

UNIVERSITÀ DEGLI STUDI DELL'AQUILA

SDG13 - Course Units: 167

Degree course	Course units
[F4T] ATMOSPHERIC SCIENCE AND TECHNOLOGY 28	[DF0080] ELECTROMAGNETICS AND RADAR METEOROLOGY [DF0078] FOUNDATIONS OF METEOROLOGY: SYNOPTIC AND PHYSICAL METEOROLOGY [DF0082] LABORATORY OF ATMOSPHERIC PHYSICS [DF0081] SATELLITE EARTH OBSERVATION [DF0079] STATISTICAL MECHANICS [DF0087] ADVANCED FLUID MECHANICS [DF0088] HYDROCLIMATOLOGY [DF0089] HYDROLOGICAL MODELING [DF0085] URBAN CLIMATOLOGY [DF0090] ADVANCED ELECTROMAGNETICS AND SCATTERING [DF0094] ENGINEERING ELECTROMAGNETICS [DF0091] OPTOELECTRONIC SENSORS [DH0046] DIGITAL CARTOGRAPHY AND GIS [DF0131] NUMERICAL PROCESSING OF SIGNALS [I2R044] ENVIRONMENTAL AND TERRITORIAL HYDRAULICS [DF0130] MICROWAVE REMOTE SENSING [DT0336] PROGRAMMING FOR DATA SCIENCE [DF0083] ATMOSPHERIC DYNAMICS: METEOROLOGICAL MODELING AND CLIMATE MODELING [DF0102] ATMOSPHERIC CHEMISTRY [DF0096] ATMOSPHERIC SOUNDING [DF0122] CLIMATE: REGIONAL SCALE AND DOWNSCALING [DF0101] HYDROMETEOROLOGICAL PHYSICS [DF0097] LIDAR REMOTE SENSING [DF0065] MAGNETOHYDRODYNAMICS OF ASTROPHYSICAL PLASMA [DF0121] PHYSICAL OCEANOGRAPHY [DF0098] RADIATIVE TRANSFER IN ATMOSPHERE [DF0100] SPACE WEATHER
[F4F] PHYSICS 12	[DF0028] NUCLEAR AND SUBNUCLEAR PHYSICS [DF0031] QUANTUM ELECTRODYNAMICS [DF0038] SOLID STATE PHYSICS [DF0030] STATISTICAL MECHANICS [DF0115] 2 DIMENSION MATERIALS [DF0117] ADVANCED QUANTUM FIELD THEORY [DF0051] ADVANCED SIMULATION TECHNIQUES [DF0063] ASTROPHYSICS

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	[DF0046] DYNAMIC METEOROLOGY [DF0042] GAUGE THEORIES [DF0041] GENERAL RELATIVITY AND COSMOLOGY [DF0049] PARTICLE PHYSICS
[F4D] CHEMISTRY 2	[DF0125] POLLUTANTS ANALYSIS [DF0123] CHEMOMETRICS
[F3S] ENVIRONMENTAL SCIENCES AND TECHNOLOGY 8	[DM0410] BIOLOGY AND ANIMAL DIVERSITY [DM0407] MECHANISMS OF EVOLUTION AND ORIGIN OF BIODIVERSITY [DM0421] ANIMAL AND VEGETAL ECOLOGY WITH LABORATORY [DM0419] GENERAL PHYSICS AND ATMOSPHERE [F0324] GEOGRAPHIC INFORMATION SYSTEMS [DM0428] CONSERVATION AND MANAGEMENT OF BIODIVERSITY [DM0427] ENERGY, ENVIRONMENT AND SUSTAINABILITY [DM0432] GEODYNAMICS AND NATURAL RISK
[F4L] ENVIRONMENTAL BIOLOGY AND MANAGEMENT OF ECOSYSTEMS 6	[DM0552] TERRITORIAL PLANNING TECHNIQUES AND ENVIRONMENTAL ASSESSMENT [DM0146] CONSERVATION BIOGEOGRAPHY [DM0445] VEGETAL PHYSIOLOGY OF ENVIRONMENTAL STRESS AND CLIMATE CHANGE [F0258] AEROBIOLOGY [DM0433] CLIMATE CHANGE AND HYDROGEOLOGICAL DISARRANGEMENT [DM0446] BIOLOGICAL REPLIES TO ENVIRONMENTAL STRESS
[I4L] ELECTRICAL ENGINEERING 6	[I2L036] ELECTRIC DRIVES [DG0160] INDUSTRIAL AND POWER ELECTRONICS [I0379] ELECTRICAL SYSTEMS FOR MOBILITY [DG0053] ELECTRICAL AUTOMATION AND LABORATORY [I2S017] MECHANICAL AUTOMATION AND MECHATRONICS [DG0094] DESIGN OF ELECTRIC MACHINES
[I4M] MECHANICAL ENGINEERING 7	[I0235] MANAGEMENT OF ENERGY CONVERSION SYSTEMS [I0642] THERMAL MECHANICAL MEASURES AND TESTING [I0741] THERMAL SCIENCE [I0221] DYNAMICS AND CONTROL OF MACHINES [I0601] TURBOMACHINES AND INTERNAL COMBUSTION ENGINES



