

OVERVIEW OF THE BIOLOGY MAJOR

Four options for the major are as follows:

B.A. 28 cr. + minor

B.S. 32 cr. + specified minor or non-science major

B.S. 40 cr.

B.S. 25 cr. + another science major

| Core Courses (Required)       |        | Intermediate Level Courses (Elected)              |              | Upper Level Courses (Elected)     |              |
|-------------------------------|--------|---|--------------|-----------------------------------|--------------|
| Unity of Life                 | 4 cr.  | Comparative Vertebrate Anatomy                    | 3 cr.        | Ecology                           | 4 cr.        |
| Diversity of Life             | 4 cr.  | Field Biology, Spring                             | 3 cr.        | Cell Biology                      | 4 cr.        |
| Genetics                      | 4 cr.  | Mammalian Cell Culture                            | 3 cr.        | Developmental Biology             | 4 cr.        |
|                               |        | Principles of Physiology                          | 3 cr.        |                                   |              |
|                               |        | Modern Microscopy                                 | 3 cr.        | Molecular Biology                 | 4 cr.        |
|                               | —      | Biological Topics: Human Genetics, Macroevolution | <u>3 cr.</u> | Biological Topics: Plant Biology  | <u>4 cr.</u> |
| total credit needed (minimum) | 12 cr. |   | 3-6 cr.      |                                   | 8-12 cr.     |
|                               |        |   |              | Additionally: Seminar or Research | 2 cr.        |

Additional notes:

B.A. in Biology requires General Chemistry, 8 cr. (also requires 8 cr. of foreign language)

B.S. in Biology requires General Chemistry, 8 cr. + Organic Chemistry, 4 cr. (also requires 4 cr. math/computer science)

All students in the College of Arts and Sciences, regardless of major, are required to complete at least 124 credit hours of coursework with a grade point average of 2.0.

Department of Biology - Valparaiso University  
Please refer to the [2008-2009 VU General Catalog](#) for a complete  
description of major course requirements.

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