

# GRADUATE CERTIFICATES

## Graduate Certificate

A Graduate Certificate program is

- a formal collection of courses that together form a coherent program of study offered through an academic unit
- recognition of the acquisition of knowledge and skills in a given field of study
- an academic credential granted by the University of Florida

As such, all Graduate Certificates must follow the requirements of admission, successful completion of approved graduate-level coursework, application to receive the credential, and enrollment during the term in which the certificate is awarded and posted to the transcript.

Additional information can be obtained from the academic unit offering the certificate.

## Graduate Certificates List

For the list of available Graduate Certificates, please see below. For UF Certificate Student Learning Outcomes related to those certificates, go to the SLO Dashboard (<https://public.tableau.com/app/profile/uf.oipr4918/viz/UFStudentLearningOutcomesCertificatesOnly/StudentLearningOutcomes/?publish=yes>) and use the “Certificate” dropdown menu to filter your search.

Agricultural and Life Sciences (<http://cals.ufl.edu/>)

Agriscience Secondary Teaching Preparation

Applications in AI-based SmartAg Systems

Aquaculture and Fish Health

Beekeeping

Biodegradation and Bioremediation

Biosecurity and Biological Invasions

Ecological Restoration

Environmental Education and Communication

Environmental Microbiology

Fertilizer Science and Technology

Forest Health and Resilience

Geographic Information Systems (Closed to new applicants as of Fall 2023)

Geospatial Analysis

Global Agroecology (Closed to new applicants; Inactive Spring 2024)

Landscape Pest Management

Leadership in Agriculture and Natural Resources

Mapping with Unmanned Aerial Systems

Medical Entomology

Microbiome and Health

Natural Resource Policy and Administration

Nonprofit Leadership

Plant Pest Risk Assessment and Management

Quantitative Fisheries Science

Soil Ecosystem Services

Soil, Water, and Public Health

Sustainable Agroecosystems

Sustainable Land Resource and Nutrient Management

Teaching and Learning in Agricultural and Life Sciences

Tropical Agriculture

Urban Pest Management

Weed Science

Wetland and Water Resource Management

Wildlife Forensic Sciences and Conservation

Arts (<http://www.arts.ufl.edu/>)

Arts in Medicine

Arts in Public Health

Curatorial Studies

Museum Studies

Business (<http://warrington.ufl.edu/>)

Financial Services

Tourism and Hospitality Business Management

Design, Construction and Planning (<http://www.dcp.ufl.edu/>)

Construction Project Management

Emergency Services/Disaster Management

Geographic Information Systems (GIS) for Urban/Regional Planners

Historic Preservation

Public Interest Design (effective Fall 2024)

Sustainable Architecture

Sustainable Construction

Sustainable Design

Themed Environments Integration

Urban Analytics

Education (<http://education.ufl.edu/>)

Computer Science K-12 Teaching

Disabilities in Society

Disaster Mental Health Counseling

Dyslexia Assessment & Intervention

Early Childhood Care and Education Policy

Early Childhood Studies

Instructional Design

K-12 Teaching with Technology

Learning Analytics

Managing Distance Education Environments

Online Teaching and Learning

Postsecondary Learning Support

Science or Mathematics Teaching

Secondary English Teaching Preparation

Secondary Teaching Preparation

Teacher Leadership

Engineering (<https://www.eng.ufl.edu/>)

Advanced Manufacturing

Advanced SmartAg Systems

Artificial Intelligence

Biological Systems Modeling

Biomaterials and Tissue Engineering

Civil Infrastructure Assessment

Coastal Engineering and Management

Coastal Resilience Engineering

Control Systems

Critical Infrastructure Protection

Energy Management

Engineering Education

Engineering Innovation

Engineering Leadership

Engineering Project Management

Financial Math and Optimization

Financial Risk Analysis and Management

Financial Technology

FinTech

Fundamental Computer Science

Gas Turbines (Closed to new applicants until Spring 2025)

Hardware and System Security

Information Security

Machine Learning

Materials Characterization

Scientific Computing

Solar Energy

Sustainable and Resilient Energy Engineering

Systems Engineering

Transportation Operations and Planning

Wetland Sciences

Health and Human Performance (<http://hhp.ufl.edu/>)

Artificial Intelligence and Data Analytics in Tourism,  
Hospitality and Event Management

Integrative Strength and Conditioning Science

Sport Event Management

Journalism and Communications (<http://www.jou.ufl.edu/>)

Audience Analytics

Cross-Media Sales

Global Strategic Communication

Health Communication

Science Communications

Social Media Professional

Web Design and Online Communication

Liberal Arts and Sciences (<http://www.clas.ufl.edu/>)

African Studies

Applied Atmospheric Sciences

Chemical Physics	Medical Pharmacology and Therapeutics
Digital Geography and GIS	Medical Physiology
Digital Humanities	Medical Physiology - Cardiovascular/Renal Physiology
Gender and Development	Pharmacy ( <a href="http://pharmacy.ufl.edu/">http://pharmacy.ufl.edu/</a> )
Gerontology	Advanced Forensic DNA Technology
Global Islamic Studies	Applied Pharmacoeconomics
Latin American Studies	Artificial Intelligence in Pharmacy
Medical Anthropology	Clinical Pharmacogenomics
Medical Geography and Global Health	Clinical Pharmacology and Drug Development
Medieval Archaeology	Clinical Research Regulation in Pharmacy
Modern European Studies	Clinical Toxicology
Political Campaigning	Comprehensive Medication Management
Public Affairs	Forensic Death Investigation
Public Archaeology	Forensic DNA and Serology
Second Language Acquisition and Teaching	Forensic Drug Chemistry
Sustainable Development Practice	Fundamentals of Forensic Science
Theory, Modeling, and Computation of Molecules and Materials	Health Equity
Translation Studies	Managed Care Pharmacy Systems
Tropical Conservation and Development Program	Medication Safety and Quality Systems (Closed for new applicants; Inactive as of Summer 2024)
Women's Studies	Model-Informed Drug Development
Medicine ( <a href="https://biomed.med.ufl.edu/">https://biomed.med.ufl.edu/</a> )	Occupational Toxicology
Addiction and Recovery	Patient Safety in Medication Use (Closed for new applicants)
Aging and Geriatric Practice	Pharmaceutical Chemistry
Anatomical Sciences Education	Pharmaceutical Regulation
Biomedical Informatics	Pharmaceutical Value Assessment and Communications
Biomedical Neuroscience	Precision Medicine
Cancer: Biology, Epidemiology, and Outcomes	Public Health and Health Professions ( <a href="http://phhp.ufl.edu/">http://phhp.ufl.edu/</a> )
Clinical and Translational Science	Artificial Intelligence in Public Health and Healthcare
Fundamental Aptitude in Clinical and Translational Science	Forensic Vocational Rehabilitation
Implementation Science	Geriatric Care Management
Medical Anatomy and Physiology	Global Health
Medical Biochemistry and Molecular Biology	One Health
Medical Human Anatomy	Psychiatric Epidemiology
Medical Microbiology	Public Health

Veterinary Medicine (<http://www.vetmed.ufl.edu/>)

Animal Shelter Leadership

Care and Conservation of Aquatic Animals

Forensic Toxicology

Shelter Medicine

Veterinary Forensic Sciences

## Graduate Certificate Policies

For the Graduate Certificate Policy, please download:

<https://grad.ufl.edu/media/gradufl.edu/pdf/certificate-pp.pdf>

For information about the policies governing certificates, please visit the Office of the Provost's website:

<http://aa.ufl.edu/> (<http://aa.ufl.edu/policies/#C>)