NAPA VALLEY COLLEGE

Curriculum Handbook

Chapter 9: The Board of Governors Disciplines List

Overview

This following section contains a condensed version of the BOG Disciplines list that is used by the Curriculum Committee and Faculty Authors to appropriately assign each course to a discipline.

Minimum Qualifications

for

Faculty and Administrators

in

California Community Colleges

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Introduction

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DISCIPLINES REQUIRING
A MASTER'S DEGREE

These disciplines lists must be used in conjunction with the Board of Governors minimum qualifications regulations (Title 5 Sections 53400-53430). Applicable rules specified in Title 5 include the following:

- Degrees and credits generally must be from accredited institutions (Section 53406).
- An occupational license or certificate is required in certain instances (Section 53417).
- A district may hire a person who possesses qualifications different from, but equivalent to, those listed on the disciplines list, according to criteria and procedures agreed upon by the governing board and the academic senate (Section 53430).

Title 5 regulations also specify minimum qualifications for additional faculty members, including health services professionals, non-credit instructors, apprenticeship instructors, DSP&S personnel, EOPS personnel, learning assistance and tutoring coordinators, and work experience coordinators.

Whenever this list mentions a master's degree, any degree beyond the master's would also satisfy that qualification.

Under each of the disciplines below, the phrase 'OR the equivalent' refers to the possibility of hiring faculty who do not possess the exact degrees listed, under a local process developed and agreed upon by representatives of the governing board and the academic senate, as provided for in Education Code Section 87359 and Title 5 Section 53430.

Further, these lists only reflect the statewide minimums for persons to be considered qualified to teach in a discipline. Each district may establish additional qualifications which are more rigorous than those listed herein.

Discipline	Areas also included in the discipline
Accounting:	Master's in accountancy or business administration with accounting concentration OR Bachelor's in business with accounting emphasis or business administration with accounting emphasis or economics with an accounting emphasis AND Master's in business, business administration, business education, taxation, or finance OR The equivalent (NOTE: A Bachelor's degree with a CPA license is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)
Agriculture:	Master's in agriculture, agriculture sciences or education with a specialization in agriculture OR Bachelor's in any of the above AND Master's in agriculture business, natural resources, animal science, plant science, soil science, forestry, pomology, agricultural engineering, environmental horticulture, agronomy, viticulture or enology OR The equivalent
Anthropology:	Master's in anthropology or archaeology OR Bachelor's in either of the above AND Master's in sociology, biological sciences, forensic sciences, genetics or paleontology OR
Art:	Master's in fine arts, art, or art history OR Bachelor's in any of the above AND Master's in humanities OR The equivalent (NOTE: "Master's in fine arts" as used here refers to any master's degree in the subject matter of fine arts, which is defined to include visual studio arts such as drawing, painting, sculpture, printmaking, ceramics, textiles, and metal and jewelry art; and also art education and art therapy. It does not refer to the "Master of Fine Arts" (MFA) degree when that degree is

	based on specialization in performing arts or dance, film, video, photography, creative writing, or other non-plastic arts.)
Astronomy:	See Physics/Astronomy
Biological Sciences:	Master's in any biological science OR Bachelor's in any biological science AND Master's in biochemistry, biophysics, or marine science OR The equivalent
Business:	Master's in business, business management, business administration, accountancy, finance, marketing, or business education OR Bachelor's in any of the above AND Master's in economics, personnel management, public administration, or JD or LL.B. degree OR Bachelor's in economics with a business emphasis AND Master's in personnel management, public administration, or JD or LL.B. degree OR The equivalent
Business Education:	Master's in business, business administration, or business education OR Bachelor's in any of the above AND Master's in vocational education OR The equivalent
Chemistry:	Master's in chemistry OR Bachelor's in chemistry or biochemistry AND Master's in biochemistry, chemical engineering, chemical physics, physics, molecular biology, or geochemistry OR The equivalent
Child Development/ Early Childhood Education:	Master's in child development, early childhood education, human development, home economics/family and consumer studies with a specialization in child development/early childhood

	education, educational psychology with a specialization in child development/early childhood education OR Bachelor's in any of the above AND Master's in social work, educational supervision, elementary education, special education, psychology, bilingual/bicultural education, life management/home economics, family life studies, or family and consumer studies OR The equivalent
Communication Studies: (Speech Communications)	Master's in speech, speech broadcasting, telecommunications, rhetoric, communication, communication studies, speech communication, or organizational communication OR Bachelor's in any of the above AND Master's in drama/theater arts, mass communication, or English OR The equivalent
Computer Science:	Master's in computer science or computer engineering OR Bachelor's in either of the above AND Master's in mathematics, cybernetics, business administration, accounting or engineering OR Bachelor's in engineering AND Master's in cybernetics, engineering mathematics, or business administration OR Bachelor's in mathematics AND Master's in cybernetics, engineering, mathematics, or business administration OR Bachelor's degree in any of the above AND a Master's degree in information science, computer information systems, or information systems OR The equivalent (NOTE: Courses in the use of computer programs for application to a particular discipline may be classified, for minimum qualifications purposes, under the discipline of the application.)
Counseling:	Master's in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling,

