



## Approved Undergraduate and Graduate Certificates Offered

University of Massachusetts Amherst • University Analytics and Institutional Research (UAIR)

### Undergraduate

#### Undergraduate Certificate

##### College of Humanities and Fine Arts

Academic English for Speakers of English  
African Studies\*  
American English Linguistics (Hybrid option)  
Arts Management (Online)  
Asian & Asian American Studies  
Asian Pacific American Studies\*  
Buddhist Studies\*  
Choral Conducting  
Design and Creative Technologies  
Ethnomusicology\*  
Film Studies (Online)  
Korean Language  
Logic\*  
Medical Humanities (Hybrid option)  
Medieval Studies  
Middle Eastern Studies\*  
Multicultural Theater Practice  
Native American and Indigenous Studies†  
Professional Translating and Interpreting (Online)  
Professional Writing and Technical Communication  
Queer and Sexuality Studies\*  
Religious Studies  
Reproductive Health, Rights and Justice\*  
Russian, East European and Eurasian Studies\*  
Spanish and Health  
Teaching English as a Second or Other Language  
(TESOL, Hybrid option)  
Translation and Interpreting Studies

##### College of Information and Computer Sciences

Information Security

##### College of Natural Sciences

Arboriculture and Urban Forestry (Online)  
Biotechnology  
Coastal and Marine Sciences\*  
Geographic Information Science and Technology  
Integrated Concentration in Science (iCons)  
International Agricultural Studies  
Public Interest Technology  
Sustainable Food and Farming (Online)

##### College of Social and Behavioral Sciences

Applied Economic Research on Cooperative Enterprises  
Criminology and the Criminal Justice System (Hybrid option)  
Culture, Health and Science\*  
International Relations\*  
Journalism (Online)  
Latin American, Caribbean and Latino Studies†  
Media Literacy  
Political Economy (Online)  
Population Studies  
Public Policy and Administration  
Social Research Analysis  
Social Work and Social Welfare (Hybrid option)

##### College of Engineering

Materials Engineering  
Transit Management and Operations

##### Isenberg School of Management

Business Studies (Online)  
Human Resources Management (Online)  
Real Estate Series  
Sustainable Business Practice (Online)

##### Other

Civic Engagement and Public Service  
International Scholars Program

### Graduate

#### Graduate Certificate

##### College of Humanities and Fine Arts

African Diaspora Studies  
Classical Music Performance  
Conducting  
Design and Creative Technologies  
Feminist Studies  
Film Studies  
Jazz Composition/Arranging  
Jazz Performance  
Music History Pedagogy  
Music Theory Pedagogy  
Native American and Indigenous Studies  
Public History  
Teaching of Writing (Online)  
Translation and Interpreting Studies

##### College of Information and Computer Sciences

Information Security (Hybrid option)  
Statistical and Computational Data Science

##### College of Natural Sciences

Cognitive Science  
Offshore Wind Professional (Online)  
Soft Materials for Life Sciences  
Soil Sciences (Online)  
Sustainable Building Construction (Online)  
Unoccupied Aerial Systems Piloting

##### College of Social and Behavioral Sciences

Advanced Data Analytics and Computational Social Science  
Climate Change, Hazards and Green Infrastructure (Online)  
Cultural Landscape Management  
Data Analytics and Computational Social Science (Online)  
Ethnographic Research  
Latin American, Caribbean, and Latino Studies

##### College of Education

Bilingual and Dual Language Education (Online)  
Digital Media Design & Making (Online)  
Early Grade Reading in Developing Countries (Online)  
Higher Education Leadership (Online)  
Social Justice Education Certificate in  
Teaching for Diversity (Online)

##### College of Engineering

Computer Networking (Hybrid option)  
Computer Systems Security (Hybrid option)  
Decisions Analytics  
Embedded Systems (Hybrid option)  
Engineering Project Management and Leadership (Hybrid option)  
Internet of Things (Hybrid option)  
Microwave Engineering (Online)  
Transit Management and Operations  
Wind Power Engineering

##### Isenberg School of Management

Business Analytics (Online)  
Forensic Accounting (Online)  
Foundations of Management

##### College of Nursing

Nurse Midwifery  
Nursing Education (Online)  
Psychiatric Mental Health Nurse Practitioner (Online)

##### School of Public Health and Health Sciences

Global Health (Online)  
Multicultural Certificate in Communication Disorders  
Population Health for Health Professionals  
Public Health Ethics (Online)

\* Five College Certificate: Under the guidance of faculty advisers on each campus, students choose a progressive series of courses available within the five campuses, in academic off-campus programs, and other approved semester-away programs.

† This certificate is offered as both a UMass Amherst and a Five College Certificate. Requirements may vary between the certificates.