UNIVERSITÀ DI PARMA

AREA DIDATTICA, INTERNAZIONALIZZAZIONE
E SERVIZI AGLI STUDENTI
U.O. PROGETTAZIONE DIDATTICA E ASSICURAZIONE DELLA QUALITÀ

UNIVERSITY COURSE UNITS TAUGHT IN ENGLISH LANGUAGE – A.Y. 2024/2025
List of course units taught in English language resulting from U-GOV – June 2024

First-cycle degrees

DEPARTMENT		DEGREE	Component code	English title	credits	Semester 1st or 2nd
DIPARTIMENTO DI DISCIPLINE UMANISTICHE, SOCIALI E DELLE IMPRESE CULTURALI *Department of Humanities, Social Sciences and Cultural Industries*	3013	**STUDI FILOSOFICI** *Philosophical Studies*	1000639	ENGLISH LITERATURE	6	2
	3017	**CIVILTÀ E LINGUE STRANIERE MODERNE** *Modern Foreign Languages and Civilisations*	1000633	ANGLOPHONE LITERATURES	6	1
			1012341	CLASSICAL RECEPTION	6	2
			1004596	ENGLISH I	12	A
			13061	ENGLISH LITERATURE I	6	2
			13979	ENGLISH LITERATURE II	6	1
			14263	ENGLISH LITERATURE III	6	2
			1005964	LANGUAGE AND TRANSLATION - ENGLISH LANGUAGE I (MOD. A)	6	A
			1005965	LANGUAGE AND TRANSLATION - ENGLISH LANGUAGE I (MOD. B)	6	A
	3066	**INTERPRETE DI LINGUA DEI SEGNI ITALIANA E DI LINGUA DEI SEGNI ITALIANA TATTILE** *Interpreter in Italian Sign Language and Italian Tactile Sign Language*	1000639	ENGLISH LITERATURE	6	1
DIPARTIMENTO DI GIURISPRUDENZA, STUDÎ POLITICI E INTERNAZIONALI *Department of Law, Politics and International Studies*	3032	**SCIENZE POLITICHE E DELLE RELAZIONI INTERNAZIONALI** *Political Science and International Relations*	1010058	CONTEMPORARY HISTORY	10	1
			1008062	ENGLISH FOR POLITICAL SCIENCE	8	1
			1010059	EUROPEAN ECONOMIC HISTORY	8	1
			1010054	INTERNATIONAL LAW	9	2
			1010057	POLITICAL SCIENCE	10	1
DIPARTIMENTO DI INGEGNERIA E ARCHITETTURA *Department of Engineering and Architecture*	3057	**DESIGN SOSTENIBILE PER IL SISTEMA ALIMENTARE** *Sustainable Design for Food Systems*	1011783	AGRI-TECH: TECHNOLOGIES FOR A SUSTAINABLE AGRICULTURE	6	2
			1011786	INTERIOR DESIGN: HISTORY AND THEORY	6	2
			1011782	SCIENCE AND TECHNOLOGY STUDIES	6	1
DIPARTIMENTO DI MEDICINA E CHIRURGIA *Department of Medicine and Surgery*	3043	**LOGOPEDIA** *Speech and Language Therapy*	1008630	GLOTTOLOGY AND LINGUISTICS	5	1
	3046	**TECNICHE AUDIOPROTESICHE** *Audioprothesic Techniques*	03075	GENERAL PSYCHOLOGY	2	1
	3063	**DENTAL HYGIENE** *(Degree Course fully taught in English language)*	1010503	ANATOMY FOR DENTAL HYGIENISTS	4	1
			1010502	CHEMISTRY AND BIOCHEMISTRY FOR DENTAL HYGIENISTS	4	1
			1010552	COMMUNICATION STRATEGIES AND LEADERSHIP	4	1
			1010538	DENTAL HYGIENE IN PATIENTS WITH SYSTEMIC DISEASES	4	2
			1010540	DIDACTICS CHOSEN BY THE STUDENT	3	A
			1010553	EVIDENCE BASED DENTAL HYGIENE 2	4	1
			1010509	EVIDENCE BASED DENTAL HYGIENE1	4	1
			1010518	FIRST AID	2	1
			1010511	FUNCTION OF THE STOMATOGNATHIC SYSTEM	3	2
			1010517	GENERAL HYGIENE	4	1
			1010507	GENERAL PATHOLOGY	2	1
			1010536	GERODONTOLOGY AND SPECIAL NEEDS PATIENT	2	2

