## **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	Teacher training without subject
	specialization	specialization
Education	Teacher training with subject	Teacher training with subject
	specialization	specialization
Arts and humanities	Audio-visual techniques and	Animation
	media productions	
Arts and humanities	Audio-visual techniques and	Computer graphics
	media productions	
Arts and humanities	Audio-visual techniques and	Graphic design
	media productions	
Arts and humanities	Audio-visual techniques and	Graphic reproduction
	media productions	
Arts and humanities	Audio-visual techniques and	Illustration
	media productions	
Arts and humanities	Audio-visual techniques and	Interactive media design
	media productions	
Arts and humanities	Audio-visual techniques and	Multimedia production
	media productions	
Arts and humanities	Audio-visual techniques and	Photography
	media productions	
Arts and humanities	Audio-visual techniques and	Radio and TV production
	media productions	
Arts and humanities	Fashion, interior and industrial	Fashion design
	design	
Arts and humanities	Fashion, interior and industrial	Interior design
	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 Handicrafts Handicrafts Handicrafts Handicrafts Handicrafts Handicrafts Indigenous crafts Arts and humanities Handicrafts Indigenous crafts Arts and humanities History and archaeology Archaeology Arts and humanities History and archaeology Archaeology Arts and humanities History and archaeology Gultural studies Arts and humanities History and archaeology Folklore 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 Foreign languages Arts and humanities Literature and linguistics Creative writing Arts and humanities Literature and linguistics Utterature Arts and humanities Literature and linguistics Utterature Arts and humanities Literature and linguistics Diagnage Arts and humanities Literature and linguistics Creative writing Arts and humanities Literature and linguistics Creative writing Arts and humanities Literature and linguistics Diagnage Arts and humanities Literature and li	Arts and humanities	Handicrafts	Conservation of cultural material
Arts and humanities Music and performing arts Creative and performance arts Arts and humanities History and archaeology Archaeology Cultural studies Arts and humanities History and archaeology Folklore studies Arts and humanities History and archaeology Folklore studies Arts and humanities History and archaeology Folklore studies Arts and humanities History and archaeology History Foreign languages 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 Utterature Literature and linguistics Varts and humanities Literature and linguistics Native first language Conomics information Social sciences, journalism and information Economics Economics Economics Economics Social sciences, journalism and information Foreign language Economics Economics International International Economics International Economics International International Economics International International International International Economics International Internation	Arts and humanities	Handicrafts	Craft programmes
Arts and humanities History and archaeology Archaeology Archaeology Arts and humanities History and archaeology Archaeology Archaeology Arts and humanities History and archaeology Folklore 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 Creative writing Arts and humanities Literature and linguistics Iterature Social sciences, journalism and information Economics Economics Economics Economics Information Foreign language Economics International Economics Economics International Information Internation International Inte	Arts and humanities	Handicrafts	Handicrafts
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 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 Literature Arts and humanities Literature and linguistics Native first language Social sciences, journalism and information Social sciences, journalism and information Economics Economics International Economics International Economics International Economics Information Social sciences, journalism and information Political sciences and civics International relations Information Political sciences and civics Political science Political science Social sciences, journalism and Information Political sciences and civics International Relations Information Political sciences and civics International Political sciences In	Arts and humanities	Handicrafts	Indigenous crafts
Arts and humanities History and archaeology Cultural studies Arts and humanities History and archaeology Folklore studies Arts and humanities History and archaeology Folklore studies Arts and humanities Language acquisition Foreign languages Arts and humanities Language acquisition Foreign languages Arts and humanities Literature and linguistics Creative writing Arts and humanities Literature and linguistics Creative writing Arts and humanities Literature and linguistics Native first language Arts and humanities Literature and linguistics Native first language Social sciences, journalism and information Economics Economics Social sciences, journalism and information Political sciences and civics International relations Information Social sciences, journalism and information Political sciences and civics International relations Information Social sciences, journalism and information Political sciences and civics Public policy studies Information Social sciences, journalism and information Political sciences and civics Public policy studies Information Social sciences, journalism and information Political sciences and civics Public policy studies Information Social sciences, journalism and information Political sciences and civics Public policy studies Information Social sciences, journalism and information Political sciences and civics Public policy studies Information Social sciences, journalism and informa	Arts and humanities	Music and performing arts	Creative and performance arts