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	[I0237] MECHANICAL VIBRATIONS [DG0016] SUSTAINABLE ENERGY TECHNOLOGIES
[I4A] CONSTRUCTION – ARCHITECTURAL ENGINEERING 5	[I2A006] URBAN PLANNING [I2A018] URBAN PLANNING TECHNIQUE [DH0007] MATERIALS AND TECHNIQUES FOR BUILDING REUSE [DH0008] BUILDING REUSE AND CONSERVATION [DH0006] SUSTAINABLE CONSTRUCTION SYSTEMS
[I4C] CIVIL ENGINEERING 8	[DH0122] MATHEMATICAL MODELS FOR CIVIL ENGINEERING AND RISK ANALYSIS [DH0036] TRANSPORTATION ENGINEERING [DH0041] ENVIRONMENTAL ASSESSMENT TECHNIQUES [DH0042] COASTAL RISK [DH0044] EARTHQUAKE GEOTECHNICAL ENGINEERING [DH0043] SEISMIC RISK ANALYSIS [DH0035] SLOPE STABILITY [I0441] APPLIED GEOLOGY
[I3A] CIVIL AND ENVIRONMENTAL ENGINEERING 17	[I0608] TECHNICAL AND ENVIRONMENTAL PHYSICS [I0441] APPLIED GEOLOGY [I0185] HYDRAULICS [I0706] BUILDING SCIENCE [I0607] MATERIALS TECHNOLOGY AND APPLIED CHEMISTRY [DH0031] ADVANCED OPEN CHANNEL FLOW AND HYDRAULIC STRUCTURES [I0305] CORROSION AND MATERIALS PROTECTION [I2C056] ROAD, RAILWAYS AND AIRPORTS CONSTRUCTIONS [I0615] HYDRAULIC CONSTRUCTIONS AND HYDROLOGY [DH0084] ENERGETIC OF BUILDINGS [DH0040] GEOMATICS [I2R044] ENVIRONMENTAL AND TERRITORIAL HYDRAULICS [I2R021] TERRITORIAL ENERGY PLANNING [I0617] ENVIRONMENTAL SYSTEMS MODELING AND CONTROL [I0618] TERRITORIAL PLANNING [I0619] FUNDAMENTALS OF ENVIRONMENTAL AND CHEMICAL ENGINEERING [I0609] SURVEYING