			1010515	HOME AND PROFESSIONAL DENTAL HYGIENE 1	4	2
			1009824	INTERNAL MEDICINE	4	1
			1010529	METHODOLOGY OF DENTAL RESEARCH	2	1
			1010506	MICROBIOLOGY AND CLINICAL MICROBIOLOGY	2	1
			1010513	MORPHOLOGY OF THE STOMATOGNATHIC SYSTEM	3	2
			1010523	ORAL MEDICINE	2	1
			1010554	ORTHODONTICS AND PEDODONTICS	2	2
			1010522	PATHOLOGIC BASIS OF DISEASE	2	1
			1010527	PERIODONTOLOGY AND IMPLANTOLOGY 1	4	1
			1010505	PHYSIOLOGY FOR DENTAL HYGIENISTS	4	1
			1010514	PREVENTIVE AND COMMUNITY DENTISTRY 1	4	2
			1010525	PREVENTIVE AND COMMUNITY DENTISTRY 2	4	2
			1010526	PSYCHOLOGY APPLIED TO DENTAL HYGIENE	2	2
			1010519	RADIATION PROTECTION AND ELEMENTS OF RADIOLOGY	2	1
			1010533	REHABILITATION AND RECONSTRUCTIVE DENTISTRY	2	2
			1011309	THE HUMAN MICROBIOME	2	1
DIPARTIMENTO DI SCIENZE ECONOMICHE E AZIENDALI *Department of Economics and Management*	3004	**ECONOMIA E MANAGEMENT** *Economics and Management*	1006656	ADVANCED BUSINESS ENGLISH	4	2
			1005837	BUSINESS ENGLISH	6	1-2
			1006655	CROSS-CULTURAL MARKETING	9	2
			1004423	ECONOMICS OF AGRI-FOOD NETWORKS	8	1
			1001371	ECONOMICS OF GLOBALISATION	8	2
			1011018	INTERNATIONAL SUSTAINABLE MANAGEMENT AND REPORTING	6	A
			1011809	QUALITY AND SUSTAINABILITY OF INTERNATIONAL BUSINESSES: ASSESSMENT AND MANAGEMENT	6	1
DIPARTIMENTO DI SCIENZE MATEMATICHE, FISICHE E INFORMATICHE *Department of Mathematical, Physical and Computer Sciences*	3026	**FISICA** *Physics*	1010779	ENGLISH B2 FOR STEM	3	1
	3027	**INFORMATICA** *Computer Science*	1010779	ENGLISH B2 FOR STEM	3	2

Single-cycle degrees

DEPARTMENT		DEGREE	Component code	English title	credits	Semester 1st or 2nd
DIPARTIMENTO DI GIURISPRUDENZA, STUDÎ POLITICI E INTERNAZIONALI *Department of Law, Politics and International Studies*	0995	**GIURISPRUDENZA** *Law*	1000408	ECONOMICS AND LAW	6	1
			1000409	EUROPEAN AND COMPARATIVE CRIMINAL LAW	6	2
			1005194	EUROPEAN AND INTERNATIONAL LABOUR LAW	6	2
			1010813	HUMAN RIGHTS AND CRIMINAL JUSTICE	6	2
			1007881	PUBLIC POLICY ECONOMIC EVALUATION	6	1
DIPARTIMENTO DI MEDICINA E CHIRURGIA *Department of Medicine and Surgery*	5026	**MEDICINA E CHIRURGIA** *Medicine and Surgery*	1012460	B2 SCIENTIFIC ENGLISH QUALIFICATION	3	2
			1007355	DATA PROCESSING	3	1
			1007356	MEDICAL INFORMATION METHODS	2	2
			03848	MEDICAL STATISTICS	1	1
			15746	SCIENTIFIC ENGLISH I	2	1
	5074	**MEDICINE AND SURGERY** *(Degree Course fully taught in English language) - Location Piacenza*	1011762	ACADEMIC PUBLISHING IN THE LIFE SCIENCES - UNIT A	1	2
			1011763	ACADEMIC PUBLISHING IN THE LIFE SCIENCES - UNIT B	2	2
			1009826	ANESTHESIOLOGY	4	2
			1009780	APPLIED BIOLOGY	3	1
			1010584	APPLIED RADIOLOGICAL ANATOMY OF THE LOCOMOTOR SYSTEM	1	2
			1011048	ARTIFICIAL INTELLIGENCE FOR THE MORPHOLOGICAL CHARACTERIZATION OF CELLS AND TISSUES	1	1
			1009843	AUDIOMETRY	1	2
			1009723	BIOCHEMISTRY	12	2
			1009828	BIOENGINEERING	3	2
			1009731	BIOMEDICAL RESEARCH CLERKSHIP	6	2
			1011759	BIOMIMICRY - UNIT A	1	2
			1011760	BIOMIMICRY - UNIT B	2	2
			1011049	BONE HISTOMORPHOMETRY	1	2
			1009827	CARDIAC SURGERY	1	2
			1009825	CARDIOVASCULAR DISEASES	5	2
			1009814	CLINICAL BIOCHEMISTRY	2	1
			1009810	CLINICAL MICROBIOLOGY	4	2
			1009813	CLINICAL PATHOLOGY	2	1
			1009844	DENTISTRY	1	2
			1009838	DERMATOLOGY	4	1
			1009728	DISEASE PATHOPHYSIOLOGY	8	2
			1011765	EMBODIED ASYMMETRY: FROM MORPHOLOGICAL DISCIPLINES AND THE OBJECTIFIED BODY TO PATIENT IDENTITY - UNIT A	1	2
			1011766	EMBODIED ASYMMETRY: FROM MORPHOLOGICAL DISCIPLINES AND THE OBJECTIFIED BODY TO PATIENT IDENTITY - UNIT B	1	2
			1011767	EMBODIED ASYMMETRY: FROM MORPHOLOGICAL DISCIPLINES AND THE OBJECTIFIED BODY TO PATIENT IDENTITY - UNIT C	1	2
			1009817	ENDOCRINOLOGY	5	1
			1012472	EVIDENCE-BASED MEDICINE: FROM SYSTEMATIC REVIEWS TO A.I. FOR THE ANALYSIS OF THE BIBLIOME - UNIT A	1	2
			1012473	EVIDENCE-BASED MEDICINE: FROM SYSTEMATIC REVIEWS TO A.I. FOR THE ANALYSIS OF THE BIBLIOME - UNIT B	1	2

