

Appendix A: List of the Recruitment Fields (ASN 2012)

The list below enumerates all the scientific areas (first indentation level), macro- sectors (second indentation level) and recruitment fields (third indentation level), as they have been defined at the beginning of the ASN.

Since all the names have been defined only in Italian, we use here the English translation provided by the Italian National University Council (CUN)¹ 13 - the elected body representing the Italian University System.

01 Mathematics and computer sciences

01/A Mathematics

01/A1 Mathematical logic, mathematics education and history of mathematics

01/A2 Geometry and algebra

01/A3 Mathematical analysis, probability and statistics

01/A4 Mathematical physics

01/A5 Numerical analysis

01/A6 Operational research

01/B Informatics

01/B1 Informatics

02 Physics

02/A Physics of fundamental interactions

02/A1 Experimental physics of fundamental interactions

02/A2 Theoretical physics of fundamental interactions

02/B Physics of matter

02/B1 Experimental physics of matter

02/B2 Theoretical physics of matter

02/B3 Applied physics

02/C Astronomy, astrophysics, Earth and planetary physics

02/C1 Astronomy, astrophysics, Earth and planetary physics

03 Chemistry

03/A Analytical and physical chemistry

03/A1 Analytical chemistry

- 03/A2 Models and methods for chemistry
- 03/B Inorganic chemistry and applied technologies
 - 03/B1 Principles of chemistry and inorganic systems
 - 03/B2 Chemical basis of technology applications
- 03/C Organic, industrial and applied chemistry
 - 03/C1 Organic chemistry
 - 03/C2 Industrial and applied chemistry
- 03/D Medicinal and food chemistry and applied technologies
 - 03/D1 Medicinal, toxicological and nutritional chemistry and applied technologies
 - 03/D2 Drug technology, socioeconomics and regulations
- 04 Earth sciences
 - 04/A Earth sciences
 - 04/A1 Geochemistry, mineralogy, petrology, volcanology, Earth resources and applications
 - 04/A2 Structural geology, stratigraphy, sedimentology and paleontology
 - 04/A3 Applied geology, physical geography and geomorphology
 - 04/A4 Geophysics
- 05 Biology
 - 05/A Plant biology
 - 05/A1 Botany
 - 05/A2 Plant physiology
 - 05/B Animal biology and anthropology
 - 05/B1 Zoology and anthropology
 - 05/B2 Comparative anatomy and cytology
 - 05/C Ecology
 - 05/C1 Ecology
 - 05/D Physiology
 - 05/D1 Physiology
 - 05/E Experimental and clinical biochemistry and molecular biology

- 05/E1 General biochemistry and clinical biochemistry
- 05/E2 Molecular biology
- 05/F Experimental biology
 - 05/F1 Experimental biology
- 05/G Experimental and clinical pharmacology
 - 05/G1 Pharmacology, clinical pharmacology and pharmacognosy
- 05/H Human anatomy and histology
 - 05/H1 Human anatomy
 - 05/H2 Histology
- 05/I Genetics and microbiology
 - 05/I1 Genetics and microbiology
- 06 Medicine
 - 06/A Pathology and laboratory medicine
 - 06/A1 Medical genetics
 - 06/A2 Experimental medicine, pathophysiology and clinical pathology
 - 06/A3 Microbiology and clinical microbiology
 - 06/A4 Pathology
 - 06/B General clinical medicine
 - 06/B1 Internal medicine
 - 06/C General clinical surgery
 - 06/C1 General surgery
 - 06/D Specialized clinical medicine
 - 06/D1 Cardiovascular and respiratory diseases
 - 06/D2 Endocrinology, nephrology, food and wellness sciences
 - 06/D3 Blood diseases, oncology and rheumatology
 - 06/D4 Skin, contagious and gastrointestinal diseases
 - 06/D5 Psychiatry
 - 06/D6 Neurology
 - 06/E Specialized clinical surgery

