



Department of  
Higher Education

John R. Kasich, Governor  
John Carey, Chancellor

State of Ohio  
Certificate of Authorization

Case Western Reserve University  
CLEVELAND, OHIO

Bachelor of Arts, Bachelor of Science, Bachelor of Science in Engineering, Bachelor of Science in Management, Bachelor of Science in Nursing

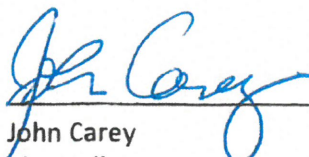
Master of Accountancy, Master of Arts, Master of Business Administration, Master of Engineering, Master of Engineering and Management, Master of Fine Arts, Master of Laws, Master of Nonprofit Organizations, Master of Nursing, Master of Public Health, Master of Science, Master of Science in Anesthesia, Master of Science in Dentistry, Master of Science in Management, Master of Science in Nursing, Master of Science in Physician Assistant Studies, Master of Science in Positive Organizational Development and Change, Master of Science in Social Administration

Doctor of Dental Medicine, Doctor of Juridical Science, Doctor of Medicine, Doctor of Musical Arts, Doctor of Nursing Practice, Doctor of Philosophy, Doctor of Management, Juris Doctor

Please see the attached sheet for the programs of study offered, delivery formats and options available, and off-site locations.

Case Western Reserve University demonstrated compliance with requirements established pursuant to Chapter 1713 of the Ohio Revised Code for the courses, credentials, and sites specified.

Authorization continues through December 31, 2025  
Dates of Authorization

  
John Carey  
Chancellor



25 South Front Street  
Columbus, Ohio 43215

phone 614.466.6000  
fax 614.466.5866  
web [www.OhioHigherEd.org](http://www.OhioHigherEd.org)

### Degrees and Programs Offered

Degree: <b>Bachelor of Arts</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
American Studies <sup>a</sup>	X	X					
Anthropology	X	X					
Anthropology (Archaeology)	X	X	X				
Anthropology (General Anthropology)	X	X	X				
Anthropology (Health Science Oriented Anthropology)	X	X	X				
Anthropology (Medical Anthropology)	X	X	X				
Anthropology (Physical Anthropology)	X	X	X				
Art History	X	X					
Asian Studies	X	X					
Astronomy	X	X					
Biochemistry	X	X					
Biology	X	X					
Chemical Biology	X						
Chemistry	X	X					
Chinese	X						
Classics (Philology)	X	X	X				
Classics (Classical Tradition)	X	X	X				
Classics (Classical Civilization)	X	X	X				
Cognitive Science	X	X					

Communication Sciences	X	X					
Computer Science	X	X					
Dance	X	X					
Dean's Approved Major	X						
Economics	X	X					
English	X	X					
English (Film)	X	X	X				
Environmental Geology	X						
Environmental Studies <sup>a</sup>	X	X					
Evolutionary Biology <sup>a</sup>	X	X					
French	X	X					
French and Francophone Studies	X	X					
Geological Sciences	X	X					
German	X	X					
German Studies	X	X					
Gerontological Studies <sup>a</sup>	X	X					
History	X	X					
History and Philosophy of Science	X	X					
International Studies	X						
Japanese Studies	X						
Mathematics	X	X					
Music	X	X					
Music (Audio Recording)	X		X				
Music (Early Music Performance Practice)	X		X				

Music (General Musicianship)	X		X				
Music (Music History and Literature)	X		X				
Music (Music Theory)	X		X				
Music (Performance)	X		X				
Music (Popular Music)	X		X				
Natural Sciences <sup>a</sup>	X	X					
Nutrition	X	X					
Nutrition (Didactic program in Dietetics)	X		X				
Nutritional Biochemistry and Metabolism	X						
Nutritional Biochemistry and Metabolism (Didactic program in Dietetics)	X		X				
Origins Science	X						
Philosophy	X	X					
Physics	X	X					
Political Science	X	X					
Pre-Architecture <sup>a</sup>	X	X					
Psychology	X	X					
Public Health Studies	X						
Religious Studies	X	X					
Sociology	X	X					
Spanish	X	X					
Statistics	X	X					
Teacher Education <sup>a</sup>	X						
Theater Arts	X	X					

Theater Arts (Acting)	X	X	X				
Theater Arts (Design/Technical Theater)	X	X	X				
Theater Arts (Directing)	X	X	X				
Theater Arts (Dramatic)	X	X	X				
Theater Arts (General Theater)	X	X	X				
Theater Arts (Theater and Society)	X	X	X				
Women's and Gender Studies	X	X					
World Literature	X	X					

<sup>a</sup>Available as a second major only for the B.A., or as the sole major for the B.A. if the student also completes the B.S.