			1012474	EVIDENCE-BASED MEDICINE: FROM SYSTEMATIC REVIEWS TO A.I. FOR THE ANALYSIS OF THE BIBLIOME - UNIT C	1	2
			1009816	GASTROENTEROLOGY	4	1
			1009804	GENERAL PATHOLOGY	7	1
			1009807	GENERAL PSYCHOLOGY	2	1
			1009846	GENERAL SURGERY	7	2
			1009821	HEMATOLOGY	3	2
			1009781	HISTOLOGY	5	1
			1009806	HISTORY OF MEDICINE	2	1
			1011046	HOW TO READ A RESEARCH PAPER	1	1
			1009819	HUMAN ANATOMY	3	1
			1009724	HUMAN ANATOMY & ORGANOGENESIS	12	2
			1009725	HUMAN PHYSIOLOGY	12	1
			1009811	INFECTIOUS DISEASE	4	2
			1009824	INTERNAL MEDICINE	4	1-2
			1012141	INTERNATIONAL STUDENT CONGRESS OF CLINICAL MEDICAL SCIENCES	2	1
			1009815	LABORATORY MEDICINE	1	1
			1009845	MAXILLOFACIAL SURGERY	2	2
			1012470	MEDICAL CHEMISTRY	3	1
			1009787	MEDICAL GENETICS	3	1
			1009778	MEDICAL PHYSICS	5	1
			1009783	MEDICAL STATISTICS	3	1
			1009829	MEDICAL TECHNIQUES	2	2
			1009750	MEDICINE & SURGERY CLERKSHIP 1 (CLINICAL ROTATION 1)	6	2
			1011736	MICROBIOLOGY	6	1
			1009786	MOLECULAR BIOLOGY	3	1
			1009742	MUSKOLOSKELETAL DISEASES	3	1
			1009866	NEFROLOGY	4	1
			1009818	NEUROLOGY	5	1
			1009831	NEURORADIOLOGY	1	2
			1009837	NEUROREHABILITATION	2	1
			1009840	NURSING	2	1
			1009785	OCCUPATIONAL MEDICINE	1	1
			1009822	ONCOLOGY	4	2
			1009841	OPHTALMOLOGY	3	2
			1009842	OTOLARINGOLOGY	3	2
			1009730	PHARMACOLOGY	9	2
			1009836	PHYSIATRY	3	1
			1009839	PLASTIC SURGERY	1	1
			1009735	PSYCHIATRY	4	1
			1009808	PSYCHOPHYSIOLOGY	2	1
			1009784	PUBLIC HEALTH	1	1
			1009830	RADIOLOGY	5	2
			1009823	RESPIRATORY DISEASES	5	2
			1009832	RHEUMATOLOGY	3	1
			1010583	SUTURE TECHNIQUES	1	2
			1009847	THORACIC SURGERY	2	2

