Undergraduate and Graduate Majors and Degrees

The following charts list all majors and degrees, minors, and certificate programs offered by Miami University. Descriptions appear elsewhere in this Bulletin. **Note:** Returning former students whose degree programs have been discontinued should consult with their academic departments or divisions.

Undergraduate and Graduate Majors and Degrees

Major	Undergraduate Degree(s)	Graduate Degree(s)
Accountancy	Bachelor of Science in Business	Master of Accountancy
Anthropology	Bachelor of Arts	
Applied Biology	Bachelor of Science	
Applied Mathematics	Bachelor of Science	
Architecture	Bachelor of Arts in Architecture	Master of Architecture
Art, Studio	Bachelor of Fine Arts, Bachelor of Arts in Studio Art	Master of Fine Arts
Art Education	Bachelor of Science in Art	
Arts Management and Arts Entrepreneurship	Bachelor of Arts in Arts Management and Arts Entrepreneurship	
Athletic Training		Master of Athletic Training
Biochemistry	Bachelor of Arts, Bachelor of Science	
Biological Science		Master of Arts in Teaching
Biology	Bachelor of Arts, Bachelor of Science	Master of Arts, Master of Science, Doctor of Philosophy
Biomedical Engineering	Bachelor of Science in Engineering	Master of Engineering
Biomedical Science		Master of Medical Science
Botany	Bachelor of Arts, Bachelor of Science	Master of Arts, Master of Science, Doctor of Philosophy
Business Administration (part-time)		Master of Business Administration
Business Analytics	Bachelor of Science in Business	Master of Science in Business Analytics
Business Economics	Bachelor of Science in Business	
Cell, Molecular and Structural Biology (CMSB)		Master of Science, Doctor of Philosophy
Chemical and Biomedical Engineering		Master of Science in Chemical and Biomedical Engineering
Chemical Engineering	Bachelor of Science in Engineering	Master of Engineering
Chemistry	Bachelor of Arts, Bachelor of Science	Master of Science, Doctor of Philosophy
Clinical Engineering		Master of Science in Clinical Engineering
Communication Design	Bachelor of Fine Arts	
Communication Studies	Bachelor of Arts in Applied Communication	
Community Arts and Cultures	Bachelor of Arts	
Computer Engineering	Bachelor of Science in Engineering	
Computer Science	Bachelor of Arts in Computer Science, Bachelor of Science in Computer Science	Master of Computer Science, Master of Science in Computer Science, Doctor of Philosophy
Counselor Education		Master of Education
Criminal Justice	Bachelor of Science in Criminal Justice	
Curriculum and Instruction		Master of Education
Cybersecurity	Bachelor of Science in Cybersecurity	
Cybersecurity & Networking	Bachelor of Science in Information Technology	
Data Analytics	Bachelor of Arts	
Data Science and Statistics	Bachelor of Science	
Digital Commerce	Bachelor of Science in Commerce	
Diplomacy and Global Politics	Bachelor of Arts	
Ecology, Evolution and Environmental Biology (EEEB)		Doctor of Philosophy
Economics	Bachelor of Arts	Master of Arts
Educational Leadership		Doctor of Education, Doctor of Philosophy
Electrical and Computer Engineering		Master of Engineering, Master of Science
Electrical Engineering	Bachelor of Science in Engineering	
Emerging Technology in Business & Design	Bachelor of Arts in Emerging Technology in Business & Design	