Degree: <b>Bachelor of Science</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Accounting	X	X					
Applied Mathematics	X						
Art Education	X						
Astronomy	X	X					
Biochemistry	X	X					
Biology	X	X					
Chemistry	X	X					
Computer Science	X	X					
Data Science and Analytics	X						
Dean's Approved Major	X						
Geological Sciences	X	X					
Mathematics	X	X					

Mathematics and Physics	X						
Music Education	X						
Nutrition	X	X					
Nutrition (Didactic program in Dietetics)	X		X				
Nutritional Biochemistry and Metabolism	X						
Nutritional Biochemistry and Metabolism (Didactic program in Dietetics)	X		X				
Physics	X	X					
Physics (Biophysics)	X		X				
Physics (Mathematical Physics)	X		X				
Statistics	X	X					
Systems Biology	X						

**Degree: Bachelor of Science in Engineering**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Aerospace Engineering	X						
Biomedical Engineering	X	X					
Biomedical Engineering (Bioelectric Engineering)	X		X				

Biomedical Engineering (Biological Imaging)	X		X				
Biomedical Engineering (Biomaterials)	X		X				
Biomedical Engineering (Biomedical Computing & Analysis)	X		X				
Biomedical Engineering (Biomedical Devices and Instrumentation)	X		X				
Biomedical Engineering (Biomechanics)	X		X				
Biomedical Engineering (Imaging and Computing)	X		X				
Biomedical Engineering (Instrumentation)	X		X				
Biomedical Engineering (Orthopedic Biomaterials)	X		X				
Biomedical Engineering (Polymeric Biomaterials)	X		X				

Biomedical Engineering (Systems and Control)	X		X				
Biomedical Engineering (Tissue Engineering)	X		X				
Chemical Engineering	X	X					
Chemical Engineering – (Biochemical Engineering)	X		X				
Civil Engineering	X	X					
Computer Engineering	X	X					
Electrical Engineering	X	X					
Engineering (undesignated)	X						
Engineering Physics	X						
Materials Science and Engineering	X	X					
Mechanical Engineering	X						
Polymer Science and Engineering	X	X					
Polymer Science and Engineering (Biomaterials)	X		X				
Systems and Control Engineering	X	X					
Systems and Control Engineering (Control Systems)	X		X				
Systems and Control	X		X				



Engineering (Data Analytics)							
Systems and Control Engineering (Energy Systems)	X		X				

<b>Degree: Bachelor of Science in Management</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Business Management	X	X					
Dean's Approved Major	X						
Finance	X						
Marketing	X	X					

<b>Degree: Bachelor of Science in Nursing</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Nursing	X						

<b>Bachelors-level programs not associated with a degree</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Applied Data Science		X					
Art Studio		X					
Art Studio (Photography)		X	X				
Artificial Intelligence		X					
Artificial Intelligence (Cognitive)		X	X				

Sciences)							
Banking and Finance		X					
Childhood Studies		X					
Chinese		X					
Computer Gaming		X					
Creative Writing		X					
Dean's Approved Minor		X					
Electronics		X <sup>b</sup>					
Entrepreneurial Studies		X					
Ethics		X					
Ethnic Studies		X					
Film Studies		X					
Health Communications		X					
History and Philosophy of Science		X					
Italian		X					
Japanese		X					
Judaic Studies		X					
Leadership		X					
Management Information and Decision Systems		X					
Mechanical Design & Manufacturing		X					
Public Policy		X					
Russian		X					
Social Justice		X					
Social Work		X					
Sports Medicine		X					

<sup>b</sup>BA only

Degree: <b>Master of Accountancy</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Financial Reporting & Attestation			X		X		
Taxation			X		X		

Degree: <b>Master of Arts</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Anthropology							
Anthropology (Cross - Cultural Aging)			X				
Anthropology (Medical Anthropology)			X				
Anthropology (Medical Anthropology and Global Health)			X				
Anthropology (Physical Anthropology/Human Biology)			X				
Anthropology (Psychological Anthropology)			X				
Art Education							
Art History							
Art History and Museum Studies							
Bioethics							
Bioethics (Research Ethics)			X				
Cognitive Linguistics							