			1009833	UROLOGY	1	1
			1009848	VASCULAR SURGERY	2	2
			1005245	INFORMATICS	5	1
DIPARTIMENTO DI SCIENZE DEGLI ALIMENTI E DEL FARMACO *Department of Food and Drug*	5009	**CHIMICA E TECNOLOGIA FARMACEUTICHE** *Pharmaceutical Chemistry and Technology*	1012375	MICRO- AND NANOTECHNOLOGIES APPLIED TO DRUG DELIVERY	4	2
DIPARTIMENTO DI SCIENZE MEDICO-VETERINARIE *Department of Veterinary Science*	5029	**MEDICINA VETERINARIA** Veterinary Medicine	1005244	BOTANY	3	2
			1005245	INFORMATICS	5	1

Second-cycle degrees

DEPARTMENT		DEGREE	Component code	English title	credits	Semester 1st or 2nd
DIPARTIMENTO DI DISCIPLINE UMANISTICHE, SOCIALI E DELLE IMPRESE CULTURALI *Department of Humanities, Social Sciences and Cultural Industries*	5025	**FILOSOFIA** *Philosophy*	1009180	ETHICS	6	2
			1011295	ETHICS IN A WORLD OF NATURE	6	2
			1011962	FOUNDATIONS OF SCIENCE	6	2
			1011961	HISTORY OF THE PHILOSOPHICAL TEXT	6	2
			1009667	NEUROSCIENCE AND LANGUAGE	6	1
			1010101	PHILOSOPHY OF MIND	6	1
			1011292	PHILOSOPHY OF PSYCHOLOGY	6	2
			12927	PHILOSOPHY OF SCIENCE	6	2
	5073	**LANGUAGE SCIENCES AND CULTURAL STUDIES FOR SPECIAL NEEDS** *(Degree Course fully taught in English language)*	1009662	ACADEMIC WRITING	3	1
			1011768	CLINICAL LINGUISTICS	6	2
			1009664	COGNITIVE LINGUISTICS	6	2
			1009669	ENGLISH LANGUAGE	6	2
			1009674	ENGLISH LANGUAGE AND LINGUISTICS	12	A
			1009670	ENGLISH LITERATURE	6	2
			1009676	INSTRUCTIONAL DESIGN FOR LANGUAGE TEACHING AND LEARNING	6	1
			1009677	INTERCULTURAL COMMUNICATION	6	2
			1010796	INTERSEMIOTIC ITALIAN STUDIES	6	1
			1009666	LANGUAGE EDUCATION FOR SPECIAL NEEDS	6	2
			1009665	LANGUAGE LEARNING, TEACHING AND ASSESSMENT	6	1
			1009667	NEUROSCIENCE AND LANGUAGE	6	1
			1009663	SOFT SKILLS FOR LANGUAGE LEARNERS AND TEACHERS	3	1
			1009678	SPECIAL NEEDS EDUCATION	6	2
	5078	**GIORNALISMO, CULTURA EDITORIALE, COMUNICAZIONE AMBIENTALE E MULTIMEDIALE** *Journalism, Editorial Culture, Environmental and Multimedia Communic.*	1011656	ENGLISH FOR SPECIFIC PURPOSES AND POPULARISATION	6	1
DIPARTIMENTO DI GIURISPRUDENZA, STUDÎ POLITICI E INTERNAZIONALI *Department of Law, Politics and International Studies*	5044	**RELAZIONI INTERNAZIONALI ED EUROPEE** *International and European Relations*	1011649	CONTRACT LAW AND BUSINESS NEGOTIATION	8	2
			1008826	ECONOMIC HISTORY OF EUROPE AND EUROPEAN FOOD	8	1
			1010095	ENGLISH FOR INTERNATIONAL RELATIONS	6	1
			1007964	EUROPEAN LEGAL ROOTS	6	2
			1010096	EUROPEAN UNION SUBSTANTIVE LAW	8	1
			1007963	INTERNATIONAL POLITICS	9	1
			1007965	PUBLIC ECONOMICS	9	2
	5081	**GLOBAL FOOD LAW: SUSTAINABILITY CHALLENGES AND INNOVATION** *(Degree Course fully taught in English language)*	1012153	CONSTITUTIONAL IDEAS ON FOOD LAW	6	1
			1012154	COMPARATIVE FOOD LAW BETWEEN SECURITY AND INNOVATION	6	2
			1012161	CULTURAL AND LEGAL HISTORY OF FOOD	6	2
			1012162	ECONOMICS OF INNOVATION AND SUSTAINABILITY	6	2
			1012156	EU LAW FOR FOOD SAFETY, SUSTAINABILITY AND CLIMATE CHANGE	6	1
			1012157	FOOD BUSINESS OPERATORS AND PRIVATE LAW: LIABILITY, CONTRACTS, COMPETITION	6	1
			1012159	FOOD DESIGN AND INTELLECTUAL PROPERTY RIGHTS	6	2
			1012155	FOOD LAW AND AGRICOLTURE EU POLICY	6	1
			1012164	FUNDAMENTALS OF FOOD SCIENCES	2	2

