COMPUTER INFORMATION SYSTEMS—QUANTITATIVE

OHIO DOMINICAN UNIVERSITY™

KEY POINTS ABOUT THE MAJOR

- **Provides the mathematical rigor essential for the development of algorithmic approaches in computer technology.**

"ODU's CIS program focuses on developing graduates who are distinguished in the marketplace by their understanding of the way people process, communicate and use information."

- Dr. Theresa Holleran, Division Chair, Math, Computer and Natural Sciences

Sample Four-Year Plan

The sample 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.

First Year (Freshman)

Fall Semester		Spring Semester	
ENG 110 College Writing I	3	ENG 111 College Writing II	3
Freshman Core Seminar 179	3	MTH 121 Mathematics for the Liberal Arts	3
CIS 180 Survey of CIS	3	CIS 150 Programming in C/C++	3
History Requirement	3	Social and Behavioral Science Requirement	3
Theology Requirement*	3	Philosophy Requirement	3

Second Year (Sophomore)

Fall Semester		Spring Semester	
Sophomore Core Seminar 279	3	CIS 316 Networks and Data Communications	3
CIS 234 Database Management Systems	3	MTH 145 Discrete Mathematics	3
CIS 200 Data Structures	3	Philosophy Requirement	3
MTH 240 Calculus I	4	MTH 241 Calculus II	4
Language Requirement	3	Art/Music/Theater	3

Third Year (Junior)

Fall Semester		Spring Semester	
Junior Core Seminar 379	3	Literature Requirement	3
Theology Requirement	3	Diversity Requirement	3
Natural Science Requirement	3	MTH 243 Differential Equations	3
CIS 210 Assembly Language	3	CIS Elective	3
MTH 242 Multivariate Calculus	4	Social and Behavioral Science	3

Fourth Year (Senior)

Fall Semester		Spring Semester	
Senior Core Seminar 479	3	MTH 350 Linear Algebra	3
MTH 270 Mathematical Statistics	3	Elective	3
CIS Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3

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

***Diversity Requirement will be fulfilled with this requirement.*

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
- Cross-Disciplinary Studies
- Economics
- English
- Environmental Studies & 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 Education
- Master of Science in Management
- Master of Science in Physician Assistant Studies

General Information

- Private, four-year, liberal arts university in the Catholic and Dominican tradition with a total enrollment of nearly 2,500
- Beautiful, 75-acre campus in the heart of a vibrant metropolis, Columbus, Ohio, the 15th largest city in the United States.
- Dynamic, multicultural and supportive community. Students of color make up 25 percent of our community.
- Average class size is 16. Student-to-faculty ratio is14:1.
- More than 40 undergraduate degree programs—Bachelor of Arts, Bachelor of Science, Associate of Arts, Associate of Science
- Seven graduate degree programs
- Various 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 an online application at www.ohiodominican.edu at no charge.
- 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.

Athletics

- Men's—Baseball, basketball, cross country, football, golf, soccer, tennis, track and field—both indoor and outdoor
- Women's—Basketball, cross country, golf, soccer, softball, tennis, volleyball, track and field—both indoor and outdoor
- Member of the NCAA Division II, Great Lakes Intercollegiate Athletic Conference (GLIAC)

Student Life

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