Major	Undergraduate	Graduate
Engineering		Doctor of Philosophy
Engineering Management	Bachelor of Science in Engineering	
Engineering Technology	Bachelor of Science in Applied Science	
English		Master of Arts, Master of Arts in Teaching, Doctor of Philosophy
English/Creative Writing	Bachelor of Arts	Master of Fine Arts
English/Literature	Bachelor of Arts	
English Studies	Bachelor of Arts	
Entrepreneurship and Emerging Technology		Master of Entrepreneurship and Emerging Technology
Environmental Earth Science	Bachelor of Science	
Environmental Science		Master of Environmental Science
Family Nurse Practitioner		Master of Science in Nursing
Finance	Bachelor of Science in Business	
Foreign Language Education		Master of Arts in Teaching
Games + Simulation	Bachelor of Science	
Geography and Sustainable Development	Bachelor of Arts	Master of Arts
Geology	Bachelor of Science	Master of Arts, Master of Science, Doctor of Philosophy
Gerontological Studies		Master of Gerontological Studies
History	Bachelor of Arts	Master of Arts
Hospitality Management	Bachelor of Science in Commerce	
Human Capital Management and Leadership	Bachelor of Science in Business	
Individualized Studies	Bachelor of Arts	
Information Systems and Cybersecurity Management	Bachelor of Science in Business	
Information Technology	Bachelor of Science in Information Technology	
Integrated English Language Arts Education	Bachelor of Science in Education	Master of Arts in Teaching
Integrated Mathematics Education	Bachelor of Science in Education	Master of Arts in Teaching
Integrated Science Education	Bachelor of Science in Education	
Integrated Social Studies Education	Bachelor of Science in Education	Master of Arts in Teaching
Integrative Studies	Bachelor of Integrative Studies	
Interior Design	Bachelor of Fine Arts	
International Studies	Bachelor of Arts in International Studies	
Journalism	Bachelor of Arts	
Kinesiology	Bachelor of Science in Kinesiology, Nutrition, & Health	
Kinesiology, Nutrition, and Health		Master of Science in Kinesiology, Nutrition, and Health
Learning Sciences and Human Development		Master of Education
Learning Technologies		Master of Education
Liberal Studies	Bachelor of Arts, Bachelor of Science	
Linguistics	Bachelor of Arts	
Literacy and Language		Master of Education
Management		Master of Science in Management
Marketing	Bachelor of Science in Business	
Mathematics	Bachelor of Arts, Bachelor of Science	Master of Arts in Teaching, Master of Science
Mathematics and Statistics	Bachelor of Science	
Mechanical and Smart Manufacturing Engineering		Master of Engineering
Mechanical Engineering	Bachelor of Science in Engineering	Master of Science
Media and Communication	Bachelor of Arts	
Medical Laboratory Science	Bachelor of Science	
Microbiology	Bachelor of Arts, Bachelor of Science	Master of Science, Doctor of Philosophy
Middle Childhood Education	Bachelor of Science in Education	
Music	Bachelor of Arts in Music	
Music Composition	Bachelor of Music	
Music Education	Bachelor of Music	
Music Performance	Bachelor of Music	Master of Music
Nurse Executive Leadership		Master of Science in Nursing
Nursing	Bachelor of Science in Nursing	
Nursing Practice		Doctor of Nursing Practice
Nutrition	Bachelor of Science in Kinesiology, Nutrition, & Health	

Organizational Leadership	Bachelor of Arts	
Philosophy	Bachelor of Arts	Master of Arts
Physician Associate Studies*		Master of Medical Science
Physics	Bachelor of Science	Master of Science
Political Science	Bachelor of Arts	
Primary Education PK-5	Bachelor of Science in Education	
Professional Writing	Bachelor of Arts	
Psychological Science	Bachelor of Arts	
Psychology	Bachelor of Arts	Master of Arts, Doctor of Philosophy (Master of Arts required)
Public Administration	Bachelor of Arts	
Public Health	Bachelor of Arts	
Quantitative Economics	Bachelor of Science	
Quantum Computing	Bachelor of Science in Quantum Computing	
Real Estate	Bachelor of Science in Business	
Robotics Engineering	Bachelor of Science in Engineering	
Sales Management	Bachelor of Science in Commerce	
School Leadership		Master of Education
School Psychology		Master of Science, Specialist in Education
Science Education (seven areas)		Master of Arts in Teaching
Small Business Management	Bachelor of Science in Commerce	
Smart Manufacturing Engineering	Bachelor of Science in Engineering	
Social Gerontology		Doctor of Philosophy
Social Work	Bachelor of Science in Social Work	Master of Social Work
Sociology	Bachelor of Arts	
Software Engineering	Bachelor of Science in Software Engineering	
Spanish	Bachelor of Arts	Master of Arts
Special Education		Master of Education
Speech-Language Pathology		Master of Arts, Master of Science
Speech Pathology and Audiology	Bachelor of Science	
Sport Coaching	Bachelor of Science in Sport Leadership and Management	
Sport Communication and Media	Bachelor of Science in Sport Leadership and Management	
Sport Leadership and Management		Master of Science in Sport Leadership and Management
Sport Management	Bachelor of Science in Sport Leadership and Management	
Statistics		Master of Science in Statistics
Strategic Communication	Bachelor of Arts	
Supply Chain and Operations Management	Bachelor of Science in Business	
Student Affairs in Higher Education		Master of Science
Theatre	Bachelor of Arts in Theatre	
Urban and Regional Planning	Bachelor of Arts	
Zoology	Bachelor of Arts, Bachelor of Science	

* Miami University has applied for Accreditation - Provisional from the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA). Miami University anticipates matriculating its first class in May of 2023, pending achieving Accreditation - Provisional status at the September 2022 ARC-PA meeting. Accreditation - Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA Standards or when a program holding accreditation-provisional status appears to demonstrate continued progress in complying with the Standards as it prepares for the graduation of the first class (cohort) of students.