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[I4R] ENVIRONMENTAL ENGINEERING 6	[I0016] APPLIED HYDROGEOLOGY [I2R045] INDUSTRIAL AND ENVIRONMENTAL BIOCHEMICAL PLANTS [I0659] MEASUREMENTS FOR ENVIRONMENTAL MONITORING, MANAGEMENT AND RESTORING [I2R021] TERRITORIAL ENERGY PLANNING [I0409] GEODETIC AND TOPOGRAPHIC SCIENCES
[D3A] ENVIRONMENT AND WORKPLACE PREVENTION TECHNIQUES 7	[D4233] TECHNIQUES OF RADIATION PROTECTION [D4805] CHEMISTRY AND ENVIRONMENTAL TOXICOLOGY [D4812] HYGIENE OF FOOD AND WATER [D4246] CHRONIC DEGENERATIVE DISEASES ENVIRONMENT-RELATED [DM0260] CHRONIC DEGENERATIVE DISEASES ENVIRONMENT-RELATED I [D4821] LEGAL ASPECTS [D4810] HEALTH IN THE WORKPLACE AND LIFE
[I4I] COMPUTER AND SYSTEMS ENGINEERING 9	[DT0220] OPTIMISATION MODELS AND ALGORITHMS [I0113] OPERATION RESEARCH [DT0691] FUNDAMENTALS OF ENERGY SYSTEMS [DT0692] CONTROL OF ENERGY SYSTEMS [DT0691] FUNDAMENTALS OF ENERGY SYSTEMS [DT0693] INSTRUMENTATION FOR CONTROL OF ENERGY SYSTEMS [DT0443] HYBRID SYSTEMS CONTROL AND SIMULATION [DT0620] INDUSTRIAL ELECTRONICS FOR AUTOMATION AND ENERGY [DT0441] OPTIMAL CONTROL
[M4A] BUSINESS ADMINISTRATION, ECONOMICS AND FINANCE 15	[DG0038] ECONOMY AND POLICY OF EUROPEAN INTEGRATION [M0032] INDUSTRIAL ORGANIZATION [M0030] MONETARY ECONOMICS [DG0079] INTERNATIONAL TRADE AND ECONOMETRICS [DG0040] INNOVATION ECONOMY [DG0074] REGIONAL ECONOMY [DG0043] APPLIED INTERNATIONAL ECONOMICS [M0132] EUROPEAN UNION LAW [M0197] INDUSTRIAL RELATION LAW [DG0041] REGIONAL LAW AND LOCAL ENTITIES [DG0049] BUSINESS SERVICES ECONOMICS AND MANAGEMENT [DG0034] INTERNATIONAL CORPORATE FINANCE [M0020] PROFESSIONAL TECHNIQUE [DG0036] ASSESSMENT OF COMPANIES

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[M3I] ECONOMICS AND MANAGEMENT 7	[M0195] MICROECONOMICS [M0084] ECONOMICS AND BUSINESS MANAGEMENT [M0196] MACROECONOMICS [M0070] ECONOMIC POLICY [M0086] CORPORATE FINANCE [M0090] PUBLIC FINANCE
[M3G] BUSINESS LAW ADVISOR 8	[M0215] TAX LAW I [M0214] TAX LAW II [M1G001] BUSINESS ECONOMICS [M0012] ECONOMICS [M1T022] PUBLIC FINANCE [M0216] LAW INTERPRETING THEORY AND FUNDAMENTAL RIGHTS [M1GC02] INDUSTRIAL LAW [M1G145] PUBLIC LAW OF ECONOMY
[I4Y] MATHEMATICAL MODELLING 2	[DT0612] MATHEMATICAL CONTROL METHODS IN LIFE SCIENCE [DT0611] MATHEMATICAL FLUID AND BIOFLUID DYNAMICS
[F4B] HEALTH AND NUTRITION BIOLOGY 2	[DM0597] BIOENERGIES AND BIOFUELS FROM VEGETABLE BIOMASS [DM0542] USE OF MICROALGAE IN THE BIOENERGETIC AND NUTRACEUTICAL FIELD
[B4C] CELLULAR AND MOLECULAR BIOTECHNOLOGY 5	[B0496] MOLECULAR PHARMACOLOGY AND TOXICOLOGY [B0495] MOLECULAR MECHANISMS AND BIOMARKERS IN THE CELLULAR RESPONSE TO STRESS [B0411] EPIDEMIOLOGY [B0414] BIOMOLECULAR TECHNOLOGIES [B0499] BIOCHEMISTRY OF NUTRITION
[C4B] CULTURAL HERITAGE 2	[DQ0380] ECONOMY AND MANAGEMENT OF CULTURAL HERITAGE M [DQ0379] LEGISLATION OF CULTURAL HERITAGE M
[F4Y] APPLIED DATA SCIENCE 5	[DT0344] ECONOMICS OF DIGITAL TRANSFORMATION [DT0350] INFORMATION LAW AND ETHICS [DT0521] BIG DATA PROCESSING, MANAGEMENT AND MINING [DT0345] BUSINESS LAW AND DATA PROCESSING [DT0515] METHODS AND TECHNIQUES FOR LAND AND URBAN ANALYSIS



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