Communication Sciences							
Contemporary Dance							
English							
French							
Historical Performance Practice							
History							
History (History of Science, Technology, Environment & Medicine)			X				
History (Social History and Policy)			X				
Music Education							
Music History							
Patent Practice							
Political Science							
Psychology							
Religious Studies							
Social Welfare							
Sociology							
Theater Arts							
World Literature							

<b>Degree: Master of Business Administration</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Banking and Finance			X		X		X
Bioscience Entrepreneurship			X		X		X
Consulting			X		X		X
E-Business			X		X		X
Economics			X		X		X
Economics of Innovation & Technology			X		X		X
Entrepreneurship			X		X		X
Financial Analysis and Control			X		X		X

Financial Reporting			X		X		X
Health Systems Management			X		X		X
Health Systems Management/Bioscience			X		X		X
International Management			X		X		X
Labor & Human Resource Policy			X		X		X
Management Information Systems			X		X		X
Management Policy			X		X		X
Marketing			X		X		X
Nonprofit Management			X		X		X
Operations & Supply Chain Management			X		X		X
Operations Management			X		X		X
Operations Research			X		X		X
Organizational Behavior			X		X		X
Organizational Development & Leadership			X		X		X
Organizational & Human Resource Development			X		X		X
Strategic Management			X		X		X
Supply Chain Management			X		X		X
Sustainability			X		X		X
Technology Management			X		X		X

**Degree: Master of Engineering**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Automation, Manufacturing & Control Systems			X				X
Biomedical Engineering			X				X
Computer Engineering			X				X
Environmental Engineering			X				X
Mechanical Engineering			X				X

**Degree: Master of Engineering and Management**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Biomedical			X				
Technology Entrepreneurship			X				

**Degree: Master of Fine Arts**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Contemporary Dance			X				
Theater Arts			X				

Degree: **Master of Laws**

Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
U.S. and Global Legal Studies							
U.S. and Global Legal Studies (Alternative Dispute Resolution /Mediation)			X				
U.S. and Global Legal Studies (Civil Procedure & Arbitration)			X				
U.S. and Global Legal Studies (Criminal Law)			X				
U.S. and Global Legal Studies (Health Care Law)			X				
U.S. and Global Legal Studies (Human Rights Law)			X				
U.S. and Global Legal Studies (Intellectual Property Law)			X				
U.S. and Global Legal Studies (International Business Law)			X				
U.S. and Global Legal Studies (International Law)			X				

U.S. and Global Legal Studies (Public International Law)			X				
U.S. and Global Legal Studies (U.S. Public Law)			X				
Intellectual Property							
International Business Law							
International Criminal Law							

<b>Degree: Master of Nonprofit Organizations</b>							
Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Nonprofit Management							

<b>Degree: Master of Nursing</b>							
Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Nursing							



**Degree: Master of Public Health**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Adolescent Health			X				
Epidemiology			X				
Health Care Policy & Management			X				
Health Promotion & Disease Prevention			X				
International Health			X				
Public Health Research			X				
Urban Health			X				

**Degree: Master of Science**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Aerospace Engineering							
Anatomy							
Applied Anatomy							
Applied Mathematics							
Astronomy							
Biochemical Research							
Biochemistry							
Biology							
Biology (Entrepreneurial Biotechnology)			X				

Biology (Animal Behavior)			X				
Biology (Biochemistry)			X				
Biology (Cell and Developmental)			X				
Biology (Computation)			X				
Biology (Ecology and Evolutionary)			X				
Biology (Genetics)			X				
Biology (Molecular Biology)			X				
Biology (Neurobiology)			X				
Biology (Physiology)			X				
Biology (Plant Biotechnology)			X				
Biomedical Engineering							
Biomedical Engineering (Translational Health Technology)		X					
Biomedical Engineering (Wireless Health)		X					
Cell Biology							
Chemical Engineering						X	
Chemistry							
Chemistry (Biological)			X				
Chemistry (Entrepreneurship)			X				
Chemistry (Inorganic)			X				
Chemistry (Organic)			X				
Chemistry (Physical)			X				
Chemistry (Theoretical)			X				