Minors
Information about these programs is available in the academic division chapters.

Minor	Academic Division
Accountancy	Business
Actuarial Science	Arts and Science
Aerospace Studies	Arts and Science
American Studies	Arts and Science
Animation	Creative Arts
Anthropology	Arts and Science
Applied Social Science	Liberal Arts and Applied Science
Archaeology	Arts and Science
Architecture and Interior Design Studies	Creative Arts
Art and Architecture History	Creative Arts
Art Therapy	Creative Arts
Arts Management	Business; Creative Arts
Bioinformatics	Engineering and Computing
Business	Business
Business Analytics	Business
Business Leadership	Business

Major	College
Child Studies and Youth Development	Education, Health, and Society
Chinese	Arts and Science
Classical Studies	Arts and Science
Climate Accounting and Engineering	Business; Engineering and Computing
Clinical Engineering	Engineering and Computing
Coaching	Education, Health, and Society
Commerce	Liberal Arts and Applied Science
Communication Design	Creative Arts
Communication Studies	Liberal Arts and Applied Science
Community, Leadership, and Social Change	Education, Health, and Society
Comparative Race and Ethnic Studies Minor	Arts and Science
Computer Science	Engineering and Computing
Creative Writing	Arts and Science
Criminal Justice	Liberal Arts and Applied Science
Criminology	Arts and Science
Cybersecurity	Engineering and Computing
Cybersecurity Administration	Liberal Arts and Applied Science
Cybersecurity Management	Business
Dance	Creative Arts
Data Analytics	Arts and Science
Data Intelligence Through Information Technology	Liberal Arts and Applied Science
Deep Learning and Artificial Intelligence	Engineering and Computing
Digital Commerce	Liberal Arts and Applied Science
Digital Innovation	Business
Digital Marketing	Creative Arts
Disability Studies	Education, Health, and Society
Economics	Arts and Science, Business
Electrical Engineering	Engineering and Computing
Emerging Technology in Business and Design	Creative Arts
English Literature	Arts and Science
English Studies	Liberal Arts and Applied Science
Entrepreneurship	Business
Environmental Engineering	Engineering and Computing
Ethics, Society, and Culture	Arts and Science
Family Relationships	Education, Health, and Society
Fashion	Creative Arts
Film Studies	Arts and Science
Finance	Business
Forensic Investigation	Liberal Arts and Applied Science
French	Arts and Science
Games + Simulation	Creative Arts
Geography	Arts and Science
Geology	Arts and Science
German	Arts and Science
Gerontology	Arts and Science
Global Health	Arts and Science
Global Perspectives on Sustainability	Arts and Science
Health Behavior	Education, Health, and Society
History	Arts and Science
Horticulture	Arts and Science
Hospitality Management	Liberal Arts and Applied Science
Human Capital Management and Leadership	Business
Humanitarian Engineering and Computing	Engineering and Computing
Inclusive Special Education	Education, Health, and Society
Individualized Studies	Arts and Science
Information Systems	Business
International Business	Business
International Studies	Arts and Science
Italian	Arts and Science
Japanese	Arts and Science
Journalism	Arts and Science
Latin American Latino/a and Caribbean Studies	Arts and Science
Linguistics	Arts and Science
Management	Business
Marketing	Business
Mathematics	Arts and Science
Mechanical Engineering	Engineering and Computing
Medical Humanities	Arts and Science
Middle East, Jewish, and Islamic Studies	Arts and Science
Molecular Biology	Arts and Science
Museums and Society	Creative Arts
Music Composition	Creative Arts
Music in Culture	Creative Arts
Music Performance	Creative Arts
Music Theatre	Creative Arts
Naval Science	Arts and Science
Neuroscience	Arts and Science
Nutrition	Education, Health, and Society
Paper Engineering	Engineering and Computing
Paper Science	Engineering and Computing
Philosophy and Law	Arts and Science
Philosophy, Politics, and Economics	Arts and Science
Photography	Creative Arts
Physics	Arts and Science
Political Science	Arts and Science
Primary Special Education	Education, Health, and Society
Process Control	Engineering and Computing
Psychological Science	Liberal Arts and Applied Science
Real Estate	Business
Regulatory Affairs	Engineering and Computing
Religion	Arts and Science
Rhetoric/Writing	Arts and Science

