CHEMISTRY

KEY POINTS ABOUT THE MAJOR

- **Chemistry graduates are work-force ready for careers in industry and research.**
- **Chemistry Department's contacts in industry and academia allow ODU students opportunities for internships and summer research fellowships that enhance their education and breadth of experience.**

"At ODU, our students are excited about science. We work closely with them to help achieve their dreams and career goals."

- Dr. Rebecca Rowoth, Associate Professor of Biology

OHIO DOMINICAN UNIVERSITY™

Sample Four-Year Plan

The course plan below is a sample plan for your major. It does not and should not replace meeting with your Academic Advisor to map the best course plans that suit your individual academic needs and placement upon initial registration. Classes listed may not necessarily be offered during a particular term.

This sample plan is designed for students who have had high school chemistry and achieved a "B" or better in a pre-calculus course.

First Year (Freshman)

Fall Semester		Spring Semester	
ENG 110 Thinking and Writing Across the Curriculum	3	ENG 111 Scholarly Adventures: Researched Writing	3
Freshman Core Seminar 179	3	BIO 201 General Biology: Cells, Genetics, Evolution	4
MTH 240 Calculus I	4	CHM 110 General Chemistry II	4
CHM 109 General Chemistry I	4	MTH 241 Calculus II	4
Theology Requirement*	3		

Second Year (Sophomore)

Fall Semester		Spring Semester	
CHM 229 Organic Chemistry I	4	CHM 230 Organic Chemistry II	4
Arts and Ideas Requirement	3	BIO 227 Microbiology	4
Sophomore Core Seminar 279	3	Arts and Ideas Requirement	3
BIO 203 General Biology: Anatomy & Physiology	4	PSY 224 Human Development: Lifespan	3
Theology Requirement*	3	Philosophy Requirement*	3

Third Year (Junior)

Fall Semester		Spring Semester	
PHY 119/219 Physics I	4	CHM 360 Instructional Methods	4
CHM 451 Biochemistry	4	PHY 120/220 Physics II	4
CHM 359 Analytical Chemistry	4	Junior Core Seminar 379	3
Social Science Requirement	3	Social Science Requirement	3

Fourth Year (Senior)

Fall Semester		Spring Semester	
CHM 439 Physical Chemistry I	4	Elective—CHM 440 strongly recommended	4
Elective	3	Arts and Ideas Requirement	3
SCI 479 Senior Core Seminar	3	Theology Requirement*	3
COM 242 Cross Cultural Communication	3	Bioethics	3
Social Science Requirement	3	Philosophy Requirement*	3

**At least one Theology and one Philosophy course must be at the 200 level or higher.*

For More Information

Full descriptions for all ODU courses are available on ODU's website. Core curriculum and four-year course blueprint are based on the 2012-2013 edition of the ODU Course Catalog.

For more information, contact your Admission Counselor or Academic Advisor at 614.251.4500 or at admissions@ohiodominican.edu.

OHIO DOMINICAN UNIVERSITY™

ACADEMIC MAJORS

- Accounting
- Art
- Arts Education
- Biology
- Business Administration
- Campus & Youth Ministry
- Chemistry
- Communication Studies
- Computer Information Systems
- Criminal Justice
- Economics
- English
- Environmental Studies & Science
- Exercise Science
- Finance
- Graphic Design
- History
- International Business
- Mathematics
- Peace & Justice
- Philosophy
- Political Science
- Psychology
- Public Relations
- Social Work
- Sociology
- Sport Management
- Theology

PRE-PROFESSIONAL PROGRAMS

- Pre-Law
- Pre-Med
- Pre-Nursing
- Pre-Physical / Occupational Therapy

EDUCATION PROGRAMS

- Art Education (K-12)
- Early Childhood (Pre K-3)
- Middle Childhood (4-9)
- Intervention Specialist (K-12)
- Adolescent & Young Adult (7-12)
  - Chemistry
  - Earth Science/Chemistry
  - Integrated Language Arts
  - Integrated Math
  - Integrated Science
  - Integrated Social Studies
  - Life Science
  - Physical Science

GRADUATE PROGRAMS

- Master of Arts in Liberal Studies
- Master of Arts in Theology
- Master of Arts in TESOL
- Master of Business Administration
- Master of Science in Physician Assistant Studies
- Master of Education
- Master of Science in Management

General Information

- Private, four-year, liberal arts college in the Catholic Dominican tradition with a total enrollment of nearly 2,700.
- Beautiful, safe, 75-acre campus in heart of vibrant metropolis, Columbus, Ohio, the 15th largest city in the United States
- Dynamic, multicultural and supportive community.
- Average class size: 16; Student-to-faculty ratio: 14:1.
- Nearly 50 undergraduate majors and graduate programs; internship opportunities on and off campus.
- Education abroad options range from year-long, semester-long, partial semester or summer. Students can choose to travel alone, or with an ODU group and faculty member.
- Academic calendar: semesters, with two-week May term and eight-week summer term.

Admission Information

- Students may complete a free online application at ohiodominican.edu .
- ODU accepts both the ACT and SAT as your standardized test. ACT school code is 3256; SAT 1131. Transfer students with more than 24 semester hours of college credit are waived from submitting test scores.
- Applications are reviewed based on rolling admission practices. That means as soon as we have a complete admission file, the Admission Committee will review the file and notify you of an admission decision within 10 business days.
- Campus visits are strongly encouraged. Individual and small group visits are usually available six days a week. Visits can be arranged online or by contacting ODU's Visit Coordinator at 614.251.4626.

Financial Aid & Cost

- Approximately 95 percent of students received some form of financial aid assistance in 2011-2012.
- ODU offers academic scholarships to qualified freshmen and transfer students.
- The comprehensive, liberal arts education our students receive makes ODU a true educational value.

Athletics

- Men's—Baseball, basketball, cross country, football, golf, soccer, tennis
- Women's—Basketball, cross country, golf, soccer, softball, tennis, volleyball
- Membership with NCAA Division II, and the Great Lakes Intercollegiate Athletic Conference (GLIAC).

Student Life

- More than 40 campus clubs and organizations, including band, campus ministry, chorus and intramural sports.
- Variety of housing options, including, traditional doubles, suite style and themed housing.