

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

**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, HST 102, HST 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, EC 290)  
0 \_\_\_\_ Political Sciences (PLS 200)  
0 \_\_\_\_ Psychology (PSY 105)  
0 \_\_\_\_ Sociology (SOC 200, SOC 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 IV: 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 (66 cr. hrs)**

**Biology Courses (23 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 212-4 \_\_\_\_ Cell Biology  
0 BIO 213-3 \_\_\_\_ Molecular Lab Techniques

**Exercise Biology Courses (43 cr. hrs)**

- 0 BIO 101-4 \_\_\_\_                      0 EXB 450-5 \_\_\_\_  
0 EXB 194-1 \_\_\_\_                      0 EXB 451-5 \_\_\_\_  
0 EXB 260-2 \_\_\_\_                      0 EXB 452-3 \_\_\_\_  
0 EXB 352-4 \_\_\_\_                      0 EXB 466-9 \_\_\_\_  
0 EXB 353-5 \_\_\_\_                      0 BIO 492-2 \_\_\_\_  
0 BIO 370-4 \_\_\_\_

**III. REQUIRED SUPPORTING COURSES (82 cr. hrs)**

**Area A: Chemistry (31 cr. hrs)**

- Inorganic Chemistry      Organic Chemistry  
0 CHM 121/125-5 \_\_\_\_      0 CHM 211-4 \_\_\_\_              0 CHM 215-2 \_\_\_\_  
0 CHM 122/126-5 \_\_\_\_      0 CHM 212-4 \_\_\_\_              0 CHM 216-2 \_\_\_\_  
0 CHM 123/127-5 \_\_\_\_      0 CHM 213-4 \_\_\_\_              **OR**      BMB 423 or 427 -4 \_\_\_\_

**Area B: Physics (10 cr. hrs)**

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

**Area C: Mathematics (13 cr. hrs)**

- 0 MTH 130-5 \_\_\_\_              0 STT 264-4 \_\_\_\_              0 STT 265-4 \_\_\_\_

**Area D: Anatomy, Physiology and Nutrition (23 cr. hrs)**

- 0 ANT 310-5 \_\_\_\_              0 ANT 311-5 \_\_\_\_              0 ANT 312-5 \_\_\_\_  
0 BMB 250-4 \_\_\_\_              0 PSY 341-4 \_\_\_\_

**Area E: Life Science electives (5 cr. hrs)**

- Approved courses are as follows:  
BIO 310/311, 399, 408, 441, 488, 499  
PHY 113/103; PSY 301, 303, 308, 311, 391  
CHM 213/217, NCP 333 or approved elective

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

**TOTAL CREDIT HOURS REQUIRED: 188**

- \*\* 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. Complete a minimum of 183 hours in approved courses.

**Pre-Med Students:** One full year of Physics and Organic Chemistry is required for admission into medical schools.

Course	Fall	Winter	Spring	Summer
BIO 111	4	4		
BIO 112		4	4	
BIO 115			4	4
BIO 210	4			4
BIO 212			4	4
EXB 194	1			
EXB 260	2		2	
PSY 341	4	4	4	4
EXB 352			4	
EXB 353			5	
EXB 370		4		
EXB 450	5			
EXB 451		5		
EXB 452	3			
EXB 466				preferred
BIO 492	2	2	2	2

Please visit our website for a list of all the courses offered in the Department:

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



**Department of Biological Sciences**  
**Bachelor of Science in**  
**Biological Sciences/Exercise Biology**  
(Fall, 2008)

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

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