Civil Engineering							
Clinical Research							
Computer Engineering						X	
Computing and Information Sciences						X	
Electrical Engineering						X	
Electrical Engineering (Wearable Computing)			X				
Electrical Engineering (Wireless Health)			X				
Engineering (undesignated)							
Environmental Health Sciences							
Epidemiology and Biostatistics							
Epidemiology and Biostatistics (Biostatistics)			X				
Epidemiology and Biostatistics (Epidemiology)			X				
Epidemiology and Biostatistics (Genetic & Molecular Epidemiology)			X				
Epidemiology and Biostatistics (Health Policy)			X				
Genetic Counseling							
Genetics							
Geological Sciences							
Macromolecular Science and						X	

Engineering							
Macromolecular Science and Engineering (Fire Safety and Engineering)			X				
Materials Science and Engineering						X	
Mathematics							
Mechanical Engineering						X	
Mechanical Engineering (Fire Safety and Engineering)			X				
Medical Physiology						X	
Molecular Biology and Microbiology							
Molecular Medicine							
Molecular Virology							
Neurosciences							
Nutrition							
Nutrition (Applied Human Nutrition)			X				
Nutrition (Molecular Nutrition)			X				
Nutrition (Nutritional Biochemistry & Metabolism)			X				
Operations Research							
Organizational Behavior							
Pathology							
Pharmacology							
Physics							
Physics (Entrepreneurship)			X				
Physiology							

Public Health Nutrition							
Statistics							
Statistics (Actuarial)			X				
Statistics (Entrepreneurial)			X				
Systems Biology and Bioinformatics							
Systems and Control Engineering						X	

<b>Degree: Master of Science in Anesthesia</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/ blended
Anesthesiology							

<b>Degree: Master of Science in Dentistry</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/ blended
Endodontics							
Oral Medicine							
Orthodontics							
Pediatric Dentistry							
Periodontics							

<b>Degree: Master of Science in Management</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/ blended
Business Analytics				X			
Finance				X	X		
Healthcare				X			

Operations Research and Supply Chain Management				X			
Operations Research and Supply Chain Management (Banking and Finance)			X	X			
Operations Research and Supply Chain Management (Management Information Systems)			X	X			
Operations Research and Supply Chain Management (Operations Management)			X	X			
Operations Research and Supply Chain Management (Operations Research)			X	X			

<b>Degree: Master of Science in Nursing</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Acute Care Nurse Practitioner							X
Acute Care Nurse Practitioner (Adult)			X				X

Adult-Gerontology Acute Care Nurse Practitioner	X						
Adult-Gerontology Acute Care Nurse Practitioner (Flight Nursing)	X						X
Adult-Gerontology Acute Care Nurse Practitioner (Cardiovascular Nursing)	X						X
Adult-Gerontology Primary Care Nurse Practitioner	X						X
Adult-Gerontology Primary Care Nurse Practitioner (Cardiovascular Nursing)	X		X				X
Adult-Gerontology Primary Care Nurse Practitioner (Palliative Care Nursing)	X		X				X
Advanced Public Health Nursing							X
Education with Population Focus	X						
Family Nurse Practitioner	X						X
Family Nurse Practitioner (Cardiovascular Nursing)			X				X
Family Nurse Practitioner (Palliative Care Nursing)	X						X
Family Systems Psychiatric Mental	X						

Health Nursing							
Neonatal Nurse Practitioner	X						X
Nurse Anesthesia	X						X
Nurse Midwifery	X						X
Nursing Informatics							X
Pediatric Nurse Practitioner	X						X
Pediatric Nurse Practitioner in Acute Care	X						
Pediatric Nurse Practitioner (Cardiovascular Nursing)			X				X
RN to Masters							X
Women's Health Nurse Practitioner	X						X

**Degree: Master of Science in Physician Assistant Studies**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Physician Assistant Studies							

**Degree: Master of Science in Positive Organizational Development and Change**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Positive Organizational Development and Change							



**Degree: Master of Science in Social Administration**

Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Community Practice for Social Change	X						
Direct Practice (Aging)	X			X			
Direct Practice (Alcohol)	X			X			
Direct Practice (Children, Youth & Families)	X			X		X	
Direct Practice (Children, Youth & Families: School Social Work)	X			X			
Direct Practice (Children, Youth & Families: Early Intervention)	X			X			
Direct Practice (Health)	X			X			
Direct Practice (Individualized Plan)	X			X			
Direct Practice (Management)	X			X			
Direct Practice (Mental Health with Children/Adolescents)	X			X			
Direct Practice (Mental Health with Adults)	X			X		X	
Direct Practice (Mental Health with Children/Adolescents Early Intervention)	X			X			

**Degree: Doctor of Dental Medicine**

Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Dental Medicine							

**Degree: Doctor of Juridical Science**

Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
General Juridical Science							
Health Law Juridical Science							