Russian, East European, and Eurasian Studies (REEES) Minor	Arts and Science
Sales Management	Liberal Arts and Applied Science
Social Justice	Arts and Science
Sociology	Arts and Science
Spanish	Arts and Science
Sport Analytics	Education, Health, and Society
Sport Management	Education, Health, and Society
Statistical Methods	Arts and Science
Statistics	Arts and Science
Studio Art	Creative Arts
Supply Chain Management	Business
Sustainable Business	Business
Theatre	Creative Arts
Urban Design	Creative Arts
Women's, Gender, and Sexuality Studies	Arts and Science

Associate's Degree Programs

Except for the Associate in Arts, these programs are available only on the regional campuses in Hamilton and Middletown.

Program	Associate's Degree
Commerce	Associate of Applied Business
Computer and Information Technology	Associate in Applied Science
Computer Technology (continuation option for CSE)	Associate in Applied Science
Criminal Justice	Associate in Applied Science
Electrical and Computer Engineering Technology	Associate in Applied Science
General Studies	Associate in Arts
Mechanical Engineering Technology	Associate in Applied Science
Prekindergarten Education	Associate in Applied Science
Technical Study	Associate of Technical Study

Undergraduate Certificate Programs

Programs available on all campuses:

Program	Academic Division
Business in the Global Market	Business
Business Sustainability	Business
Computational Linguistics Certificate	English
Creativity Entrepreneurship	Business
Cybersecurity Management for Accountancy	Business
Deals	Business
Esports Management Undergraduate Certificate	Creative Arts
Financial Mathematics	Arts and Science
Fostering Just Communities	Education, Health, and Society
Foundations of Business Analytics	Business
Geographic Information Science	Arts and Science

Global Readiness	Global Initiatives
Healthcare Sales	Business
Humanities Engagement	Arts and Science
Leadership	Engineering and Computing
Manufacturing Foundations	Liberal Arts and Applied Science
Mathematical Modeling	Arts and Science
Mathematics Education (non-licensure)	Arts and Science
Outdoor Leadership	Education, Health, and Society
Paper Engineering Certificate for Electrical Engineers	Engineering and Computing
Premedical and Pre-Health Studies	Arts and Science
Remote Teaching for K12	Education, Health, and Society
Social Entrepreneurship	Business
Speech Pathology and Audiology	Arts and Science
StartUp Entrepreneurship	Business
Teaching English to Speakers of Other Languages (TESOL) Endorsement Certificate	Education, Health, and Society

Graduate Certificate/Endorsement Programs

Program	Academic Area
Child Life Specialist Graduate Certificate	Department of Family Science & Social Work
College Teaching	Departments of Graduate School and CELTUA
Deals Graduate Certificate	Department of Accountancy
Deep Learning and Generative AI Graduate Certificate	Department of Computer Science & Software Engineering
Dynamical Systems and Mathematical Modeling	Department of Mathematics
Esports Management Graduate Certificate	Department of Emerging Technology in Business & Design
Financial Acumen Graduate Certificate	Department of Business Analysis
Geographic Information Science	Department of Geography
Graduate Certificate in Advanced Business Analytics	Department of Information Systems and Analytics
Graduate Certificate in Advanced Manufacturing and Materials Evaluation	Department of Mechanical & Manufacturing Engineering
Graduate Certificate in Analytics	Department of Information Systems and Analytics
Graduate Certificate in Entrepreneurship and Emerging Technology	Department of Emerging Technology in Business and Design
Leadership Graduate Certificate	Department of Business Analysis
Learning, Cognitive, and Brain Sciences Graduate Certificate	Department of Educational Psychology
Mental Health Intervention	Department of Educational Psychology
Principal Licensure Graduate Certificate	Department of Educational Leadership

Reading Endorsement Certificate	Department of Teaching, Curriculum, & Educational Inquiry
Self-Designed Graduate Certificate in Sport	Department of Sport Leadership & Management
Sport Management Graduate Certificate	Department of Kinesiology and Health
Sport Psychology	Department of Kinesiology and Health
Superintendent Licensure Graduate Certificate	Department of Educational Leadership
Teaching English to Speakers of Other Languages (TESOL) Endorsement Graduate Certificate	Department of Teaching, Curriculum, & Educational Inquiry
Teaching of Writing	Department of English
Women's, Gender, and Sexuality Studies	Department of Women's, Gender, and Sexuality Studies