

This section of the handbook contains a list of the disciplines in which a master’s degree is not generally available. The minimum qualifications for disciplines on this list are any bachelor’s degree and two years of professional experience, or any associate degree and six years of professional experience. The professional experience required must be directly related to the faculty member’s teaching assignment. The list of “areas also included in the discipline” is not exhaustive. Only those areas are included for which it might not be clear otherwise whether they were intended to be included.

Discipline	Areas Included in the Discipline
Addiction paraprofessional training	
Administration of justice	police science, corrections, law enforcement
Aeronautics	airframe and power plant, aircraft mechanics, aeronautical engineering technician, avionics
Agricultural business and related services	inspection, pest control, food processing/meat cutting
Agricultural engineering	equipment and machinery, farm mechanics
Agricultural production	animal science, plant science, beekeeping, aquaculture
Air conditioning, refrigeration, heating	solar energy technician
Animal training and management	exotic animal training
Appliance repair	vending machines
Archaeological technology	
Architecture	
Athletic training	<i>(Note: This discipline listing applies only to instructors teaching apportionment generating courses in the subject of athletic training. Non-apportionment-generating athletic training activity is not subject to minimum qualifications.)</i>
Auto body technology	antique and classic auto restoration
Automotive technology	
Aviation	flight, navigation, ground school, air traffic control
Banking and finance	
Barbering	
Bicycle repair	
Bookbinding	
Broadcasting technology	film making/video, media production, radio/TV

DISCIPLINES IN WHICH A MASTER'S DEGREE IS NOT GENERALLY EXPECTED OR AVAILABLE BUT WHICH REQUIRES A SPECIFIC BACHELOR'S OR ASSOCIATE DEGREE

Discipline	Areas Included in the Discipline
Building codes and regulations	inspecting of construction, building codes, contractor training
Building maintenance	
Business machine technology	
Cabinet making	
Cardiovascular technology	
Carpentry	
Ceramic technology	
Coaching	
Commercial art	sign making, lettering, packaging, rendering
Commercial music	
Computer information systems	computer network installation, microcomputer technology, computer applications
Computer service technology	
Construction management	
Construction technology	
Cosmetology	
Court interpreting	
Court reporting	
Culinary arts/food technology	food service, meat cutting, baking, waiter/waitressing, bartending
Dental technology	dental assisting, dental hygiene
Diagnostic medical technology	diagnostic medical sonography, neurodiagnostic technology, polysonographic technology
Diesel mechanics	
Dietetic technician	
Drafting	CADD (computer-aided drafting/design), CAD (computer-aided design), CAD (computer-aided drafting)
Electricity	electrical power distribution

Discipline	Areas Included in the Discipline
Electromechanical technology	industrial mechanical technology
Electromicroscopy	
Electronic technology	radio, television, computer repair, avionics
Electronics	
Electroplating	
Emergency medical technologies	
Engineering support	surveying, engineering aides
Environmental technologies	environmental hazardous material technology, hazardous material abatement, environmentally conscious manufacturing, waste water pretreatment, air pollution control technology, integrated waste management, water treatment, sewage treatment
Equine science	equine training, equitation, farrier science, pack horse management
Estimating	
Fabric care	laundry and dry cleaning
Fashion and related technologies	merchandising, design, production
Fire technology	
Flight attendant training	
Fluid mechanics technology	
Folk dance	
Forestry/natural resources	range management; soil, air and water resources; fish/wildlife management; parks and recreation
Furniture making	
Graphic arts	desktop publishing
Gunsmithing	
Health care ancillaries	medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, massage therapy
Health information technology	medical record technology
Heavy duty equipment mechanics	

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Discipline	Areas Included in the Discipline
Hotel and motel services	
Industrial design	
Industrial maintenance	
Industrial relations	
Industrial safety	
Industrial technology	foundry occupations
Insurance	
Interior design	
Janitorial services	
Jewelry	
Labor relations	
Legal assisting	paralegal
Library technology	
Licensed vocational nursing	
Locksmithing	
Machine tool technology	tool and die making
Manufacturing technology	quality control, process control
Marine diving technology	
Marine engine technology	
Martial arts/self-defense	
Masonry	concrete, cement work, bricklaying
Materials testing technology	destructive testing or nondestructive examination
Media production	Also see broadcasting technology
Medical instrument repair	
Military studies	military science <i>(Note: the professional experience required for this discipline must be in the military pay grade of E-7 or above).</i>
Mining and metallurgy	oil field operations
Mortuary science	
Motorcycle repair	
Multimedia	
Music management	
Music merchandising	
Musical instrument repair	
Nursing science/clinical practice	

Discipline	Areas Included in the Discipline
Occupational therapy assisting	
Office technologies	secretarial skills, office systems, word processing, computer applications, automated office training
Ornamental horticulture	landscape horticulture, design, maintenance, landscape architecture, floristry, floral design
Pharmacy technology	
Photographic technology/commercial photography	
Physical therapy assisting	
Piano tuning and repair	
Plastics	
Plumbing	
Printing technology	typography, composition, printing
Private security	security management, safety/accident control, hazardous substance management, crime prevention
Prosthetics and orthotics	
Psychiatric technician	
Public relations	
Radiological technology	
Radiation therapy	
Real estate	
Registered veterinary technician	
Rehabilitation technician	
Respiratory technician	
Respiratory technologies	
Restaurant management	
Retailing	purchasing, merchandising, sales
Robotics	computer integrated manufacturing
Sanitation and public health technology	
Search and rescue	
Sheet metal	
Ship and boat building and repair	
Shoe rebuilding	
Sign language, American	
Sign language/English Interpreting	
Small business development	entrepreneurship
Small engine mechanics	
Stagecraft	

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Discipline	Areas Included in the Discipline
Steamfitting	
Surgical technology	
Telecommunication technology	
Transportation	
Travel services	dispatching
Upholstering	
Vision care technology	
Watch and clock repair	
Welding	