- 06/E1 Heart, thoracic and vascular surgery
- 06/E2 Plastic and paediatric surgery and urology
- 06/E3 Neurosurgery and maxillofacial surgery
- 06/F Integrated clinical surgery
 - 06/F1 Odontostomatologic diseases
 - 06/F2 Eye diseases
 - 06/F3 Otorhinolaryngology and audiology
 - 06/F4 Musculoskeletal diseases and physical and rehabilitation medicine
- 06/G Paediatrics
 - 06/G1 Paediatrics and child neuropsychiatry
- 06/H Gynaecology
 - 06/H1 Obstetrics and gynecology
- 06/I Radiology
 - 06/I1 Diagnostic imaging, radiotherapy and neuroradiology
- 06/L Anaesthesiology
 - 06/L1 Anaesthesiology
- 06/M Public health
 - 06/M1 Hygiene, public health, nursing and medical statistics
 - 06/M2 Forensic and occupational medicine
- 06/N Applied medical technologies
 - 06/N1 Applied medical technologies
- 07 Agricultural and veterinary sciences
 - 07/A Agricultural economics and appraisal
 - 07/A1 Agricultural economics and appraisal
 - 07/B Agricultural and forest systems
 - 07/B1 Agronomy and field, vegetable, ornamental cropping systems
 - 07/B2 Arboriculture and forest systems
 - 07/C Agricultural, forest and biosystems engineering

- 07/C1 Agricultural, forest and biosystems engineering
- 07/D Plant pathology and entomology
 - 07/D1 Plant pathology and entomology
- 07/E Agricultural chemistry and agricultural genetics
 - 07/E1 Agricultural chemistry, agricultural genetics and pedology
- 07/F Food technology and agricultural microbiology
 - 07/F1 Food science and technology
 - 07/F2 Agricultural microbiology
- 07/G Animal science and technology
 - 07/G1 Animal science and technology
- 07/H Veterinary medicine
 - 07/H1 Veterinary anatomy and physiology
 - 07/H2 Veterinary pathology and inspection of foods of animal origin
 - 07/H3 Infectious and parasitic animal diseases
 - 07/H4 Clinical veterinary medicine and pharmacology
 - 07/H5 Clinical veterinary surgery and obstetrics
- 08 Civil engineering and architecture
 - 08/A Landscape and infrastructural engineering
 - 08/A1 Hydraulics, hydrology, hydraulic and marine constructions
 - 08/A2 Sanitary and environmental engineering, hydrocarbons and underground fluids, safety and protection engineering
 - 08/A3 Infrastructural and transportation engineering, real estate appraisal and investment valuation
 - 08/A4 Geomatics
 - 08/B Structural and geotechnical engineering
 - 08/B1 Geotechnics
 - 08/B2 Structural mechanics
 - 08/B3 Structural engineering
 - 08/C Design and technological planning of architecture
 - 08/C1 Design and technological planning of architecture

08/D Architectural design

08/D1 Architectural design

08/E Drawing, architectural restoration and history

08/E1 Drawing

08/E2 Architectural restoration and history

08/F Urban and landscape planning and design

08/F1 Urban and landscape planning and design

09 Industrial and information engineering

09/A Mechanical and aerospace engineering and naval architecture

09/A1 Aeronautical and aerospace engineering and naval architecture

09/A2 Applied mechanics

09/A3 Industrial design, machine construction and metallurgy

09/B Manufacturing, industrial and management engineering

09/B1 Manufacturing technology and systems

09/B2 Industrial mechanical plants

09/B3 Business and management engineering

09/C Energy, thermomechanical and nuclear engineering

09/C1 Fluid machinery, energy systems and power generation

09/C2 Technical physics and nuclear engineering

09/D Chemical and materials engineering

09/D1 Materials science and technology

09/D2 Systems, methods and technologies of chemical and process engineering

09/D3 Chemical plants and technologies

09/E Electrical and electronic engineering and measurements

09/E1 Electrical technology

09/E2 Electrical energy engineering

09/E3 Electronics

09/E4 Measurements

09/F Telecommunications engineering and electromagnetic fields

- 09/F1 Electromagnetic fields
 - 09/F2 Telecommunications
- 09/G Systems engineering and bioengineering
 - 09/G1 Systems and control engineering
 - 09/G2 Bioengineering
- 09/H Computer engineering
 - 09/H1 Information processing systems
- 10 Antiquities, philology, literary studies, art history
 - 10/A Archaeological sciences
 - 10/A1 Archaeology
 - 10/B Art history
 - 10/B1 Art history
 - 10/C Cinema, music, performing arts, television and media studies
 - 10/C1 Cinema, music, performing arts, television and media studies
 - 10/D Sciences of antiquity
 - 10/D1 Ancient history
 - 10/D2 Greek language and literature
 - 10/D3 Latin language and literature
 - 10/D4 Classical and late antique philology
 - 10/E Medieval latin and romance philologies and literatures
 - 10/E1 Medieval latin and romance philologies and literatures
 - 10/F Italian studies and comparative literatures
 - 10/F1 Italian literature, literary criticism and comparative literature
 - 10/F2 Contemporary Italian literature
 - 10/F3 Italian linguistics and philology
 - 10/G Glottology and linguistics
 - 10/G1 Glottology and linguistics
 - 10/H French studies

