

Ministry of Higher Education

National Training Needs List 2021		
Main Field	Sub Field	Detailed field
Personal skills and development	Personal skills and development	Personal skills and development
Education	Education Science	Curriculum development (theory)
Education	Education Science	Curriculum studies
Education	Education Science	Didactics
Education	Education Science	Distance education methodology
Education	Education Science	Education science
Education	Education Science	Educational assessment, testing and measurement
Education	Education Science	Educational evaluation and research
Education	Education Science	Pedagogical sciences (education)
Education	Training for pre-school teachers	Training for pre-school teachers
Education	Teacher training without subject specialization	Teacher training without subject specialization
Education	Teacher training with subject specialization	Teacher training with subject specialization
Arts and humanities	Audio-visual techniques and media productions	Animation
Arts and humanities	Audio-visual techniques and media productions	Computer graphics
Arts and humanities	Audio-visual techniques and media productions	Graphic design
Arts and humanities	Audio-visual techniques and media productions	Graphic reproduction
Arts and humanities	Audio-visual techniques and media productions	Illustration
Arts and humanities	Audio-visual techniques and media productions	Interactive media design
Arts and humanities	Audio-visual techniques and media productions	Multimedia production
Arts and humanities	Audio-visual techniques and media productions	Photography
Arts and humanities	Audio-visual techniques and media productions	Radio and TV production
Arts and humanities	Fashion, interior and industrial design	Fashion design
Arts and humanities	Fashion, interior and industrial design	Interior design
Arts and humanities	Fine arts	Art studies
Arts and humanities	Fine arts	Calligraphy
Arts and humanities	Fine arts	Fine art
Arts and humanities	Fine arts	Lithography
Arts and humanities	Fine arts	Painting

Arts and humanities	Handicrafts	Conservation of cultural material
Arts and humanities	Handicrafts	Craft programmes
Arts and humanities	Handicrafts	Handicrafts
Arts and humanities	Handicrafts	Indigenous crafts
Arts and humanities	Music and performing arts	Creative and performance arts
Arts and humanities	History and archaeology	Archaeology
Arts and humanities	History and archaeology	Cultural studies
Arts and humanities	History and archaeology	Folklore studies
Arts and humanities	History and archaeology	History
Arts and humanities	Language acquisition	Foreign languages
Arts and humanities	Language acquisition	Sign language
Arts and humanities	Literature and linguistics	Creative writing
Arts and humanities	Literature and linguistics	Literature
Arts and humanities	Literature and linguistics	Native first language
Social sciences, journalism and information	Economics	Econometrics
Social sciences, journalism and information	Economics	Economics
Social sciences, journalism and information	Economics	International economics
Social sciences, journalism and information	Economics	Macro economics
Social sciences, journalism and information	Economics	Political economics
Social sciences, journalism and information	Political sciences and civics	Human rights
Social sciences, journalism and information	Political sciences and civics	International relations
Social sciences, journalism and information	Political sciences and civics	Political science
Social sciences, journalism and information	Political sciences and civics	Public policy studies
Social sciences, journalism and information	Psychology	Cognitive sciences
Social sciences, journalism and information	Psychology	Conversational therapy
Social sciences, journalism and information	Psychology	Development and child psychology
Social sciences, journalism and information	Psychology	Psychology
Social sciences, journalism and information	Psychology	Psychotherapy
Social sciences, journalism and information	Sociology and cultural studies	Cultural studies
Social sciences, journalism and information	Sociology and cultural studies	Demography
Social sciences, journalism and information	Sociology and cultural studies	Geography