**Degree: Doctor of Management**

Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Management							X

**Degree: Doctor of Medicine**

Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Medicine							
Medicine (Urban Health Pathway)			X				

<b>Degree: Doctor of Musical Arts</b>							
Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Historical Performance Practice							

<b>Degree: Doctor of Nursing Practice</b>							
Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Nursing Practice							X
Nursing Practice (Clinical Leadership)			X				X
Nursing Practice (Educational Leadership)			X				X

<b>Degree: Doctor of Philosophy</b>							
Program of study	Major	Minor	Track	Specialization	Accelerated	Distance Education	Hybrid/blended
Aerospace Engineering							
Anatomy							
Anatomy (Evolutionary Biology)			X				
Anthropology							
Anthropology (Cross-Cultural Aging)			X				

Anthropology (Medical Anthropology)			X				
Anthropology (Physical Anthropology/Human Biology)			X				
Anthropology (Psychological Anthropology)			X				
Applied Mathematics							
Art History							
Astronomy							
Biochemistry							
Bioethics							
Biology							
Biology (Animal Behavior)			X				
Biology (Biochemistry)			X				
Biology (Cell and Developmental)			X				
Biology (Computation)			X				
Biology (Ecology and Evolutionary)			X				
Biology (Genetics)			X				
Biology (Molecular Biology)			X				
Biology (Neurobiology)			X				
Biology (Physiology)			X				
Biology (Plant Biotechnology)			X				
Biomedical Engineering							
Cell Biology							
Chemical Engineering							
Chemistry							
Chemistry (Biological)			X				
Chemistry (Inorganic)			X				

Chemistry (Organic)			X				
Chemistry (Physical)			X				
Chemistry (Theoretical)			X				
Civil Engineering							
Clinical Translational Science							
Communication Sciences							
Computer Engineering							
Computing and Information Sciences							
Electrical Engineering							
English							
English (Writing History and Theory)			X				
Environmental Health Sciences							
Epidemiology and Biostatistics							
Epidemiology and Biostatistics (Biostatistics)			X				
Epidemiology and Biostatistics (Epidemiology)			X				
Epidemiology and Biostatistics (Genetic & Molecular Epidemiology)			X				
Epidemiology and Biostatistics (Health Service Research & Policy)			X				
Genetics							
Geological Sciences							
History							

History (History of Science, Technology, Environment & Medicine)			X				
History (Social History and Policy)			X				
Macromolecular Science and Engineering							
Management							
Management (Accounting)			X				
Management (Design and Innovation)			X				
Management (Designing Sustainable Systems)			X				
Management (Entrepreneurship)			X				
Management (Labor & Human Resource Policy)			X				
Management (Management Information Systems)			X				
Management (Management Policy)			X				
Management (Marketing)			X				
Materials Science and Engineering							
Mathematics							
Mechanical Engineering							
Molecular Biology and Microbiology							
Molecular Medicine							
Molecular Virology							
Music Education							
Musicology							
Neurosciences							

Nursing							
Nutrition							
Nutrition (Molecular Nutrition)			X				
Nutrition (Nutritional Biochemistry & Metabolism)			X				
Operations Research							
Organizational Behavior							
Pathology							
Pathology (Cancer Biology)			X				
Pathology (Immunology)			X				
Pathology (Molecular & Cellular Basis of Disease)			X				
Pharmacology							
Pharmacology (Cancer Therapeutics)			X				
Pharmacology (Membrane Biology & Pharmacology)			X				
Pharmacology (Molecular Pharmacology & Cell Regulation)			X				
Pharmacology (Translational Therapeutics)			X				
Physics							
Physiology and Biophysics							
Physiology and Biophysics (Cell Physiology)			X				
Physiology and Biophysics (Molecular/Cellular Biophysics)			X				

Physiology and Biophysics (Systems Physiology)			X				
Political Science							
Psychology							
Psychology (Clinical)			X				
Psychology (Experimental)			X				
Social Welfare							
Sociology							
Statistics							
Statistics (Actuarial)			X				
Statistics (Entrepreneurial)			X				
Systems and Control Engineering							
Systems Biology and Bioinformatics							

<b>Degree: Juris Doctor</b>							
Program of study	Major	Minor	Concentration	Specialization	Accelerated	Distance Education	Hybrid/blended
Business Organizations			X				
Criminal Law			X				
General (no concentration)							
Health Law			X				
International Law			X				
Law, Technology & the Arts			X				
Litigation			X				
Litigation/Alternate Dispute Resolution			X				



