

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

I. GENERAL EDUCATION REQUIREMENTS (40 cr. hrs)

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

0 ____ ENG 101-4 ____ ENG 102-4

0 Math Series (taken in curriculum – see next page)

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

0 ____ History (CLS150-4 OR HST 101-4 OR HST 102-4 OR HST 103-4)

0 ____ The Non-Western World (CST 2XX-4 OR RST 2XX-4)

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

0 ____ Economics (EC 200-4 OR EC 290-4)

0 ____ Political Sciences (PLS 200-4)

0 ____ Psychology (PSY 105-4)

0 ____ Sociology (SOC 200-4 OR SOC 205-4 OR WMS 200-4)

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

0 ____ Great Books (PHL 204-4 OR REL 204-4 OR ENG 204-4 OR CLS 204-4)

0 ____ Fine & Performing Arts (ART 214-4 OR MUS 214-4 OR MUS 290-4 OR TH 214-4)

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

Area V: Natural Sciences (taken in curriculum)

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

0 ____ EES 260-4, PSY 110-4, SM 205-4 OR SM 101-4

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 (85.5 cr. hrs)

Area A: Chemistry (55.5 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 ____

Quantitative Analysis

0 CHM 312-3 ____ CHM 314-4.5 ____

Physical Chemistry

0 CHM 451-3 ____

0 CHM 452-3 ____ CHM 457-3 ____

0 CHM 453-3 ____ CHM 458-3 ____

Area B: Physics (15 cr. hrs)

0 PHY 111/101-5 ____ 0 PHY 240/200-5 ____

0 PHY 112/102-5 ____ **OR** 0 PHY 242/202-5 ____

0 PHY 113/103-5 ____ 0 PHY 244/204-5 ____

Area C: Mathematics (15 cr. hrs)

0 MTH 229-5 ____ 0 MTH 230-5 ____ 0 MTH 231-5 ____

IV. LIFE SCIENCE ELECTIVES (40 cr. hrs)

- Select **25 credits** from 300/400 level 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)
- Students receive a **maximum of 15 credits** towards their Life Science electives from their 300/400 level Chemistry courses

In the Major Writing Intensive Component – 2 courses

TOTAL CREDIT HOURS REQUIRED: 187.5

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

** All Required 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.

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



**Department of Biological Sciences
Bachelor of Science in Biological Sciences
Biology/Chemistry Dual Major**

Department Office
235 BH

Phone: (937)775-4226

Fax: (937)775-3320

www.wright.edu/biology

Biology Advising Center

bioadvising@wright.edu

Jacqui Neal

Biology/PreHealth Professions

jacqueline.neal@wright.edu

Dr. Patricia Roberts

Biology

patricia.roberts@wright.edu

Courtney Smith

Biology

courtney.smith@wright.edu