

Struktura oborů FORD

V návrhu projektu musí být povinně zvolen jeden hlavní obor, jeden vedlejší obor a jeden další vedlejší FORD (Fields of Research and Development Oblasti výzkumu a vývoje).

Struktura oborů FORD (OECD) - dle Frascati manual - převodník M17+							
Č. 1	Vědní oblast	Č. 2	FIELDS OF RESEARCH AND DEVELOPMENT (FORD)	Č. 3	DETAILED FORD	WOS Category	RIV (dominující vazba)
10000	1. Natural Sciences	10100	1.1 Mathematics	10103	Statistics and probability	STATISTICS & PROBABILITY	BB - Aplikovaná statistika, operační výzkum
						MATHEMATICS, INTERDISCIPLINARY APPLICATIONS	
						PHYSICS, MATHEMATICAL	
		10200	1.2 Computer and information sciences	10201	Computer sciences, information science, bioinformathics (hardware development to be 2.2, social aspect to be 5.8)	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	IN - Informatika BC - Teorie a systémy řízení BD - Teorie informací AF - Dokumentace, knihovnictví, práce s informacemi
						COMPUTER SCIENCE, INFORMATION SYSTEMS	
						COMPUTER SCIENCE, THEORY & METHODS	
						COMPUTER SCIENCE, SOFTWARE ENGINEERING	
						COMPUTER SCIENCE, CYBERNETICS	
						COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	

		10300	1.3 Physical sciences	10301	Atomic, molecular and chemical physics (physics of atoms and molecules including collision, interaction with radiation, magnetic resonances, Mössbauer effect)	PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	BE - Teoretická fyzika
				10302	Condensed matter physics (including formerly solid state physics, supercond.)	PHYSICS, CONDENSED MATTER	BM - Fyzika pevných látek a magnetismus
				10303	Particles and field physics	PHYSICS, PARTICLES & FIELDS	BF - Elementární částice a fyzika vysokých energií
				10304	Nuclear physics	PHYSICS, NUCLEAR	BG - Jaderná, atomová a molekulová fyzika, urychlovače
				10305	Fluids and plasma physics (including surface physics)	PHYSICS, FLUIDS & PLASMAS	BK – Mechanika tekutin BL - Fyzika plasmatu a výboje v plynech
				10306	Optics (including laser optics and quantum optics)	OPTICS	BH - Optika, masery a lasery
				10307	Acoustics	ACOUSTICS	BI - Akustika a kmity
				10308	Astronomy (including astrophysics, space science)	ASTRONOMY & ASTROPHYSICS	BN - Astronomie a nebeská mechanika, astrofyzika
		PHYSICS, APPLIED					
		PHYSICS, MULTIDISCIPLINARY					
		10400	1.4 Chemical sciences	10401	Organic chemistry	CHEMISTRY, ORGANIC	CC - Organická chemie
				10402	Inorganic and nuclear chemistry	CHEMISTRY, INORGANIC & NUCLEAR	CA - Anorganická chemie CH - Jaderná a kvantová chemie, fotochemie
				10403	Physical chemistry	CHEMISTRY, PHYSICAL	CF - Fyzikální chemie a teoretická chemie
				10404	Polymer science	POLYMER SCIENCE	CD - Makromolekulární chemie

				10405	Electrochemistry (dry cells, batteries, fuel cells, corrosion metals, electrolysis)	ELECTROCHEMISTRY	CG - Elektrochemie		
				10406	Analytical chemistry	CHEMISTRY, ANALYTICAL	CB - Analytická chemie, separace		
						CHEMISTRY, APPLIED			
						CRYSTALLOGRAPHY			
						CHEMISTRY, MULTIDISCIPLINARY			
		10500	1.5. Earth and related environmental sciences	10501	Hydrology		DA - Hydrologie a limnologie		
					10502	Oceanography		OCEANOGRAPHY	
					10503	Water resources		WATER RESOURCES	
						10504	Mineralogy	MINERALOGY	DB - Geologie a mineralogie
						10505	Geology	GEOLOGY	
						10506	Paleontology	PALEONTOLOGY	
						10507	Volcanology		
						10508	Physical geography	GEOGRAPHY, PHYSICAL	DE - Zemský magnetismus, geodesie, geografie
						10509	Meteorology and atmospheric sciences	METEOROLOGY & ATMOSPHERIC SCIENCES	DG - Vědy o atmosféře, meteorologie
						10510	Climatic research		
						10511	Environmental sciences (social aspects to be 5.7)	ENVIRONMENTAL SCIENCES	DO - Ochrana krajinných území
				DK - Kontaminace a dekontaminace půdy včetně pesticidů					
				DL - Jaderné odpady, radioaktivní znečištění a kontrola					
				DM - Tuhý odpad a jeho kontrola, recyklace					

							DI - Znečištění a kontrola vzduchu
							DJ - Znečištění a kontrola vody
						GEOSCIENCES, MULTIDISCIPLINARY	
		10600	1.6 Biological sciences	10601	Cell biology	CELL BIOLOGY	EA - Morfologické obory a cytologie
				10602	Biology (theoretical, mathematical, thermal, cryobiology, biological rhythm), Evolutionary biology	BIOLOGY	
					MATHEMATICAL & COMPUTATIONAL BIOLOGY		
				10603	Genetics and heredity (medical genetics to be 3)	GENETICS & HEREDITY	EB - Genetika a molekulární biologie
				10604	Reproductive biology (medical aspects to be 3)	REPRODUCTIVE BIOLOGY	
				10605	Developmental biology	DEVELOPMENTAL BIOLOGY	
				10606	Microbiology	MICROBIOLOGY	EE - Mikrobiologie, virologie
				10607	Virology	VIROLOGY	
				10608	Biochemistry and molecular biology	BIOCHEMISTRY & MOLECULAR BIOLOGY	CE - Biochemie EB - Genetika a molekulární biologie
				10609	Biochemical research methods	BIOCHEMICAL RESEARCH METHODS	
				10610	Biophysics	BIOPHYSICS	BO - Biofyzika
				10611	Plant sciences, botany	PLANT SCIENCES	EF - Botanika
				10612	Mycology	MYCOLOGY	
				10613	Zoology	ZOOLOGY	EG - Zoologie
				10614	Behavioral sciences biology	BEHAVIORAL SCIENCES	
				10615	Ornithology	ORNITHOLOGY	
				10616	Entomology	ENTOMOLOGY	
		10617	Marine biology, freshwater biology, limnology	MARINE & FRESHWATER BIOLOGY	DA - Hydrologie a limnologie		

					LIMNOLOGY		
				10618	Ecology	ECOLOGY	
				10619	Biodiversity conservation	BIODIVERSITY CONSERVATION	
				10620	Other biological topics	BIOLOGY, MISCELLANEOUS	
		10700	1.7 Other natural sciences	10701	Other natural sciences		
20000	2. Engineering and Technology	20100	2.1 Civil engineering	20101	Civil engineering	ENGINEERING, CIVIL	JN - Stavebnictví
				20102	Construction engineering, Municipal and structural engineering	CONSTRUCTION & BUILDING TECHNOLOGY	JM - Inženýrské stavitelství GB - Zemědělské stroje a stavby
				20103	Architecture engineering		AL - Umění, architektura, kulturní dědictví
				20104	Transport engineering	TRANSPORTATION SCIENCE & TECHNOLOGY	JO - Pozemní dopravní systémy a zařízení
		20200	2.2 Electrical engineering, Electronic engineering, Information engineering	20201	Electrical and electronic engineering	ENGINEERING, ELECTRICAL & ELECTRONIC	JA - Elektronika a optoelektronika, elektrotechnika JB - Senzory, čidla, měření a regulace
				20202	Communication engineering and systems	COMMUNICATION	JW - Navigace, spojení, detekce a protipatření
				20203	Telecommunications	TELECOMMUNICATIONS	
				20204	Robotics and automatic control	ROBOTICS	JD - Využití počítačů, robotika a její aplikace
				20205	Automation and control systems	AUTOMATION & CONTROL SYSTEMS	
				20206	Computer hardware and architecture	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	JC - Počítačový hardware a software
		20300	2.3 Mechanical engineering	20301	Mechanical engineering	ENGINEERING, MECHANICAL	JR - Ostatní strojírenství JT - Pohon, motory a paliva
				20302	Applied mechanics	MECHANICS	JQ - Strojní zařízení a nástroje GB - Zemědělské stroje a stavby

			20303	Thermodynamics	THERMODYNAMICS	BJ - Termodynamika
			20304	Aerospace engineering	ENGINEERING, AEROSPACE	JU - Aeronautika, aerodynamika, letadla JV - Kosmické technologie
			20305	Nuclear related engineering; (nuclear physics to be 1.3);	NUCLEAR SCIENCE & TECHNOLOGY	JF - Jaderná energetika
			20306	Audio engineering, reliability analysis		JS - Řízení spolehlivosti a kvality, zkušebnictví JL - Únava materiálu a lomová mechanika
	20400	2.4 Chemical engineering	20401	Chemical engineering (plants, products)	ENGINEERING, CHEMICAL	CI - Průmyslová chemie a chemické inženýrství
			20402	Chemical process engineering		
	20500	2.5 Materials engineering	20501	Materials engineering	METALLURGY & METALLURGICAL ENGINEERING	JP - Průmyslové procesy a zpracování JG - Hutnictví, kovové materiály
			20502	Paper and wood	MATERIALS SCIENCE, PAPER & WOOD	JJ - Ostatní materiály
			20503	Textiles; including synthetic dyes, colours, fibres (nanoscale materials to be 2.10; biomaterials to be 2.9)	MATERIALS SCIENCE, TEXTILES	
			20504	Ceramics	MATERIALS SCIENCE, CERAMICS	JH - Keramika, žáruvzdorné materiály a skla
			20505	Composites (including laminates, reinforced plastics, cermets, combined natural and synthetic fibre fabrics; filled composites)	MATERIALS SCIENCE, COMPOSITES	JI - Kompozitní materiály
					20506	Coating and films
					MATERIALS SCIENCE, CHARACTERIZATION & TESTING	

						MATERIALS SCIENCE, MULTIDISCIPLINARY	
		20700	2.7 Environmental engineering	20701	Environmental and geological engineering, geotechnics	ENGINEERING, ENVIRONMENTAL ENGINEERING, GEOLOGICAL	DH - Báňský průmysl včetně těžby a zpracování uhlí
				20702	Petroleum engineering (fuel, oils)	ENGINEERING, PETROLEUM	
				20703	Mining and mineral processing	MINING & MINERAL PROCESSING	
				20704	Energy and fuels	ENERGY & FUELS	JE - Nejaderná energetika, spotřeba a užití energie JT - Pohon, motory a paliva
				20705	Remote sensing	REMOTE SENSING	JP - Průmyslové procesy a zpracování JQ - Strojní zařízení a nástroje
		20800	2.8 Environmental biotechnology	20801	Environmental biotechnology	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	EI - Biotechnologie a bionika
				20802	Bioremediation, diagnostic biotechnologies (DNA chips and biosensing devices) in environmental management		
				20803	Environmental biotechnology related ethics		
		20900	2.9 Industrial biotechnology	20901	Industrial biotechnology	MATERIALS SCIENCE, BIOMATERIALS	EI - Biotechnologie a bionika
				20902	Bioprocessing technologies (industrial processes relying on biological agents to drive the process) biocatalysis, fermentation		

		21000	2.10 Nano-technology	20903	Bioproducts (products that are manufactured using biological material as feedstock) biomaterials, bioplastics, biofuels, bioderived bulk and fine chemicals, bio-derived novel materials			
				21001	Nano-materials (production and properties)	NANOSCIENCE & NANOTECHNOLOGY	JJ - Ostatní materiály	
				21002	Nano-processes (applications on nano-scale); (biomaterials to be 2.9)			
		21100	2.11 Other engineering and technologies	21101	Food and beverages		FOOD SCIENCE & TECHNOLOGY	GM - Potravinářství
								JY - Střelné zbraně, munice, výbušniny, bojová vozidla KA - Vojenství
							ENGINEERING, MULTIDISCIPLINARY	
							ENGINEERING, INDUSTRIAL	
							ENGINEERING, MANUFACTURING	
							INSTRUMENTS & INSTRUMENTATION	
							MICROSCOPY	
	IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY							
	SPECTROSCOPY							
30000	3. Medical and Health Sciences	30100	3.1 Basic medicine	30101	Human genetics		EB - Genetika a molekulární biologie	
				30102	Immunology	IMMUNOLOGY	EC - Imunologie	
				30103	Neurosciences (including psychophysiology)	NEUROSCIENCES	FH - Neurologie, neurochirurgie, neurovědy	
				30104	Pharmacology and pharmacy	PHARMACOLOGY & PHARMACY	FR - Farmakologie a lékárnická chemie	

		30300	3.3 Health sciences	30105	Physiology (including cytology)	PHYSIOLOGY	ED - Fyziologie
				30106	Anatomy and morphology (plant science to be 1.6)	ANATOMY & MORPHOLOGY	FP - Ostatní lékařské obory
				30107	Medicinal chemistry	CHEMISTRY, MEDICINAL	
				30108	Toxicology	TOXICOLOGY	
				30109	Pathology	PATHOLOGY	
						PSYCHOLOGY, CLINICAL	
						MEDICINE, RESEARCH & EXPERIMENTAL	
				30301	Social biomedical sciences (includes family planning, sexual health, psycho-oncology, political and social effects of biomedical research)	SOCIAL SCIENCES, BIOMEDICAL	FL - Psychiatrie, sexuologie
				30302	Epidemiology		FN - Epidemiologie, infekční nemoci a klinická imunologie
				30303	Infectious Diseases	INFECTIOUS DISEASES	
				30304	Public and environmental health	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	FM - Hygiena DN - Vliv životního prostředí na zdraví
				30305	Occupational health	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	AQ - Bezpečnost a ochrana zdraví, člověk – stroj
				30306	Sport and fitness sciences	SPORT SCIENCES	AK - Sport a aktivity volného času
				30307	Nursing	NURSING	FP - Ostatní lékařské obory
				30308	Nutrition, Dietetics	NUTRITION & DIETETICS	
				30309	Tropical medicine	TROPICAL MEDICINE	
				30310	Parasitology	PARASITOLOGY	
				30311	Medical ethics	MEDICAL ETHICS	
				30312	Substance abuse	SUBSTANCE ABUSE	
HEALTH CARE SCIENCES & SERVICES							

						HEALTH POLICY & SERVICES	
						MEDICINE, LEGAL	
						MEDICAL INFORMATICS	
						PSYCHOLOGY, PSYCHOANALYSIS	
						REHABILITATION	
		30500	3.5 Other medical sciences	30501	Forensic science		FP - Ostatní lékařské obory
				30502	Other medical science		
40000	4. Agricultural and veterinary sciences	40100	4.1 Agriculture, Forestry, and Fisheries	40101	Agriculture	AGRICULTURE, MULTIDISCIPLINARY	GD - Hnojení, závlahy, zpracování půdy
				40102	Forestry	FORESTRY	GK - Lesnictví
				40103	Fishery	FISHERIES	GL - Rybářství
				40104	Soil science	SOIL SCIENCE	DF - Pedologie
				40105	Horticulture, viticulture	HORTICULTURE	GE - Šlechtění rostlin
				40106	Agronomy, plant breeding and plant protection; (Agricultural biotechnology to be 4.4)	AGRONOMY	GC - Pěstování rostlin, oseední postupy GF - Choroby, škůdci, plevely a ochrana rostlin GE - Šlechtění rostlin
		40200	4.2 Animal and Dairy science	40201	Animal and dairy science; (Animal biotechnology to be 4.4)	AGRICULTURE, DAIRY & ANIMAL SCIENCE	GG - Chov hospodářských zvířat
				40202	Pets		GH - Výživa hospodářských zvířat
				40203	Husbandry		GI - Šlechtění a plemenářství hospodářských zvířat
		40300	4.3 Veterinary science	40301	Veterinary science	VETERINARY SCIENCES	GJ - Choroby a škůdci zvířat, veterinární medicína
		40400	4.4 Agricultural biotechnology	40401	Agricultural biotechnology and food biotechnology	FOOD SCIENCE & TECHNOLOGY	EI - Biotechnologie a bionika

				40402	GM technology (crops and livestock), livestock cloning, marker assisted selection, diagnostics (DNA chips and biosensing devices for the early/accurate detection of diseases) biomass feedstock production technologies, biopharming		
				40403	Agricultural biotechnology related ethics		
		40500	4.5 Other agricultural sciences	40501	Other agricultural sciences	AGRICULTURAL ECONOMICS & POLICY	
						AGRICULTURAL ENGINEERING	
50000	5. Social Sciences	50100	5.1 Psychology and cognitive sciences	50101	Psychology (including human - machine relations)	PSYCHOLOGY	AN - Psychologie
				50102	Psychology, special (including therapy for learning, speech, hearing, visual and other physical and mental disabilities);	PSYCHOLOGY, APPLIED	
				50103	Cognitive sciences	BEHAVIORAL SCIENCES	
						PSYCHOLOGY, MATHEMATICAL	
						PSYCHOLOGY, EXPERIMENTAL	
						PSYCHOLOGY, SOCIAL	
						PSYCHOLOGY, DEVELOPMENTAL	
						PSYCHOLOGY, APPLIED	
PSYCHOLOGY, EDUCATIONAL							
ERGONOMICS							
		PSYCHOLOGY, MULTIDISCIPLINARY					

	50200	5.2 Economics and Business	50201	Economic Theory	ECONOMICS	AH - Ekonomie GA - Zemědělská ekonomie
			50202	Applied Economics, Econometrics	ECONOMICS	
			50203	Industrial relations	INDUSTRIAL RELATIONS & LABOR	
			50204	Business and management	BUSINESS	
					MANAGEMENT	
			50205	Accounting		
	50206	Finance	BUSINESS, FINANCE			
			OPERATIONS RESEARCH & MANAGEMENT SCIENCE			
	50300	5.3 Education	50301	Education, general; including training, pedagogy, didactics [and education systems]	EDUCATION, SCIENTIFIC DISCIPLINES	AM - Pedagogika a školství
			50302	Education, special (to gifted persons, those with learning disabilities)	EDUCATION, SPECIAL	
	50400	5.4 Sociology			50401	Sociology
			SOCIAL SCIENCES, MATHEMATICAL METHODS			
			SOCIAL SCIENCES, INTERDISCIPLINARY			
			50402	Demography	DEMOGRAPHY	
			50403	Social topics (Women's and gender studies; Social issues; Family studies; Social work)	WOMEN'S STUDIES	
					FAMILY STUDIES	
	SOCIAL ISSUES					
	SOCIAL WORK					