National Security Law			X				
Public Law			X				

**Degrees and Programs Offered (Educator Preparation Programs)**

<b>Degree: Bachelor of Arts</b>						
Program of study	Licensure	Endorsement	Certificate	Accelerated	Distance Education	Hybrid/blended
French	X					
Integrated Language Arts	X					
Integrated Mathematics	X					
Integrated Social Sciences	X					
Latin	X					
Life Sciences	X					
Physical Sciences	X					
Spanish	X					

<b>Degree: Bachelor of Science</b>						
Program of study	Licensure	Endorsement	Certificate	Accelerated	Distance Education	Hybrid/blended
Visual Arts	X					
Music	X					

<b>Degree: Master of Arts</b>						
Program of study	Licensure	Endorsement	Certificate	Accelerated	Distance Education	Hybrid/blended
Visual Arts	X					
Music	X					

**Programs Offered (Certificate)**

Program of study	U	PB	M	PM	D	PD	Accelerated	Distance Education	Hybrid/blended
	No. of credit hours (Q/S)								
Non-Profit Management <sup>1</sup>		15s							
Gerontology <sup>2</sup>				12s					
Acute Care Nurse Practitioner/Adult <sup>2</sup>				9-10s <sup>c</sup>					
Acute Care Nurse Practitioner/Flight <sup>2</sup>				9-10s <sup>c</sup>					
Acute Care Nurse Practitioner/Pediatrics <sup>2</sup>				9-10s <sup>c</sup>					
Acute Care Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Adult Oncology/ Palliative Care Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Adult Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Advanced Public Health Nursing <sup>2</sup>				9-10s <sup>c</sup>					
Cardiovascular Nursing <sup>2</sup>				9-10s <sup>c</sup>					
Family Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Gerontological Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Medical-Surgical Nursing <sup>2</sup>				9-10s <sup>c</sup>					
Neonatal Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Nurse Anesthetist <sup>2</sup>				9-10s <sup>c</sup>					
Nurse Midwifery <sup>2</sup>				9-10s <sup>c</sup>					
Nursing Informatics <sup>2</sup>				9-10s <sup>c</sup>					
Pediatric Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Primary Care Pediatrics Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Psychiatric Mental Health Nursing <sup>2</sup>				9-10s <sup>c</sup>					
Public Health Nursing <sup>2</sup>				9-10s <sup>c</sup>					
Women's Health Nurse Practitioner <sup>2</sup>				9-10s <sup>c</sup>					
Adolescent Health <sup>3</sup>				15s					
Advanced Education in General Dentistry <sup>3</sup>						1 yr			

Craniofacial, Surgical and Special Care Orthodontics <sup>3</sup>						1 yr.			
Dental Assisting Program <sup>3</sup>	900 <sup>d</sup>								
Dental Public Health <sup>3</sup>						2 yr.			
Endodontics <sup>3,a</sup>						2 yr			
Oral and Maxillofacial Surgery <sup>3,b</sup>						5 yr			
Oral Medicine <sup>3,a</sup>						2 yr.			
Orthodontics <sup>3,a</sup>						2.5 yr			
Pediatric Dentistry <sup>3</sup>						2 yr			
Periodontics <sup>3,a</sup>						3 yr			
Global Health <sup>45</sup>	12s		12s						
Wireless Health <sup>5</sup>						1 yr.			
Design, Innovation & IP Management <sup>6</sup>						1 yr.			

Key (certificate level):

- U: Undergraduate
- PB: Post-baccalaureate
- M: Master's
- PM: Post-master's  
School of Engineering
- PD: Post-doctorate

Offered by:

- <sup>1</sup> Mandel School of Applied Social Sciences
- <sup>2</sup> FPB School of Nursing
- <sup>3</sup> School of Dental Medicine
- D: Doctorate <sup>5</sup> Case
- <sup>6</sup> School of Law

- Notes: <sup>a</sup> Certificate awarded upon completion of the MS in Dentistry with this specialization  
<sup>b</sup> Certificate awarded as part of a five-year program which includes the M.D. degree.  
<sup>c</sup> Estimated credit hours; actual credit hours required depend on the background preparation of the student. Nursing certificate programs are open only to students who have previously earned the M.S.N. at Case Western Reserve or are concurrently enrolled in the M.S.N. program.  
<sup>d</sup> Clock hours