information		
Social sciences, journalism and information	Sociology and cultural studies	Human geography
Social sciences, journalism and information	Sociology and cultural studies	Social anthropology
Social sciences, journalism and information	Sociology and cultural studies	Sociology
Social sciences, journalism and information	Journalism and reporting	Journalism
Social sciences, journalism and information	Journalism and reporting	Mass communication
Social sciences, journalism and information	Library, information and archival studies	Archival sciences
Social sciences, journalism and information	Library, information and archival studies	Curatorial studies
Social sciences, journalism and information	Library, information and archival studies	Documentation
Social sciences, journalism and information	Library, information and archival studies	Information science
Social sciences, journalism and information	Library, information and archival studies	Library studies
Social sciences, journalism and information	Library, information and archival studies	Museum studies
Business, administration and law	Accounting and taxation	Accounting
Business, administration and law	Accounting and taxation	Auditing
Business, administration and law	Accounting and taxation	Tax accounting
Business, administration and law	Accounting and taxation	Tax management
Business, administration and law	Finance, banking and insurance	Banking and finance
Business, administration and law	Finance, banking and insurance	Financial management
Business, administration and law	Finance, banking and insurance	Insurance
Business, administration and law	Management and administration	Health administration
Business, administration and law	Management and administration	Logistic management
Business, administration and law	Management and administration	Public administration
Business, administration and law	Management and administration	Quality management
Business, administration and law	Management and administration	Supply chain management
Business, administration and law	Marketing and advertising	Advertising
Business, administration and law	Marketing and advertising	Marketing
Business, administration and law	Marketing and advertising	Public relations
Business, administration and law	Wholesale and retail sales	Buying and selling
Business, administration and law	Wholesale and retail sales	Purchasing, procurement and contracts
Business, administration and law	Wholesale and retail sales	Real-estate business
Business, administration and law	Wholesale and retail sales	Retailing
Business, administration and law	Wholesale and retail sales	Wholesaling
Business, administration and law	Law	Criminal Law
Business, administration and law	Law	Commercial Law
Natural sciences, mathematics	Biology	Biology

and statistics		
Natural sciences, mathematics and statistics	Biology	Biometrics
Natural sciences, mathematics and statistics	Biology	Microbiology
Natural sciences, mathematics and statistics	Biology	Molecular biology
Natural sciences, mathematics and statistics	Biochemistry	Biological chemistry
Natural sciences, mathematics and statistics	Biochemistry	Biotechnology
Natural sciences, mathematics and statistics	Biochemistry	Cell technology
Natural sciences, mathematics and statistics	Biochemistry	Forensic sciences
Natural sciences, mathematics and statistics	Biochemistry	Pharmacology
Natural sciences, mathematics and statistics	Biochemistry	Genetic engineering
Natural sciences, mathematics and statistics	Biochemistry	Toxicology
Natural sciences, mathematics and statistics	Biochemistry	Virology
Natural sciences, mathematics and statistics	Environment	Ecology
Natural sciences, mathematics and statistics	Environment	Environmental science
Natural sciences, mathematics and statistics	Natural environments and wildlife	conservation and land management
Natural sciences, mathematics and statistics	Physical sciences	Physical sciences
Natural sciences, mathematics and statistics	Chemistry	Analytical chemistry
Natural sciences, mathematics and statistics	Chemistry	Chemistry
Natural sciences, mathematics and statistics	Earth sciences	Atmospheric sciences
Natural sciences, mathematics and statistics	Earth sciences	Climate research
Natural sciences, mathematics and statistics	Earth sciences	Geographic information systems
Natural sciences, mathematics and statistics	Earth sciences	Geography
Natural sciences, mathematics and statistics	Earth sciences	Geoinformatics
Natural sciences, mathematics and statistics	Earth sciences	Geophysics

