



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

SDG13 - Course Units: 167

Degree course	Course units
<p>[F4T] ATMOSPHERIC SCIENCE AND TECHNOLOGY</p> <p>28</p>	<p>[DF0080] ELECTROMAGNETICS AND RADAR METEOROLOGY</p> <p>[DF0078] FOUNDATIONS OF METEOROLOGY: SYNOPTIC AND PHYSICAL METEOROLOGY</p> <p>[DF0082] LABORATORY OF ATMOSPHERIC PHYSICS</p> <p>[DF0081] SATELLITE EARTH OBSERVATION</p> <p>[DF0079] STATISTICAL MECHANICS</p> <p>[DF0087] ADVANCED FLUID MECHANICS</p> <p>[DF0088] HYDROCLIMATOLOGY</p> <p>[DF0089] HYDROLOGICAL MODELING</p> <p>[DF0085] URBAN CLIMATOLOGY</p> <p>[DF0090] ADVANCED ELECTROMAGNETICS AND SCATTERING</p> <p>[DF0094] ENGINEERING ELECTROMAGNETICS</p> <p>[DF0091] OPTOELECTRONIC SENSORS</p> <p>[DH0046] DIGITAL CARTOGRAPHY AND GIS</p> <p>[DF0131] NUMERICAL PROCESSING OF SIGNALS</p> <p>[I2R044] ENVIRONMENTAL AND TERRITORIAL HYDRAULICS</p> <p>[DF0130] MICROWAVE REMOTE SENSING</p> <p>[DT0336] PROGRAMMING FOR DATA SCIENCE</p> <p>[DF0083] ATMOSPHERIC DYNAMICS: METEOROLOGICAL MODELING AND CLIMATE MODELING</p> <p>[DF0102] ATMOSPHERIC CHEMISTRY</p> <p>[DF0096] ATMOSPHERIC SOUNDING</p> <p>[DF0122] CLIMATE: REGIONAL SCALE AND DOWNSCALING</p> <p>[DF0101] HYDROMETEOROLOGICAL PHYSICS</p> <p>[DF0097] LIDAR REMOTE SENSING</p> <p>[DF0065] MAGNETOHYDRODYNAMICS OF ASTROPHYSICAL PLASMA</p> <p>[DF0121] PHYSICAL OCEANOGRAPHY</p> <p>[DF0098] RADIATIVE TRANSFER IN ATMOSPHERE</p> <p>[DF0100] SPACE WEATHER</p>
<p>[F4F] PHYSICS</p> <p>12</p>	<p>[DF0028] NUCLEAR AND SUBNUCLEAR PHYSICS</p> <p>[DF0031] QUANTUM ELECTRODYNAMICS</p> <p>[DF0038] SOLID STATE PHYSICS</p> <p>[DF0030] STATISTICAL MECHANICS</p> <p>[DF0115] 2 DIMENSION MATERIALS</p> <p>[DF0117] ADVANCED QUANTUM FIELD THEORY</p> <p>[DF0051] ADVANCED SIMULATION TECHNIQUES</p> <p>[DF0063] ASTROPHYSICS</p> <p>[DF0046] DYNAMIC METEOROLOGY</p> <p>[DF0042] GAUGE THEORIES</p> <p>[DF0041] GENERAL RELATIVITY AND COSMOLOGY</p>