	educational counseling, social work, career development, marriage and family therapy, or marriage, family and child counseling, OR The equivalent (NOTE: A license as a Marriage and Family Therapist (MFT) is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)
Dance:	Master's in dance, physical education with a dance emphasis, or theater with dance emphasis, OR Bachelor's in any of the above AND Master's in physical education, any life science, physiology, theater arts, kinesiology, humanities, performing arts, or music OR The equivalent
Dietetics:	See Nutritional Science/Dietetics
Drama/Theater Arts:	Master's in drama/theater arts/performance OR Bachelor's in drama/theater arts/performance AND Master's in comparative literature, English, speech, literature, or humanities OR The equivalent
Earth Science:	Master's in geology, geophysics, earth sciences, meteorology, oceanography, or paleontology OR Bachelor's in geology AND Master's in geography, physics, or geochemistry OR The equivalent
Ecology:	Master's in ecology or environmental studies OR The equivalent OR See Interdisciplinary Studies
Economics:	Master's in economics OR

	Bachelor's in economics AND Master's in business, business administration, business management, business education, finance, or political science OR The equivalent
Education:	Master's in education OR The equivalent
Engineering:	Master's in any field of engineering OR Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology OR The equivalent (NOTE: A Bachelor's in any field of engineering with a professional engineer's license is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)
Engineering Technology:	Master's in any field of engineering technology or engineering OR Bachelor's degree in either of the above AND Master's degree in physics, mathematics, computer science, biological science, or chemistry, OR Bachelor's degree in industrial technology, engineering technology or engineering AND a professional engineer's license OR The equivalent
English:	Master's in English, literature, comparative literature, or composition OR Bachelor's in any of the above AND Master's in linguistics, TESL, speech, education with a specialization in reading, creative writing, or journalism OR The equivalent
ESL:	Master's in TESL, TESOL, applied linguistics with a TESL emphasis, linguistics with a TESL emphasis, English with a

	TESL emphasis, or education with a TESL emphasis OR Bachelor's in TESL, TESOL, English with a TESL certificate, linguistics with a TESL certificate, applied linguistics with a TESL certificate, or any foreign language with a TESL certificate AND Master's in linguistics, applied linguistics, English, composition, bilingual/bicultural studies, reading, speech, or any foreign language OR The equivalent
Ethnic Studies:	Master's in the ethnic studies field OR The equivalent OR See Interdisciplinary Studies
Family and Consumer and Studies/Home Economics:	Master's in family and consumer studies, life management/home economics, or home economics education OR Bachelor's in any of the above AND Master's in child development, early childhood education, human development, gerontology, fashion, clothing and textiles, housing/interior design, foods/nutrition, or dietetics and food administration OR The equivalent
Film Studies:	Master's degree in film, drama/theater arts, or mass communication OR Bachelor's degree in any of the above AND Master's degree in media studies, English, or communication OR The equivalent
Foreign Languages:	Master's in the language being taught OR Bachelor's in the language being taught AND Master's in another language or linguistics OR The equivalent
Geography:	Master's in geography OR Bachelor's in geography AND Master's in geology, history,

	meteorology, or oceanography OR The equivalent OR See Interdisciplinary Studies
Gerontology:	Master's in gerontology OR The equivalent OR See Interdisciplinary Studies
Health:	Master's in health science, health education, biology, nursing, physical education, dietetics, or nutrition OR Bachelor's in any of the above AND Master's in public health, or any biological science OR The equivalent
Health Services Director/ Health Services Coordinator/ College Nurse:	Minimum Qualifications for these faculty members specified in Title 5 Section 53411.
History:	Master's in history OR Bachelor's in history AND Master's in political science, humanities, geography, area studies, women's studies, social science, or ethnic studies OR The equivalent
Humanities:	Master's in humanities OR The equivalent OR See Interdisciplinary Studies
Instructional Design/ Technology:	Master's in instructional design/technology OR The equivalent
Interdisciplinary Studies:	Master's in the interdisciplinary area OR Master's in one of the disciplines included in the interdisciplinary area and upper division or graduate course work in at least one other constituent discipline

Journalism:	Master's in journalism or communication with a specialization in journalism OR Bachelor's in either of the above AND Master's in English history, communication, literature, composition, comparative literature, any social science, business, business administration, marketing, graphics, or photography OR The equivalent
Law:	JD or LL.B. (NOTE: Courses in aspects of law for application to a particular discipline may be classified, for minimum qualifications purposes in the discipline of the application.)
Learning Assistance Instructors:	Minimum Qualifications for these faculty members are specified in Title 5 Section 53415.
Library Science:	Master's in library science, library and information science, OR The equivalent
Linguistics:	Master's in linguistics or applied linguistics OR Bachelor's in linguistics AND Master's in TESOL, anthropology, psychology, sociology, English, or any foreign language OR The equivalent
Management:	Master's in business administration, business management, business education, marketing, public administration, or finance OR Bachelor's in any of the above AND Master's in economics, accountancy, taxation, or law OR The equivalent
Marketing:	Master's in business administration, business management, business education, marketing, advertising, or finance OR Bachelor's in any of the above AND Master's in economics,

