                                                                   |              |
| BCMB 4344 Virology                                                                      |              |
| BCMB 4363 Medical Microbiology                                                          |              |
| BCMB 4375 Cancer Biology                                                                |              |
| BCMB 4464 Immunology                                                                    |              |
| BCMB 4448 Molecular Genetics                                                            |              |
| CHEM 3423 Quantitative Analysis                                                         |              |
| CHEM 3443 Modern Analytical Techniques                                                  |              |
| CHEM 4361 Advanced Organic Chemistry                                                    |              |
| CHEM 4414 Introductory Physical Chemistry                                               |              |
| <b>Choose one BCMB Lab Techniques course from the following for a total of 2 hours:</b> | 2            |
| BCMB 4297 Research in Biochemistry/Molecular Biology                                    |              |
| CHEM 4291 Senior Seminar: Topic Research Project                                        |              |
| <b>Total Major Hours</b>                                                                | <b>62-63</b> |
| <b>Required Elective Hours</b>                                                          | <b>18-19</b> |
| <b>Total Hours in Degree</b>                                                            | <b>127</b>   |

Please Sign on Page 2

## Additional Graduation Requirements

1. At least 127 total credit hours, including 30 credit hours of upper-level (3000 or 4000) courses.
2. Community Life and Worship (CLW) credits: 80 credits required for graduation (at least 50 credits must be CLW-A earned through worship events, up to 30 credits may be CLW-B earned through community life events). CLW events offered each semester are listed on the [Spiritual Life CLW website](#).
3. FYS 1300 Freshman Year Seminar is required for all students enrolling at HCU with fewer than thirty (30) credit hours. College credit earned prior to high school graduation (e.g., dual credit) does not count toward the 30-hour requirement. Students enrolled in 100% online degree programs will take ONLN 1300 Introduction to Online Learning in place of FYS 1300.
4. At least 30 credit hours or 25 percent of the total credit hours required for an undergraduate degree (whichever is greater) must be earned at HCU, including at least 12 credit hours of upper-level courses in the major with a grade of "C" or better in each course.
5. Cumulative GPA of at least 2.00 with no grade below "C" in courses required for the major or as noted on the degree plan.
6. Once admitted and enrolled at HCU, no more than 18 credit hours may be transferred from another institution. Students should consult with their academic advisor prior to enrolling in courses at another institution.

## Filing a Degree Plan

All undergraduate students must have an official signed and approved degree plan on file with the Office of Academic Records by the time they complete 64 credit hours. Students should contact their academic advisor to begin the process. If seeking a double degree, double major, minor, or certificate, an official degree plan must be filed for each program of study. For questions, email [degreeplans@HC.edu](mailto:degreeplans@HC.edu).

## Applying for Graduation

Undergraduate students should apply for graduation through the HCU student self-service portal at least one semester before their anticipated graduation date. An official degree plan must be on file before the application can be accessed. More information about applying for graduation, including deadlines, can be found on the [Graduation Application website](#). For questions, email [grad@HC.edu](mailto:grad@HC.edu).

## Degree Works

Access Degree Works through the [HCU Student Portal \(my.HC.edu\)](#) to view your degree plan status, graduation application status, and track your progress to graduation. For questions, contact your academic advisor.

## University Catalog

The University Catalog is the official record of academic policies. Students are responsible for familiarizing themselves with the information in the catalog, including attendance policies, transfer credit policies, academic standing information, and course descriptions. The catalog can be found on the [HCU Catalog website](#).

## Acknowledgment and Signatures

**By signing below, you acknowledge that you have read and agree to abide by all requirements on the degree plan. This degree plan is not valid until received and processed by the Office of Academic Records.**

\_\_\_\_\_  
Student Name (Printed)

\_\_\_\_\_  
Student H#

\_\_\_\_\_  
HCU Email

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor Signature

\_\_\_\_\_  
Date

### Office of Academic Records Use Only

Processed By: \_\_\_\_\_

Date: \_\_\_\_\_