Natural sciences, mathematics and statistics	Earth sciences	Geoscience
Natural sciences, mathematics and statistics	Earth sciences	Geospatial technology
Natural sciences, mathematics and statistics	Earth sciences	Hydrology
Natural sciences, mathematics and statistics	Earth sciences	Marine science
Natural sciences, mathematics and statistics	Earth sciences	Oceanography
Natural sciences, mathematics and statistics	Physics	Physics
Natural sciences, mathematics and statistics	Mathematics	Mathematics
Natural sciences, mathematics and statistics	Statistics	Statistics
Information and Communication Technologies (ICTs)	Database and network design and administration	Database and network design and administration
Information and Communication Technologies (ICTs)	Software and applications development and analysis	Software and applications development and analysis
Information and Communication Technologies (ICTs)	Artificial intelligence	Artificial intelligence
Engineering, manufacturing and construction	Chemical engineering and processes	Chemical engineering
Engineering, manufacturing and construction	Environmental protection technology	Environmental protection technology
Engineering, manufacturing and construction	Electricity and energy	Electrical appliance repairing
Engineering, manufacturing and construction	Electricity and energy	Electrical fitting
Engineering, manufacturing and construction	Electricity and energy	Electrical power generation
Engineering, manufacturing and construction	Electricity and energy	Power line installation and maintenance
Engineering, manufacturing and construction	Electricity and energy	Refrigeration
Engineering, manufacturing and construction	Electricity and energy	Solar energy
Engineering, manufacturing and construction	Electricity and energy	Solar power
Engineering, manufacturing and construction	Electronics and automation	Electronics and automation
Engineering, manufacturing and construction	Mechanics and metal trades	Mechanics and metal trades
Engineering, manufacturing and construction	Motor vehicles, ships and aircrafts	Motor vehicles, ships and aircrafts
Engineering, manufacturing and construction	Food processing	Food and drink processing

construction		
Engineering, manufacturing and construction	Food processing	Food preparation
Engineering, manufacturing and construction	Food processing	Food preservation
Engineering, manufacturing and construction	Food processing	Food science
Engineering, manufacturing and construction	Materials (glass, paper, plastic and wood)	Materials (glass, paper, plastic and wood)
Engineering, manufacturing and construction	Architecture and town planning	Architecture and town planning
Engineering, manufacturing and construction	Building and civil engineering	Building and civil engineering
Agriculture, forestry, fisheries and veterinary	Crop and livestock production	Agricultural sciences
Agriculture, forestry, fisheries and veterinary	Crop and livestock production	Agriculture
Agriculture, forestry, fisheries and veterinary	Horticulture	Horticulture
Agriculture, forestry, fisheries and veterinary	Horticulture	Gardening
Agriculture, forestry, fisheries and veterinary	Fisheries	Fisheries
Agriculture, forestry, fisheries and veterinary	Veterinary	Veterinary
Health and welfare	Health and welfare	Dental studies
Health and welfare	Health and welfare	Medicine
Health and welfare	Health and welfare	Nursing and midwifery
Health and welfare	Health and welfare	Medical diagnostic and treatment technology
Health and welfare	Health and welfare	Therapy and rehabilitation
Health and welfare	Health and welfare	Pharmacy
Health and welfare	Welfare	Care of the elderly and of disabled
Health and welfare	Welfare	Child care and youth services
Health and welfare	Welfare	Social work and counselling
Services	Hotel, restaurant and catering	Hotel, restaurant and catering
Services	Sports	Diving
Services	Sports	Football playing
Services	Sports	Physical training (sports)
Services	Sports	Sport leadership
Services	Sports	Sport trainer studies
Services	Sports	Sports
Services	Sports	Sports coaching
Services	Sports	Sports instructor training
Services	Sports	Umpires and other sports officials
Services	Travel, tourism and leisure	Adventure based activities

Services	Travel, tourism and leisure	Leisure and tourism
Services	Travel, tourism and leisure	Recreation management
Services	Travel, tourism and leisure	Tourism
Services	Travel, tourism and leisure	Travel and tourism
Services	Community sanitation	Water supply
Services	Community sanitation	Waste management
Services	Occupational health and safety	Occupational health and safety
Services	Security services	Military and defence
Services	Security services	Protection of persons and property
Services	Transport services	Transport services