

Ohio Board of Regents

Sources: HEI; Valid T Subject Codes List; ODOE Website; IES USDOE; Peer Collaborative Resource Network

ODE Agricultural & Environmental Systems ***** Agriculture, Food and Natural Resource Career Cluster 1.0000	Agriculture	Natural Science & Mathematics		
			10101 Agricultural Business and Management, General	Applying modern economic and business principles involved in the organization, operation and management of farm and ag. Businesses.
			10102 Agricultural Business/Agribusiness Operations	Applying modern business and economic principles relating to the production and marketing of ag. Modern business and economic principles relating to the allocation of resources in the production and marketing of ag. products and svcs. in the domestic and international markets.
			10103 Agricultural Economics	
			10104 Farm and Ranch Management	Farm or ranch management: computer-assisted management analysis, accounting, taxes, production, financing, capital resources, purchasing, government programs, farm inputs, performance records, marketing of ag. products and svcs. in the domestic and international markets.
			10199 Agricultural Business and Management, Other	A course in ag. business and management not otherwise described.
			10201 Agricultural Mechanization, General	Sales, selection, service of agriculture or agribusiness technical equipment and facilities (computers, specialized software, power units, machinery, equipment, structures and utilities); ag. power units; planning/selecting materials for ag. facilities construction; the mechanical practices regarding irrigation and water conservation; erosion control; and data processing systems.
			10204 Agricultural Power Machinery Operator	Preparation to install, operate, service, maintain, and repair various ag. power units, vehicles, machinery and equipment; gas, diesel, and electric power units; welding; refrigeration; and hydraulic systems.
			10299 Agricultural Mechanization, Other	A course in ag. mechanization not otherwise described.
			10301 Agricultural Production Workers and Managers, General	Preparation to plan and economically use facilities, natural resources, labor and capital in the production of plant and animal products.
			10302 Agricultural Animal Husbandry and Production Management	Preparation to select, breed, care for and market livestock and small farm animals; operation of animal production enterprises.
			10303 Aquaculture Operations and Production Management	Preparation to select, culture, propagate, harvest and market domesticated fish, shellfish and marine plants; operation of fish farms and related enterprises.
			10304 Crop Production Operations and Management	Preparation to operate enterprises producing cereal grain, fiber, forage, oilseed, tree fruits and nuts.
			10399 Agricultural Production Workers and Managers, Other	A course in ag. production not otherwise described.
			10401 Agricultural and Food Products Processing Operations and Management	Preparation to receive, inspect, store and process ag. food or products preparatory to marketing; characteristics and properties of ag. products, and processing and storage techniques.
			10501 Agricultural Supplies Retailing and Wholesaling	Preparation to sell supplies for ag. production, provide ag. svcs. and purchase and market ag. Products.

Ohio Board of Regents

ODE Finance ***** Finance Career Cluster 6:0000		Finance	Business
520601	Business/Managerial Economics		Application of economics principles to the analysis of the organization and operation of business enterprises, monetary theory, banking and financial systems, theory of competition, pricing theory, wage and salary/incentive theory, analysis of markets, applications of econometrics and quantitative methods to the study of particular businesses and business problems.
520801	Finance, General		Preparation to plan, manage, and analyze the financial and monetary aspects and performance of business enterprises, banking institutions, or other organizations, principles of accounting, financial instruments, capital planning, funds acquisition, asset and debt management, budgeting, financial
520802	Actuarial Science		Mathematical/statistical analysis of risk, and their applications to insurance and other business management problems, forecasting theory, quantitative and non-quantitative risk measurement methodologies, development of risk tables, secondary data analysis, computer-assisted research methods.
520803	Banking and Financial Support Services		Preparation to perform a wide variety of customer services in banks, insurance agencies, savings and loan companies, and related enterprises, communications and public relations skills, business equipment operation, and technical skills applicable to the methods and operations of specific financial or insurance services.
520804	Financial Planning		Preparation to plan and manage the financial interests and growth of individuals and institutions, portfolio management, investment management, estate planning, insurance, tax planning, strategic investing and planning, financial consulting services, client relations.
520805	Insurance and Risk Management		Preparation to manage risk in organizational settings and provide risk-aversion services to businesses, individuals, and other organizations, risk theory, causality insurance and general liability, property insurance, employee benefits, social and health insurance, loss adjustment, underwriting, pension planning.
520806	International Finance		Preparation to manage international financial operations and related currency transactions, international banking, international monetary and financial policy, money and capital markets, foreign exchange, risk analysis, international cash flow operations.
520807	Investments and Securities		Preparation to manage assets placed in capital markets, and related technical operations, security analysis, debt and equity analysis, investment strategies, securities markets, computer-assisted research, portfolio management, portfolio performance analysis, applications to specific investment problems and business situations.
520808	Public Finance		Preparation to manage the financial assets and budgets of public and/or organizations, public trusts and investments, the laws and procedures used to plan, prepare and administer public agency, budgets, preparation and analysis of public budget projections and policies.
520899	Financial Management and Services, Other		A course in financial management and services not otherwise described.