- 10/H1 French language, literature and culture
- 10/I Spanish and Hispanic studies
 - 10/I1 Spanish and Hispanic languages, literatures and cultures
- 10/L English and Anglo-American studies
 - 10/L1 English and Anglo-American languages, literatures and cultures
- 10/M Germanic and Slavic languages, literatures and cultures
 - 10/M1 Germanic languages, literatures and cultures
 - 10/M2 Slavic studies
- 10/N Eastern cultures
 - 10/N1 Ancient Near Eastern, Middle Eastern and African cultures
 - 10/N3 Central and East Asian cultures
- 11 History, philosophy, pedagogy and psychology
 - 11/A History
 - 11/A1 Medieval history
 - 11/A2 Modern history
 - 11/A3 Contemporary history
 - 11/A4 Science of books and documents, history of religions
 - 11/A5 Demography, ethnography and anthropology
 - 11/B Geography
 - 11/B1 Geography
 - 11/C Philosophy
 - 11/C1 Theoretical philosophy
 - 11/C2 Logic, history and philosophy of science
 - 11/C3 Moral philosophy
 - 11/C4 Aesthetics and philosophy of languages
 - 11/C5 History of philosophy
 - 11/D Educational theories
 - 11/D1 Educational theories and history of educational theories
 - 11/D2 Methodologies of teaching, special education and educational research

11/E Psychology

11/E1 General psychology, psychobiology and psychometrics

11/E2 Developmental and educational psychology

11/E3 Social psychology and work and organizational psychology

11/E4 Clinical and dynamic psychology

12 Law studies

12/A Private law

12/A1 Private law

12/B Business, navigation and air law and labour law

12/B1 Business, navigation and air law

12/B2 Labour law

12/C Constitutional and ecclesiastical law

12/C1 Constitutional law

12/C2 Ecclesiastical law and canon law

12/D Administrative and tax law

12/D1 Administrative law

12/D2 Tax law

12/E International and European Union law, comparative, economics and markets law

12/E1 International and European Union law

12/E2 Comparative law

12/E3 Economics, financial and agri-food markets law and regulation

12/F Civil procedural law

12/F1 Civil procedural law

12/G Criminal law and criminal procedure

12/G1 Criminal law

12/G2 Criminal procedure

12/H Roman law, history of medieval and modern law and philosophy of law

12/H1 Roman and ancient law

12/H2 History of medieval and modern law

- 12/H3 Philosophy of law
- 13 Economics and statistics
 - 13/A Economics
 - 13/A1 Economics
 - 13/A2 Economic policy
 - 13/A3 Public economics
 - 13/A4 Applied economics
 - 13/A5 Econometrics
 - 13/B Business administration and Management
 - 13/B1 Business administration and Management
 - 13/B2 Management
 - 13/B3 Organization studies
 - 13/B4 Financial Markets and Institutions
 - 13/B5 Commodity science
 - 13/C Economic history
 - 13/C1 Economic history
 - 13/D Statistics and mathematical methods for decisions
 - 13/D1 Statistics
 - 13/D2 Economic statistics
 - 13/D3 Demography and social statistics
 - 13/D4 Mathematical methods of economics, finance and actuarial sciences
- 14 Political and social sciences
 - 14/A Political theory
 - 14/A1 Political philosophy
 - 14/A2 Political science
 - 14/B Political history
 - 14/B1 History of political thought and institutions
 - 14/B2 History of international relations and of non-European societies and institutions
 - 14/C Sociology

14/C1 General and political sociology, sociology of law

14/C2 Sociology of culture and communication

14/D Applied sociology

14/D1 Sociology of economy and labour, sociology of land and environment

1. The official translation provided by CUN is available at <https://www.cun.it/documentazione/academic-fields-and-disciplines-list/>
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