Arts and humanities History and archaeology Folklore studies Arts and humanities History and archaeology History Arts and humanities Language acquisition Sign 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 Literature Social sciences, journalism and information Social sciences, journalism and information Bocial sciences, journalism and information Formation Social sciences, journalism and information Formation Format	Arts and humanities	History and archaeology	Archaeology
Arts and humanities	Arts and humanities	History and archaeology	Cultural studies
Arts and humanities	Arts and humanities	History and archaeology	Folklore studies
Arts and humanities	Arts and humanities	History and archaeology	History
Arts and humanities	Arts and humanities	Language acquisition	Foreign languages
Arts and humanities	Arts and humanities	Language acquisition	Sign language
Arts and humanities  Diterature and linguistics  Native first language  Economics  Econometrics  Economics  Economics  Economics  Economics  Economics  Economics  Economics  Economics  Economics  International economics  Social sciences, journalism and information  Social sciences, journali	Arts and humanities	Literature and linguistics	Creative writing
Social sciences, journalism and information  Social sciences, jour	Arts and humanities	Literature and linguistics	Literature
Information         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         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         Political science           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         Psychology         Psychotherapy           Social sciences, journalism and information <t< td=""><td>Arts and humanities</td><td>Literature and linguistics</td><td>Native first language</td></t<>	Arts and humanities	Literature and linguistics	Native first language
Social sciences, journalism and information  Social sciences, jour	Social sciences, journalism and	Economics	Econometrics
information Social sciences, journalism and information Social sci	information		
Social sciences, journalism and information  Social sciences, jour		Economics	Economics
information  Social sciences, journalism and information  Social s		<u> </u>	
Information  Social sciences, journalism and information  Social s	-	Economics	International economics
Social sciences, journalism and information  Social sciences, jour	-	Economics	Macro economics
Social sciences, journalism and information  Social sciences, jour	Social sciences, journalism and	Economics	Political economics
information  Social sciences, journalism and information  Sociology and cultural studies  Demography  Demography		Political sciences and civics	Human rights
information  Social sciences, journalism and information  Sociology and cultural studies  Demography  Demography	1 -	Toncion sciences and civies	Trainan rights
Social sciences, journalism and information  Political sciences and civics  Political science  Political science  Public policy studies  Public policy studies  Public policy studies  Public policy studies  Cognitive sciences  Propried policy studies  Cognitive sciences  Cognitive sciences  Propried policy studies  Cognitive sciences  Propried policy studies  Propried policy studies  Cognitive sciences  Propried policy studies  Propried policy studies  Propried policy studies  Propried policy studies  Cognitive sciences  Propried policy studies		Political sciences and civics	International relations
Social sciences, journalism and information	Social sciences, journalism and	Political sciences and civics	Political science
information  Social sciences, journalism and information		Political sciences and civics	Public policy studies
information  Social sciences, journalism and information	_		
information  Social sciences, journalism and information		Psychology	Cognitive sciences
Social sciences, journalism and information		Psychology	Conversational therapy
Social sciences, journalism and information  Sociology and cultural studies  Demography	Social sciences, journalism and	Psychology	· ·
information  Social sciences, journalism and information		Poveh ala av	
information  Social sciences, journalism and information	1	rsychology	rsycnology
Social sciences, journalism and information  Social sciences, journalism and Sociology and cultural studies  Social sciences, journalism and information  Cultural studies  Demography		Psychology	Psychotherapy
information  Social sciences, journalism and information  Sociology and cultural studies Demography			1
information		Sociology and cultural studies	Cultural studies
		Sociology and cultural studies	Demography
		Sociology and cultural studies	Geography

information		
Social sciences, journalism and	Sociology and cultural studies	Human geography
information		3 3 1 7
Social sciences, journalism and	Sociology and cultural studies	Social anthropology
information		
Social sciences, journalism and	Sociology and cultural studies	Sociology
information		
Social sciences, journalism and	Journalism and reporting	Journalism
information		
Social sciences, journalism and	Journalism and reporting	Mass communication
information		
Social sciences, journalism and	Library, information and archival	Archival sciences
information	studies	
Social sciences, journalism and	Library, information and archival	Curatorial studies
information	studies	
Social sciences, journalism and	Library, information and archival	Documentation
information	studies	
Social sciences, journalism and	Library, information and archival	Information science
information	studies	
Social sciences, journalism and	Library, information and archival	Library studies
information	studies	
Social sciences, journalism and	Library, information and archival	Museum studies
information	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	Biology	Biometrics
and statistics	Biology	Biometrics
Natural sciences, mathematics	Biology	Microbiology
and statistics	Biology	Wherebiology
Natural sciences, mathematics	Biology	Molecular biology
and statistics	Biology	Iviolecular biology
Natural sciences, mathematics	Biochemistry	Biological chemistry
and statistics	blochemistry	biological chemistry
Natural sciences, mathematics	Biochemistry	Biotechnology
and statistics	blochemistry	Bioteermology
Natural sciences, mathematics	Biochemistry	Cell technology
and statistics	blochemistry	centeennology
Natural sciences, mathematics	Biochemistry	Forensic sciences
and statistics	J. G. T. C. T. T. C. T.	