	accountancy, taxation, or law OR The equivalent
Mass Communication:	Master's in radio, television, film, mass communication, or communication, journalism OR Bachelor's in any of the above AND Master's in drama/theater arts, communication, communication studies, business, telecommunications, or English OR The equivalent
Mathematics:	Master's in mathematics or applied mathematics OR Bachelor's in either of the above AND Master's in statistics, physics, or mathematics education OR The equivalent
Music:	Master's in music OR Bachelor's in music AND Master's in humanities OR The equivalent
Nursing:	Master's in nursing OR Bachelor's in nursing AND Master's in health education or health science OR The equivalent OR The minimum qualifications as set by the Board of Registered Nursing, whichever is higher
Nutritional Science/Dietetics:	Master's in nutrition, dietetics, or dietetics and food administration OR Bachelor's in any of the above AND Master's in chemistry, public health, or family and consumer studies/home economics OR The equivalent (NOTE: A Bachelor's in nutrition, dietetics, or dietetics and food administration, and certification as a registered dietitian, is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)

Philosophy:	Master's in philosophy OR Bachelor's in philosophy AND Master's in humanities or religious studies, OR The equivalent
Photography:	Master's in photography, fine arts, or art OR Bachelor's in any of the above AND Master's in art history or humanities OR The equivalent
Physical Education:	Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adaptive physical education, OR Bachelor's in any of the above AND Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy OR The equivalent
Physical Sciences:	See Interdisciplinary Studies
Physics/Astronomy:	Master's in physics, astronomy, or astrophysics OR Bachelor's in physics or astronomy AND Master's in engineering, mathematics, meteorology, or geophysics OR The equivalent
Political Science:	Master's in political science, government, public administration, or international relations OR Bachelor's in any of the above AND Master's in economics, history, social science, sociology, any ethnic studies, JD, or LL.B. OR The equivalent

Psychology: Master's in psychology OR	Bachelor's in psychology AND Master's in counseling, sociology, statistics, neuroscience, or social work OR The equivalent
Reading:	Master's in education with a specialization in reading or teaching reading OR Bachelor's in any academic discipline AND twelve semester units of course work in teaching reading AND Master's in English, literature, linguistics, applied linguistics, composition, comparative literature, TESL, or psychology OR The equivalent
Recreation Administration:	Master's in recreation administration or physical education OR Bachelor's in either of the above AND Master's in dance, gerontology, or public administration, OR The equivalent
Religious Studies:	Master's in religious studies, theology, or philosophy OR Bachelor's in any of the above AND Master's in humanities OR The equivalent
Social Science:	Master's in social science OR See Interdisciplinary Studies
Sociology:	Master's in sociology OR Bachelor's in sociology AND Master's in anthropology, any ethnic studies, social work, or psychology OR The equivalent
Special Education:	Minimum Qualifications for these faculty members are specified in Title 5 Section 53414.
Speech Communication:	See Communication Studies.
Theater Arts:	See Drama/Theater Arts

Women’s Studies:	Master’s in women’s studies OR The equivalent OR See Interdisciplinary Studies

DISCIPLINES IN WHICH A MASTER'S DEGREE IS NOT GENERALLY EXPECTED OR AVAILABLE

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience. Please see other notes at the beginning of "Disciplines Requiring A Master's Degree."

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 also included in the discipline
Addiction Paraprofessional Training:	
Administration of Justice:	Police science, corrections, law enforcement
Aeronautics:	Airframe and powerplant, aircraft mechanics, aeronautic cal 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:	(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.)
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
Building Codes and Regulations:	Inspecting of construction, building codes, contractor training
Building Maintenance:	
Business Machine Technology:	

Cabinet Making:

Cardiovascular Technology:

Carpentry:

Coaching:

Commercial Art: Sign making, lettering, packaging, rendering

Commercial Music:

Ceramic Technology:

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 service, meat cuffing, baking, waiter/waitressing, bar Nurture

Food Technology:

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
Electromechanical Technology:	Industrial mechanical technology
Electronics:	
Electronic Technology:	Radio, television, computer repair, avionics
Electromicroscopy:	
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:	

Hotel and Motel Services:

Industrial Design:

Industrial Maintenance:

Industrial Relations:

Industrial Safety:

Industrial Technology: Foundry occupations

Interior Design:

Insurance:

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:	
Mining and Metallurgy:	Oil field operations
Mortuary Science:	
Motorcycle Repair:	
Multimedia:	
Music Management:	
Music Merchandising:	
Musical Instrument Repair:	
Nursing Science/ Clinical Practice:	
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:

Steamfitting:

Surgical Technology:

Telecommunication Technology:

Transportation:

Travel Services: Dispatching

Upholstering:

Vision Care Technology:

Watch and Clock Repair:

Welding: