

Classification of Scientific Areas according to the Organization for Economic Cooperation and Development (OECD)

GREAT AREA	Area	Discipline
1. Natural Sciences	1.A. Mathematics	1A01 Pure Mathematics 1A02 Applied Mathematics 1A03 Statistics and Probabilities (Research in Methodologies)
	1.B. Computing and Information Science	1B01 Computer Science Information science and bioinformatics 1B02 (hardware in 2.B and social aspects at 5.8)
	1.C. Physical Sciences	1C01 Atomic, molecular and chemical physics 1C02 Physics of matter 1C03 Particle and field physics 1C04 Nuclear physics 1C05 Plasma and fluid physics 1C06 Optical 1C07 Acoustic 1C08 Astronomy
	1.D. Chemical Sciences	1D01 Organic chemistry 1D02 Inorganic and nuclear chemistry 1D03 Physical chemistry 1D04 Polymer Sciences 1D05 Electrochemistry 1D06 Colloid Chemistry 1D07 Analytical chemistry
	1.E. Earth and Environmental Science	1E01 Geosciences (multidisciplinary) 1E02 Mineralogy 1E03 Paleontology 1E04 Geochemistry and geophysics 1E05 Physical geography 1E06 Geology 1E07 Vulcanology 1E08 Environmental sciences (social aspects in 5.g) 1E09 Meteorology and Atmospheric Sciences 1E10 Climate research 1E11 Oceanography, hydrology and water
	1.F. Biological Sciences	1F01 Cell Biology and Microbiology 1F02 Virology 1F03 Biochemistry and Molecular Biology 1F04 Methods in biochemistry research 1F05 Mycology 1F06 Biophysics

		<p>1F07 Genetics and inheritance (medical aspects in 3)</p> <p>1F08 Reproductive biology (medical aspects in 3)</p> <p>1F09 Developmental Biology</p> <p>1F10 Botany and plant sciences</p> <p>1F11 Zoology, Ornithology, Behavioral Life Sciences</p> <p>1F12 Marine and water biology</p> <p>1F13 Ecology</p> <p>1F14 Biodiversity conservation</p> <p>1F15 Biology (Theory, Mathematics, Cryobiology, Evolutionary)</p> <p>1F16 Other bio biologies</p>
	1. G. Other Natural Sciences	1G01 Other Natural Sciences
2. Engineering and Technology	2.A. Civil Engineering	<p>2A01 Civil Engineering</p> <p>2A02 Architectural Engineering</p> <p>2A03 Construction Engineering</p> <p>2A04 Structural and Municipal Engineering</p> <p>2A05 Transportation Engineering</p>
	2.B. Electrical, Electronics and Computer Engineering	<p>2B01 Electrical and electronic engineering</p> <p>2B02 Robotics and automatic control</p> <p>2B03 Automation and control systems</p> <p>2B04 Systems and communications engineering</p> <p>2B05 Telecommunications</p> <p>2B06 Computer architecture and hardware</p>
	2.C. Mechanical Engineering	<p>2C01 Mechanical engineering</p> <p>2C02 Applied mechanics</p> <p>2C03 Thermodynamics</p> <p>2C04 Aerospace engineering</p> <p>2C05 Nuclear engineering (nuclear physics in 1.C)</p>
	2.D. Chemical Engineering	<p>2D01 Chemical engineering (plants and products)</p> <p>2D02 Process Engineering</p>
	2.E. Materials Engineering	<p>2E01 Mechanical Engineering</p> <p>2E02 Ceramics</p> <p>2E03 Film coating</p> <p>2E04 Compounds (laminates, plastics reinforced, synthetic and natural fiber, and ECA.)</p> <p>2E05 Paper and wood</p> <p>2E05 Textiles (Nanomaterials in 2.J and biomaterials in 2.I)</p>
	2.F. Medical Engineering	<p>2F01 Medical Engineering</p> <p>2F02 Medical laboratory technology (analysis</p>

		samples, diagnostic technologies)
	2.G. Environmental Engineering	2G01 Environmental and geological engineering 2G02 Geotechnical 2G03 Oil engineering (fuels, oils), energy and Fuel 2G04 Remote Sensors 2G05 Mining and mineral processing 2G06 Marine engineering, ships 2G07 Oceanographic engineering
	2.H. Environmental biotechnology	2H01 Environmental biotechnology Bioremediation, biotechnology for the 2H02 diagnostics (DNA chips and biosensors) in environmental management 2H03 Ethics related to environmental biotechnology
	2.I. Industrial Biotechnology	2I01 Industrial biotechnology 2I02 Bioprocessing technology, biocatalysis, fermentation 2I03 Bioproducts (products manufactured using biotechnology), biomaterials, bioplastics, biofuels, new bioderivated materials, biodermal fine chemicals)
	2.J. Nanotechnology	2J01 Nanomaterials (production and properties) 2J02 Nanoprocesses (nanoscale applications) (biomaterials in 2.I)
	2.K. Other Engineering and Technologies	2K01 Food and drink 2K02 Other engineering and technologies
3. Medical and Health Sciences	3.A. Basic Medicine	3A01 Anatomy and morphology (plant sciences in 1.F) 3A02 Human Genetics 3A03 Immunology 3A04 Neurosciences 3A05 Pharmacology and Pharmacy 3A06 Chemical medicine 3A07 Toxicology 3A08 Physiology (includes cytology) 3A09 Pathology
	3.B. Clinical Medicine	3B01 Andrology 3B02 Obstetrics and Gynecology 3B03 Pediatrics 3B04 Cardiovascular 3B05 Peripheral Vascular 3B06 Hematology 3B07 Respiratory 3B08 Critical and Emergency Care

		<p>3B09 Anesthesiology 3B10 Orthopedic 3B11 Surgery Cirugía 3B12 Radiology, nuclear and nuclear medicine Images 3B13 Transplants 3B14 Dentistry, oral surgery and oral medicine 3B15 Dermatology and venereal diseases 3B16 Allergies 3B17 Rheumatology 3B18 Endocrinology and metabolism (includes diabetes and hormonal disorders) 3B19 Gastroenterology and hepatology 3B20 Urology and Nephrology 3B21 Oncology 3B22 Ophthalmology 3B23 Otolaryngology 3B24 Psychiatry 3B25 Clinical neurology 3B26 Geriatrics 3B27 General and internal medicine 3B28 Other clinical medicine issues 3B29 Complementary medicine (alternative systems)</p>
	<p>3.C. Health Science Bless you</p>	<p>3C01 Health care sciences and services (hospitaladministration, funding) 3C02 Health and service policies 3C03 Nursing 3C04 Nutrition and Diets 3C05 Public Health 3C06 Tropical Medicine 3C07 Parasitology 3C08 Infectious diseases 3C09 Epidemiology 3C10 Occupational Health 3C11 Sports Sciences 3C12 Biomedical socio-sciences (planning sexual health, political and social effects ofbiomedical research) 3C13 Ethics 3C14 Substance abuse</p>
	<p>3.D. Biotechnology in Health</p>	<p>3D01 Health-related biotechnology 3D02 Technology for the manipulation of cells, tissues, organs or the body (assisted reproduction) 3D03 Technology for the identification and functioning of DNA, proteins and onsand how they influence the disease) 3D04 Biomaterials (related to implants, devices, sensors) 3D05 Biomedicine-related ethics</p>

	3.E. Other Medical Sciences	3E01 Forénscas 3E02 Other medical sciences 3E03 Phonoaudiology
4. Agricultural Sciences	4.A. Agriculture, Forestry and Fisheries	4A01 Agriculture 4A02 Forestry Forestal 4A03 Fishing 4A04 Soil Sciences 4A05 Horticulture and viticulture 4A06 Agronomy 4A07 Plant protection and nutrition (agricultural biotechnology in 4.D)
	4.B. Animal Sciences and Dairy	4B01 Animal sciences and dairy (animal biotechnology in 4.D) 4B02 Pups and pets
	4.C. Veterinary Sciences	4C01 Veterinary Sciences
	4.D. Agricultural Biotechnology	4D01 Agricultural and Food Biotechnology MG Technology (sown and livestock), 4D02 cattle cloning, assisted selection, diagnosis (with DNA chips, biosensors) 4D03 Ethics related to agricultural biotechnology
	4.E. Other Agricultural Sciences	4E01 Other Agricultural Sciences
5. Science Social	5.A. Psychology	5A01 Psychology (includes man-machine relationships) 5A02 Psychology (includes therapies learning, speech, visual and other physical and mental disabilities)
	5.B. Economics and Business	5B01 Economy 5B02 Econometryría 5B03 Industrial Relations 5B04 Business and management
	5.C. Sciences Education	5C01 General education (includes training, pedagogy) 5C02 Special education (for students endowed and those with learning difficulties)
	5.D. Sociology	5D01 Sociology 5D02 Demography 5D03 Anthropology 5D04 Ethnography Special topics (Gender Studies) 5D05 Social Topics, Family Studies, Social Work)

	5.E. Law	5E01 Right 5E02 Penalty
	5.F. Political Science	5F01 Political Science 5F02 Public Administration 5F03 Teoría Organizational Theory
	5.G. Social Geography	5G01 Environmental sciences (social aspects) 5G02 Economic and cultural geography 5G03 Urban studies (planning and development) 5D04 Transportation planning and aspects transport engineering in 2.A.)
	5.H. Journalism and Communications	5H01 Journalism 5H02 Information sciences (social aspects) 5H03 Bibliotechnology 5H04 Media and social media
	5. I. Other Social Sciences	5I01 Social sciences, interdisciplinary 5I02 Other social sciences
6. Humanities	6. A. History and Archaeology	6A01 History (History of Science and Technology in 6.C) 6A02 Archaeology 6A03 History of Colombia
	6.B. Languages and Literature	6B01 General language studies 6B02 Specific languages 6B03 Literary studies 6B04 Literary theory 6B05 Specific literature 6B06 Linguistics
	6.C. Other Stories	6C01 History of science and technology 6C02 Other Specialized Stories (Art History)
	6.D. Art	6D01 Plastic and Visual Arts 6D02 Music and Musicology 6D03 Dance or Dance Arts 6D04 Theatre, Dramaturgy or Performing Arts 6D05 Other Arts 6D06 Audiovisual Arts 6D07 Architecture and Urbanism 6D08 Design
	6. E. Other Humanities	6E01 Other Humanities (Studies of Folklore) 6E02 Philosophy 6E03 Theology