Natural sciences, mathematics	Biochemistry	Pharmacology
and statistics	J. G. C.	
Natural sciences, mathematics	Biochemistry	Genetic engineering
and statistics		
Natural sciences, mathematics	Biochemistry	Toxicology
and statistics	J. G. T. C. T. T. C. T.	
Natural sciences, mathematics	Biochemistry	Virology
and statistics		
Natural sciences, mathematics	Environment	Ecology
and statistics		
Natural sciences, mathematics	Environment	Environmental science
and statistics		
Natural sciences, mathematics	Natural environments and	conservation and land
and statistics	wildlife	management
Natural sciences, mathematics	Physical sciences	Physical sciences
and statistics		
Natural sciences, mathematics	Chemistry	Analytical chemistry
and statistics	,	
Natural sciences, mathematics	Chemistry	Chemistry
and statistics		
Natural sciences, mathematics	Earth sciences	Atmospheric sciences
and statistics		
Natural sciences, mathematics	Earth sciences	Climate research
and statistics		
Natural sciences, mathematics	Earth sciences	Geographic information systems
and statistics		
Natural sciences, mathematics	Earth sciences	Geography
and statistics		
Natural sciences, mathematics	Earth sciences	Geoinformatics
and statistics		
Natural sciences, mathematics	Earth sciences	Geophysics
and statistics		
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Natural sciences, mathematics	Earth sciences	Geoscience
and statistics		
Natural sciences, mathematics	Earth sciences	Geospatial technology
and statistics		
Natural sciences, mathematics	Earth sciences	Hydrology
Natural sciences, mathematics	Earth sciences	Marine science
and statistics	Lai tii sciences	Warme science
Natural sciences, mathematics	Earth sciences	Oceanography
and statistics		
Natural sciences, mathematics	Physics	Physics
and statistics		
Natural sciences, mathematics	Mathematics	Mathematics
and statistics	Statistics	Statistics
Natural sciences, mathematics and statistics	Statistics	Statistics
Information and Communication	Database and network design	Database and network design
Technologies (ICTs)	and administration	and administration
Information and Communication	Software and applications	Software and applications
Technologies (ICTs)	development and analysis	development and analysis
Information and Communication	Artificial intelligence	Artificial intelligence
Technologies (ICTs)		
Engineering, manufacturing and construction	Chemical engineering and processes	Chemical engineering
Engineering, manufacturing and	Environmental protection	Environmental protection
construction	technology	technology
Engineering, manufacturing and	Electricity and energy	Electrical appliance repairing
construction		
Engineering, manufacturing and	Electricity and energy	Electrical fitting
construction	Electricity and an area	Flactuical account and anti-
Engineering, manufacturing and construction	Electricity and energy	Electrical power generation
Engineering, manufacturing and	Electricity and energy	Power line installation and
construction		maintenance
Engineering, manufacturing and	Electricity and energy	Refrigeration
construction		
Engineering, manufacturing and	Electricity and energy	Solar energy
construction	et. a dette a colo	Colores
Engineering, manufacturing and construction	Electricity and energy	Solar power
Engineering, manufacturing and	Electronics and automation	Electronics and automation
construction	Liectionics and automation	Licetionies and automation
Engineering, manufacturing and	Mechanics and metal trades	Mechanics and metal trades
construction		
Engineering, manufacturing and	Motor vehicles, ships and	Motor vehicles, ships and
construction	aircrafts	aircrafts
Engineering, manufacturing and	Food processing	Food and drink processing

construction		
Engineering, manufacturing and	Food processing	Food preparation
construction	Took processing	Toda preparation
Engineering, manufacturing and	Food processing	Food preservation
construction	1.000 p.000338	r dea preservation
Engineering, manufacturing and	Food processing	Food science
construction		
Engineering, manufacturing and	Materials (glass, paper, plastic	Materials (glass, paper, plastic
construction	and wood)	and wood)
Engineering, manufacturing and	Architecture and town planning	Architecture and town planning
construction	, ,	
Engineering, manufacturing and	Building and civil engineering	Building and civil engineering
construction		
Agriculture, forestry, fisheries and	Crop and livestock production	Agricultural sciences
veterinary		
Agriculture, forestry, fisheries and	Crop and livestock production	Agriculture
veterinary		
Agriculture, forestry, fisheries and	Horticulture	Horticulture
veterinary		
Agriculture, forestry, fisheries and	Horticulture	Gardening
veterinary		
Agriculture, forestry, fisheries and	Fisheries	Fisheries
veterinary		
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
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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