

## B.S. Biology, Genetics & Evolution (intro chemistry) - HONORS PATHWAY

This is an example of how to integrate your honors requirements with your biology major requirements

### HONORS REQUIREMENTS

| YEAR 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <p><b>HONR 120: Introduction to Honors</b><br/>First-year seminar. Required for all first-year students. Transfer students exempt. Fall strongly recommended. Spring section offered.</p> <p><b>HONR 121L: Ways of Knowing</b><br/>Offered Fall and Spring. Students who satisfy WRIT 101 with AP/IB or Dual Enrollment credits before matriculating should enroll in HONR 121L during Fall. All others should plan on Spring, regardless of alpha split.</p>                                                                                        |
| YEARS 1-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Honor Electives (Choose 2)</b><br/>Options include honors sections of General Education Requirements, departmental honors offerings, one additional experiential learning opportunity, additional HONR 394 courses, and/or honors special topics courses.</p> <p><b>HONR 394: Interdisciplinary Colloquia</b><br/>Offered Autumn and Spring. Recommended second or third year. Choose one course.</p> <p><b>Experiential Learning (1, 2+ credits)</b><br/>Options include fieldwork, internship, supervised research, and/or study abroad.</p> |
| YEARS 3-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>Approved Methods Course</b><br/>HONR 320E: Art of Inquiry or an approved departmental research methods course in student's major.</p> <p><b>Capstone Project</b><br/>Mentor-supported research or creative scholarship project in student's academic area(s) of interest. Students register for either approved departmental capstone credits or HONR 499.</p>                                                                                                                                                                                 |

| YEAR 1                                                                                                                                                                      |                                                                                                                                                                                                                      |
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| AUTUMN                                                                                                                                                                      | SPRING                                                                                                                                                                                                               |
| BIOB 160n/161n: Princ. Living Syst/lab<br>CHMY 121n: Intro to General Chemistry<br>M 162/M 171: Calculus<br><b>HONR 120: Intro to Honors</b><br>WRIT 101: College Writing I | <b><sup>1</sup>BIOB 170n/171n: Biol. Diversity/lab</b><br>CHMY 123/124: Intro Organic/Bioch/lab<br><b>HONR 121L: Ways of Knowing</b><br><br><small><sup>1</sup>BIOB 171n lab typically has an honors section</small> |
| YEAR 2                                                                                                                                                                      |                                                                                                                                                                                                                      |
| AUTUMN                                                                                                                                                                      | SPRING                                                                                                                                                                                                               |
| BIOB 260: Cell & Molecular Biology<br><b>General Education Requirement</b><br><b>General Education/Honors Elective</b><br><b>HONR 394: Interdisciplinary Colloquia</b>      | <b><sup>2</sup>BIOB 272: Genetics &amp; Evolution</b><br>STAT 216: Intro to Statistics<br><b>General Education Requirement</b><br><br><small><sup>2</sup>BIOB 272 typically has an honors discussion section</small> |
| YEAR 3                                                                                                                                                                      |                                                                                                                                                                                                                      |
| AUTUMN                                                                                                                                                                      | SPRING                                                                                                                                                                                                               |
| BIOE 370/371: General Ecology/lab<br>PHSX 205n/206n: College Physics I/lab<br><b>BIOB 490: Research</b>                                                                     | BIOB 375: General Genetics<br>PHSX 207n/208n: College Physics II/lab<br><b>HONR 320e: Art of Inquiry</b><br><b>General Education Requirement</b>                                                                     |
| YEAR 4                                                                                                                                                                      |                                                                                                                                                                                                                      |
| AUTUMN                                                                                                                                                                      | SPRING                                                                                                                                                                                                               |
| BCH 380: Biochemistry<br>Major Electives                                                                                                                                    | BIOB 486: Genomics<br>Major Electives<br><b>BIOB 499: Honors Thesis</b>                                                                                                                                              |