			50404	Anthropology, ethnology	ANTHROPOLOGY ETHNIC STUDIES	AC - Archeologie, antropologie, etnologie
	50500	5.5 Law	50501	Law	LAW	AG - Právní vědy
			50502	Criminology, penology	CRIMINOLOGY & PENOLOGY	
	50600	5.6 Political science	50601	Political science	POLITICAL SCIENCE INTERNATIONAL RELATIONS	AD - Politologie a politické vědy
			50602	Public administration	PUBLIC ADMINISTRATION	AE - Řízení, správa a administrativa
			50603	Organisation theory		
	50700	5.7 Social and economic geography	50701	Cultural and economic geography	GEOGRAPHY AREA STUDIES	DE - Zemský magnetismus, geodesie, geografie
			50702	Urban studies (planning and development)	URBAN STUDIES	AP - Městské, oblastní a dopravní plánování
			50703	Transport planning and social aspects of transport (transport engineering to be 2.1)	TRANSPORTATION	
			50704	Environmental sciences (social aspects)	ENVIRONMENTAL STUDIES PLANNING & DEVELOPMENT	AO - Sociologie, demografie
	50800	5.8 Media and communications	50801	Journalism		AJ - Písemnictví, mas-media, audiovize
			50802	Media and socio-cultural communication		
			50803	Information science (social aspects)		AF - Dokumentace, knihovnictví, práce s informacemi
			50804	Library science	INFORMATION SCIENCE & LIBRARY SCIENCE	
	50900	5.9 Other social sciences	50901	Other social sciences	HOSPITALITY, LEISURE, SPORT & TOURISM ASIAN STUDIES	AK - Sport a aktivity volného času
			50902	Social sciences, interdisciplinary		

60000	6. Humanities and the Arts	60100	6.1 History and Archaeology	60101	History (history of science and technology to be 6.3, history of specific sciences to be under the respective headings)	HISTORY MEDIEVAL & RENAISSANCE STUDIES	AB - Dějiny
				60102	Archaeology	ARCHAEOLOGY	
				60200	6.2 Languages and Literature	60201	General language studies
		60202	Specific languages			CLASSICS	
		60203	Linguistics			LINGUISTICS	
		60204	General literature studies			LITERATURE	AJ - Písemnictví, mas-media, audiovize
		60205	Literary theory			LITERARY THEORY & CRITICISM	
						LITERARY REVIEWS	
		60206	Specific literatures			LITERATURE, AFRICAN, AUSTRALIAN, CANADIAN	
						LITERATURE, AMERICAN	
						LITERATURE, BRITISH ISLES	
						LITERATURE, GERMAN, DUTCH, SCANDINAVIAN	
				LITERATURE, ROMANCE			
		60300	6.3 Philosophy, Ethics and Religion	60301	Philosophy, History and Philosophy of science and technology	HISTORY & PHILOSOPHY OF SCIENCE	AA - Filosofie a náboženství
						PHILOSOPHY	
						HISTORY OF SOCIAL SCIENCES	
				60302	Ethics (except ethics related to specific subfields)	ETHICS	
60303	Theology			RELIGION			
60304	Religious studies	RELIGION					
60400		60401	Arts, Art history	ART			

			6.4 Arts (arts, history of arts, performing arts, music)	60402	Architectural design	ARCHITECTURE	AL - Umění, architektura, kulturní dědictví
				60403	Performing arts studies (Musicology, Theater science, Dramaturgy)	THEATRE	
						DANCE	
						MUSIC	
			60404	Folklore studies	FOLKLORE		
60405	Studies on Film, Radio and Television	FILM, RADIO, TELEVISION					
		60500	6.5 Other Humanities and the Arts	60501	Other Humanities and the Arts	HUMANITIES, MULTIDISCIPLINARY	
Pozn: Obecně platí, že není-li nalezen odpovídající kód na úrovni DETAILED FORD, použije se kód o stupeň vyšší, tj. FORD (typicky se týká všech "others").							