Accounting

Business

Ohio Board of Regents

ODE Health Science ***** Health Science Career Cluster 8.0000	Nursing	Health
520301	Accounting	Preparation to practice the profession of accounting, and to perform related business functions, accounting principles/theory, financial accounting, managerial accounting, cost accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement analysis, planning and consulting, business information systems, accounting research methods, professional standards and ethics, and applications to specific for-profit, public, and non-profit organizations.
520302	Accounting Tech/Technician and Bookkeeping	Preparation to provide technical administrative support to professional accountants and other financial management personnel, posting transactions to accounts, record-keeping systems, accounting software operations, general accounting principles/practices.
520399	Accounting and Related Services, Other	A course in accounting not otherwise described.
521601	Taxation	Preparation to provide tax advice and management services to individuals and corporations, tax law and regulations, tax record systems, individual and corporate income taxation, tax planning, partnerships and fiduciary relationships, estates and trusts, property depreciation, capital gains and losses, dispositions, transfers, liquidity, valuation, applications to specific tax problems.
511601	Nursing (R.N. Training)	Preparation in the knowledge, techniques and procedures for promoting health, providing care for sick, disabled, infirm, or other individuals or groups; the administration of medication and treatments, assisting a physician during treatments and examinations, referring patients to physicians and other health care specialists, and obtaining education for health maintenance.
511610	Nursing, Psychiatric/Mental Health (Post-R.N.)	Preparation to promote mental health and provide nursing care to patients with mental, emotional or behavioral disorders, in mental institutions or other settings.
511612	Nursing, Surgical (Post-R.N.)	Preparation to provide care to patients before and during surgery, and provide tableside assistance to surgeons.
511613	Practical Nurse (L.P.N. Training)	Preparation to assist in providing general nursing care under the direction of a registered nurse, physician or dentist; taking patient vital signs, applying sterile dressings, patient health education and assistance with examinations and treatment.
511614	Nursing Assistant/Aide	Preparation to perform routine nursing-related svcs. to patients in hospitals or long-term care facilities, under the training and supervision of a registered nurse or licensed practical nurse.
511615	Home Health Aide	Preparation to assist elderly, convalescent or handicapped patients in their homes by providing for their physical, mental, emotional and/or social health care needs, under the supervision of a registered nurse.
511699	Nursing, Other	A course in nursing not otherwise described.
301101	Gerontology	Study of the human aging process and aged human populations, using the knowledge and methodologies of the social sciences, psychology and the biological and health sciences.
510703	Health Unit Coordinator/Ward Clerk	Preparation to perform routine clerical and reception duties in a patient care unit within a hospital or other health care facility; receiving and directing visitors, transcribing medical orders, preparing requisition forms, scheduling appointments and monitoring the location of patients and personnel, under the supervision of a head nurse or ward supervisor.

Ohio Board of Regents

ODE Law & Public Safety ***** Law, Public Safety, Corrections and Security Career Cluster 12.0000	Protective Services	Unclassified	Subject Code	Subject Title	Subject Description
			430102	Corrections/Correctional Administration	Apply the theories, principles, and techniques of correctional science to the development, administration and implementation of procedures for the incarceration, supervision, and rehabilitation of legal offenders
			430103	Criminal Justice/Law Enforcement Administration	Apply the theories and practices of criminal justice to structuring, managing, directing, and controlling criminal justice agencies, including police departments, sheriff's departments, law enforcement divisions and units, and private protective svcs.
			430104	Criminal Justice Studies	Study of the criminal justice system, its organizational components and processes, and its legal and public policy contexts; criminal law and policy, police and correctional systems organization, the administration of justice and the judiciary, and public attitudes regarding criminal justice issues
			430106	Forensic Technology/Technician	Crime scene and laboratory analyses and evaluations of evidentiary materials, including human remains, under the supervision of a pathologist, forensic administrator or other law enforcement personnel; principles of pathology, laboratory technology and procedures, dusting and fingerprinting, reconstructive analysis and related skills
			430107	Law Enforcement/Police Science	Preparation to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operation and maintenance, report preparation, and other routine law enforcement responsibilities
			430109	Security and Loss Prevention Services	Preparation to perform routine inspection, patrol and crime prevention svcs. for private clients; the provision of personal protection as well as property security
			430199	Corrections and Criminal Justice, Other	A course in corrections and criminal justice not otherwise described
			430201	Fire Protection and Safety Technology/Technician	Apply a knowledge of fire prevention and control skills to problems of reducing fire risk, loss limitation, supervising substance removal, conducting fire investigations, and advising on matters of safety
			430202	Fire Services Administration	Preparation to structure, manage, direct, and control fire departments, fire prevention svcs, fire inspection and investigation offices, and ancillary rescue svcs.
			430203	Fire Science/Firefighting	Preparation to perform the duties of fire fighters; firefighting equipment operation and maintenance, principles of fire science and combustible substances, methods of controlling different types of fires, hazardous material handling and control, fire rescue procedures, public relations, and applicable laws and regulations
			430299	Fire Protection, Other	A course in fire protection not otherwise described
			439999	Protective Services, Other	A course in protective svcs. not otherwise described
	ROTC	Unclassified			