

# HONORS PROGRAM IN BIOLOGY

Honors in Biology is a distinction bestowed on those outstanding undergraduate Biology majors who have demonstrated distinct competence in overall biology coursework and who have completed an independent research project of substantial merit. This program offers motivated students the opportunity to develop research and communication skills in preparation for graduate school or a professional career. For more information and specific program requirements, contact Dr. Randall Tracy in the Biology Department.

## Requirements for the Honors Program in Biology

Code	Title	Credits
<b>Required Biology courses</b>		<b>(38 credits)</b>
BI-140	Introduction to Organismal Biology	4
BI-141	Intro to Cellular and Molecular Biology	4
BI-200	Human Biology	4
BI-202	Principles of Ecology	4
BI-203	Genetics	4
BI-204	Microbiology	4
BI-404	Biology Seminar	2
3 Upper Division Electives (300 or 400 level lab courses)		12
<b>Ancillary Requirements</b>		<b>(29 credits)</b>
MA-150	Statistics I	3
MA-190	Pre-calculus (or Higher)	4
CH-120 & CH-121	General Chemistry I and General Chemistry II	8
CH-201 & CH-202	Organic Chemistry I (lecture) and Organic Chemistry II (lecture)	6
PY-221 & PY-222	General Physics I and General Physics II	8
or PY-241 & PY-242	Physics I (Mechanics) and Physics II ( Electricity, Magnetism and Optics )	
<b>Honors Program Requirements</b>		<b>(3-8 credits)</b>
BI-205	Research Techniques and Experimental Design	2
BI-440	Advanced Research Experience for Undergraduates	1-6
<b>Total Credits</b>		<b>70-75</b>

<sup>1</sup> "Commendation in Biology" requires 3 credits of BI-440 and a minimum 3.0 GPA in biology courses. "Honors in Biology" requires 5 credits of BI-440 and a minimum of 3.5 GPA in biology courses.

Students who also complete CH-203 and CH-204 can earn a chemistry minor.

For more information and specific program requirements, contact Dr. Randall Tracy in the Department of Biology.