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	<u>[DF0049] PARTICLE PHYSICS</u>
<u>[F4D] CHEMISTRY</u> 2	<u>[DF0125] POLLUTANTS ANALYSIS</u> <u>[DF0123] CHEMOMETRICS</u>
<u>[F3S] ENVIRONMENTAL SCIENCES AND TECHNOLOGY</u> 8	<u>[DM0410] BIOLOGY AND ANIMAL DIVERSITY</u> <u>[DM0407] MECHANISMS OF EVOLUTION AND ORIGIN OF BIODIVERSITY</u> <u>[DM0421] ANIMAL AND VEGETAL ECOLOGY WITH LABORATORY</u> <u>[DM0419] GENERAL PHYSICS AND ATMOSPHERE</u> <u>[F0324] GEOGRAPHIC INFORMATION SYSTEMS</u> <u>[DM0428] CONSERVATION AND MANAGEMENT OF BIODIVERSITY</u> <u>[DM0427] ENERGY, ENVIRONMENT AND SUSTAINABILITY</u> <u>[DM0432] GEODYNAMICS AND NATURAL RISK</u>
<u>[F4L] ENVIRONMENTAL BIOLOGY AND MANAGEMENT OF ECOSYSTEMS</u> 6	<u>[DM0552] TERRITORIAL PLANNING TECHNIQUES AND ENVIRONMENTAL ASSESSMENT</u> <u>[DM0146] CONSERVATION BIOGEOGRAPHY</u> <u>[DM0445] VEGETAL PHYSIOLOGY OF ENVIRONMENTAL STRESS AND CLIMATE CHANGE</u> <u>[F0258] AEROBIOLOGY</u> <u>[DM0433] CLIMATE CHANGE AND HYDROGEOLOGICAL DISARRANGEMENT</u> <u>[DM0446] BIOLOGICAL REPLIES TO ENVIRONMENTAL STRESS</u>
<u>[I4L] ELECTRICAL ENGINEERING</u> 6	<u>[I2L036] ELECTRIC DRIVES</u> <u>[DG0160] INDUSTRIAL AND POWER ELECTRONICS</u> <u>[I0379] ELECTRICAL SYSTEMS FOR MOBILITY</u> <u>[DG0053] ELECTRICAL AUTOMATION AND LABORATORY</u> <u>[I2S017] MECHANICAL AUTOMATION AND MECHATRONICS</u> <u>[DG0094] DESIGN OF ELECTRIC MACHINES</u>
<u>[I4M] MECHANICAL ENGINEERING</u> 7	<u>[I0235] MANAGEMENT OF ENERGY CONVERSION SYSTEMS</u> <u>[I0642] THERMAL MECHANICAL MEASURES AND TESTING</u> <u>[I0741] THERMAL SCIENCE</u> <u>[I0221] DYNAMICS AND CONTROL OF MACHINES</u> <u>[I0601] TURBOMACHINES AND INTERNAL COMBUSTION ENGINES</u> <u>[I0237] MECHANICAL VIBRATIONS</u> <u>[DG0016] SUSTAINABLE ENERGY TECHNOLOGIES</u>



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<u>[I4A] CONSTRUCTION – ARCHITECTURAL ENGINEERING</u> 5	<u>[I2A006] URBAN PLANNING</u> <u>[I2A018] URBAN PLANNING TECHNIQUE</u> <u>[DH0007] MATERIALS AND TECHNIQUES FOR BUILDING REUSE</u> <u>[DH0008] BUILDING REUSE AND CONSERVATION</u> <u>[DH0006] SUSTAINABLE CONSTRUCTION SYSTEMS</u>
<u>[I4C] CIVIL ENGINEERING</u> 8	<u>[DH0122] MATHEMATICAL MODELS FOR CIVIL ENGINEERING AND RISK ANALYSIS</u> <u>[DH0036] TRANSPORTATION ENGINEERING</u> <u>[DH0041] ENVIRONMENTAL ASSESSMENT TECHNIQUES</u> <u>[DH0042] COASTAL RISK</u> <u>[DH0044] EARTHQUAKE GEOTECHNICAL ENGINEERING</u> <u>[DH0043] SEISMIC RISK ANALYSIS</u> <u>[DH0035] SLOPE STABILITY</u> <u>[I0441] APPLIED GEOLOGY</u>
<u>[I3A] CIVIL AND ENVIRONMENTAL ENGINEERING</u> 17	<u>[I0608] TECHNICAL AND ENVIRONMENTAL PHYSICS</u> <u>[I0441] APPLIED GEOLOGY</u> <u>[I0185] HYDRAULICS</u> <u>[I0706] BUILDING SCIENCE</u> <u>[I0607] MATERIALS TECHNOLOGY AND APPLIED CHEMISTRY</u> <u>[DH0031] ADVANCED OPEN CHANNEL FLOW AND HYDRAULIC STRUCTURES</u> <u>[I0305] CORROSION AND MATERIALS PROTECTION</u> <u>[I2C056] ROAD, RAILWAYS AND AIRPORTS CONSTRUCTIONS</u> <u>[I0615] HYDRAULIC CONSTRUCTIONS AND HYDROLOGY</u> <u>[DH0084] ENERGETIC OF BUILDINGS</u> <u>[DH0040] GEOMATICS</u> <u>[I2R044] ENVIRONMENTAL AND TERRITORIAL HYDRAULICS</u> <u>[I2R021] TERRITORIAL ENERGY PLANNING</u> <u>[I0617] ENVIRONMENTAL SYSTEMS MODELING AND CONTROL</u> <u>[I0618] TERRITORIAL PLANNING</u> <u>[I0619] FUNDAMENTALS OF ENVIRONMENTAL AND CHEMICAL ENGINEERING</u> <u>[I0609] SURVEYING</u>
<u>[I4R] ENVIRONMENTAL ENGINEERING</u> 6	<u>[I0016] APPLIED HYDROGEOLOGY</u> <u>[I2R045] INDUSTRIAL AND ENVIRONMENTAL BIOCHEMICAL PLANTS</u> <u>[I0659] MEASUREMENTS FOR ENVIRONMENTAL MONITORING, MANAGEMENT AND RESTORING</u> <u>[I2R021] TERRITORIAL ENERGY PLANNING</u> <u>[I0409] GEODETIC AND TOPOGRAPHIC SCIENCES</u> <u>[I0305] CORROSION AND MATERIALS PROTECTION</u>
<u>[D3A] ENVIRONMENT AND WORKPLACE PREVENTION TECHNIQUES</u> 7	<u>[D4233] TECHNIQUES OF RADIATION PROTECTION</u> <u>[D4805] CHEMISTRY AND ENVIRONMENTAL TOXICOLOGY</u> <u>[D4812] HYGIENE OF FOOD AND WATER</u> <u>[D4246] CHRONIC DEGENERATIVE DISEASES ENVIRONMENT-RELATED</u> <u>[DM0260] CHRONIC DEGENERATIVE DISEASES ENVIRONMENT-RELATED I</u>



