

**DEPARTMENT OF BIOLOGICAL SCIENCES  
DEGREE REQUIREMENTS (410)  
BACHELOR OF SCIENCE DEGREE**

**I. GENERAL EDUCATION REQUIREMENTS (40 cr. hrs)**

**Area I: Communication & Mathematical Skills (8 cr. hrs)**

- 0 \_\_\_\_ ENG 101                      \_\_\_\_ ENG 102  
0 Math Series (taken in curriculum – see next page)

**Area II: Cultural-Social Foundations (8 cr. hrs) (one course from each group)**

- 0 \_\_\_\_ History (CLS150, HST 101, 102, 103)  
0 \_\_\_\_ The Non-Western World (CST 2XX, RST 2XX, CSE 250, HLT 202, TSE 260, SW 272, URS 200)

**Area III: Human Behavior (8 cr. hrs) (select 2 courses from different categories)**

- 0 \_\_\_\_ Economics (EC 200, 290)  
0 \_\_\_\_ Political Sciences (PLS 200)  
0 \_\_\_\_ Psychology (PSY 105)  
0 \_\_\_\_ Sociology (SOC 200, 205, WMS 200)

**Area IV: Human Expression (select one course - 4 cr. hrs)**

- 0 \_\_\_\_ Great Books (PHL 204, REL 204, ENG 204, CLS 204)  
0 \_\_\_\_ Fine & Performing Arts (ART 214, MUS 214, MUS 290, TH 214)

**0 Additional Courses from Areas II, III and IV (8 cr. hrs.)**

**Area V: Natural Sciences (taken in curriculum-Dept Requirements)**

**Area VI: College Component (one course - 4 cr. hrs)**

- 0 \_\_\_\_ EES 260, PSY 110, SM 101 OR SM 205

**General Education Writing Intensive Component – 4 courses**

**II. DEPARTMENTAL REQUIREMENTS (37 cr. hrs)**

- 0 BIO 111-4 \_\_\_\_ Human Biology  
0 BIO 112-4 \_\_\_\_ Cell Biology and Genetics  
0 BIO 115-4 \_\_\_\_ Biodiversity and Evolution  
  
0 BIO 210-4 \_\_\_\_ Molecular Biology  
0 BIO 211-4 \_\_\_\_ Genetics  
0 BIO 212-4 \_\_\_\_ Cell Biology  
0 BIO 213-3 \_\_\_\_ Molecular/Cell Lab  
  
0 BIO 230-4 \_\_\_\_ Physiology  
0 BIO 231-4 \_\_\_\_ Ecology  
  
0 BIO 492-2 \_\_\_\_ Senior Seminar

**III. REQUIRED SUPPORTING COURSES (61-63 cr. hrs)**

**Area A: Chemistry (33 cr. hrs)**

**Inorganic Chemistry**

- 0 CHM 121-3 \_\_\_\_ CHM 125-2 \_\_\_\_ 0 CHM 211-4 \_\_\_\_ CHM 215-2 \_\_\_\_  
0 CHM 122-3 \_\_\_\_ CHM 126-2 \_\_\_\_ 0 CHM 212-4 \_\_\_\_ CHM 216-2 \_\_\_\_  
0 CHM 123-3 \_\_\_\_ CHM 127-2 \_\_\_\_ 0 CHM 213-4 \_\_\_\_ CHM 217-2 \_\_\_\_

**Organic Chemistry**

**Area B: Physics (15 cr. hrs)**

- 0 PHY 111-4 \_\_\_\_ PHY 101-1 \_\_\_\_  
0 PHY 112-4 \_\_\_\_ PHY 102-1 \_\_\_\_  
0 PHY 113-4 \_\_\_\_ PHY 103-1 \_\_\_\_

**Area C: Mathematics (complete one series only) (13-15 cr. hrs)**

- 0 MTH 228-5 \_\_\_\_ 0 MTH 229-5 \_\_\_\_ 0 MTH 229-5 \_\_\_\_  
0 STT 264-4 \_\_\_\_ **OR** 0 MTH 230-5 \_\_\_\_ **OR** 0 STT 264-4 \_\_\_\_  
0 STT 265-4 \_\_\_\_ 0 MTH 231-5 \_\_\_\_ 0 STT 265-4 \_\_\_\_

**IV. LIFE SCIENCE ELECTIVES (40 cr. hrs)**

Select 40 credits from 300/400 level courses

- A **minimum of 25 hours** of BIO/M&I/EXB courses (up to 8 hours of independent study [BIO 399, 488, 490, 492, 499] or 12 hours of honors research [BIO 495] may be used)
- You may apply a **maximum of 15 hours** from other life sciences departments (including ANT, BMB, EES, PHR, CHM, MTH, STT, PHY & PSY)

**V. ELECTIVES (7-9 cr. hrs)**

**In the Major Writing Intensive Component – 2 courses**

**TOTAL CREDIT HOURS REQUIRED: 187**

\*\* You must have a cumulative GPA of +2.0 to graduate

\*\* All BIO, M&I and EXB courses must be a grade of C or better for graduation credits

**Residence Requirements**

A minimum of 45 credit hours must be earned at Wright State University. At least 15 of the last 45 hours of credit must be earned at Wright State. A minimum of 30 hours of courses numbered 300 or above must be earned at Wright State.

Course	Fall	Winter	Spring	Summer
BIO 111	4	4		
BIO 112		4	4	
BIO 115			4	4
BIO 210	4			4
BIO 211		4		4
BIO 212			4	4
BIO 213	3	3	3	
BIO 230	4		4	
BIO 231	4		4	4
BIO 492	2	2	2	2

Please visit our website for a list of Departmental courses offered each quarter:

[www.wright.edu/biology](http://www.wright.edu/biology)



**Department of Biological Sciences  
Bachelor of Science in Biological Sciences**

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