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	<u>[D4821] LEGAL ASPECTS</u> <u>[D4810] HEALTH IN THE WORKPLACE AND LIFE</u>
<u>[I4I] COMPUTER AND SYSTEMS ENGINEERING</u> 9	<u>[DT0220] OPTIMISATION MODELS AND ALGORITHMS</u> <u>[I0113] OPERATION RESEARCH</u> <u>[DT0691] FUNDAMENTALS OF ENERGY SYSTEMS</u> <u>[DT0692] CONTROL OF ENERGY SYSTEMS</u> <u>[DT0691] FUNDAMENTALS OF ENERGY SYSTEMS</u> <u>[DT0693] INSTRUMENTATION FOR CONTROL OF ENERGY SYSTEMS</u> <u>[DT0443] HYBRID SYSTEMS CONTROL AND SIMULATION</u> <u>[DT0620] INDUSTRIAL ELECTRONICS FOR AUTOMATION AND ENERGY</u> <u>[DT0441] OPTIMAL CONTROL</u>
<u>[M4A] BUSINESS ADMINISTRATION, ECONOMICS AND FINANCE</u> 15	<u>[DG0038] ECONOMY AND POLICY OF EUROPEAN INTEGRATION</u> <u>[M0032] INDUSTRIAL ORGANIZATION</u> <u>[M0030] MONETARY ECONOMICS</u> <u>[DG0079] INTERNATIONAL TRADE AND ECONOMETRICS</u> <u>[DG0040] INNOVATION ECONOMY</u> <u>[DG0074] REGIONAL ECONOMY</u> <u>[DG0043] APPLIED INTERNATIONAL ECONOMICS</u> <u>[M0132] EUROPEAN UNION LAW</u> <u>[M0197] INDUSTRIAL RELATION LAW</u> <u>[DG0041] REGIONAL LAW AND LOCAL ENTITIES</u> <u>[DG0049] BUSINESS SERVICES ECONOMICS AND MANAGEMENT</u> <u>[DG0034] INTERNATIONAL CORPORATE FINANCE</u> <u>[M0020] PROFESSIONAL TECHNIQUE</u> <u>[DG0036] ASSESSMENT OF COMPANIES</u>
<u>[M3I] ECONOMICS AND MANAGEMENT</u> 7	<u>[M0195] MICROECONOMICS</u> <u>[M0084] ECONOMICS AND BUSINESS MANAGEMENT</u> <u>[M0196] MACROECONOMICS</u> <u>[M0070] ECONOMIC POLICY</u> <u>[M0086] CORPORATE FINANCE</u> <u>[M0090] PUBLIC FINANCE</u>
<u>[M3G] BUSINESS LAW ADVISOR</u> 8	<u>[M0215] TAX LAW I</u> <u>[M0214] TAX LAW II</u> <u>[M1G001] BUSINESS ECONOMICS</u> <u>[M0012] ECONOMICS</u> <u>[M1T022] PUBLIC FINANCE</u> <u>[M0216] LAW INTERPRETING THEORY AND FUNDAMENTAL RIGHTS</u> <u>[M1GC02] INDUSTRIAL LAW</u> <u>[M1G145] PUBLIC LAW OF ECONOMY</u>



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[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