			1012165	FUNDAMENTALS OF FOOD SCIENCES	2	2
			1012166	FUNDAMENTALS OF FOOD SCIENCES	2	2
			1012160	GLOBAL TRADE LAW, INTERNATIONAL COMMERCE AND CORPORATES' INNOVATION	6	1
DIPARTIMENTO DI INGEGNERIA E ARCHITETTURA *Department of Engineering and Architecture*	5011	**INGEGNERIA CIVILE** *Civil Engineering*	1010419	ENGLISH FOR ENGINEERING AND ARCHITECTURE (B2)	3	1
	5013	**INGEGNERIA ELETTRONICA** *Electronic Engineering*	1009162	ADVANCED ELEMENTS OF ELECTRONIC POWER SYSTEMS	6	2
			1006063	ANTENNAS FOR WIRELESS SYSTEMS	6	1
			1006076	INTERNET OF THINGS	6	2
			1006078	MACHINE LEARNING FOR PATTERN RECOGNITION (1ST MODULE)	3	1
			1006079	MACHINE LEARNING FOR PATTERN RECOGNITION (2ST MODULE)	3	1
			1005253	PHOTONIC DEVICES	9	2
			1007808	PRESENTATION SKILLS	3	1
	5015	**INGEGNERIA INFORMATICA** *Computer Engineering*	1010750	3D PERCEPTION, LEARNING-BASED DATA FUSION	6	1
			1010751	AUTONOMOUS DRIVING AND ADAS TECHNOLOGIES	6	1
			1010561	CONTROL ENGINEERING LABORATORY	6	1
			1010559	CYBERSECURITY	6	2
			1009894	DEEP LEARNING AND GENERATIVE MODELS	6	1
			1007813	EMBEDDED SYSTEMS	6	2
			1007809	HIGH PERFORMANCE COMPUTING	6	2
			1006076	INTERNET OF THINGS	6	2
			1009202	MACHINE LEARNING	6	1
			1010560	MODEL IDENTIFICATION AND DATA ANALYSIS	6	2
			1007810	NONLINEAR SYSTEMS	6	2
			1010754	PATH AND TRAJECTORY PLANNING	6	1
			1007808	PRESENTATION SKILLS	3	1
			1010755	VEHICULAR COMMUNICATIONS	6	1
			1010752	VISUAL PERCEPTION FOR SELF-DRIVING CARS	6	1
	5052	**COMMUNICATION ENGINEERING** *(Degree Course fully taught in English language)*	1006831	5G WIRELESS NETWORKS	6	1
			1006063	ANTENNAS FOR WIRELESS SYSTEMS	6	1
			1009715	COMMUNICATION FUNDAMENTALS (UNIT 1)	6	1
			1009716	COMMUNICATION FUNDAMENTALS (UNIT 2)	3	1
			1009894	DEEP LEARNING AND GENERATIVE MODELS	6	1
			1005248	DETECTION AND ESTIMATION	9	2
			1005254	DIGITAL COMMUNICATIONS	9	1
			1007809	HIGH PERFORMANCE COMPUTING	6	2
			1005249	INFORMATION THEORY	6	2
			1006076	INTERNET OF THINGS	6	2
			1006078	MACHINE LEARNING FOR PATTERN RECOGNITION (1ST MODULE)	3	1
			1006079	MACHINE LEARNING FOR PATTERN RECOGNITION (2ST MODULE)	3	1
			1010560	MODEL IDENTIFICATION AND DATA ANALYSIS	6	2
			1009281	NETWORK INFORMATION THEORY	6	2
			1005251	NETWORK PERFORMANCE	6	1
			1007093	NETWORK SECURITY	6	2
			1007810	NONLINEAR SYSTEMS	6	2
			1005256	OPTICAL COMMUNICATIONS	9	2
			1007803	OPTICAL NETWORKING	6	1
			1005253	PHOTONIC DEVICES	9	2

			1007742	PROJECT MANAGEMENT	6	1
			1012147	SATELLITE NETWORKS	6	2
			1010755	VEHICULAR COMMUNICATIONS	6	1
			1005255	WIRELESS COMMUNICATIONS	9	1
	5066	**ARCHITETTURA E CITTÀ SOSTENIBILI** *Architecture and City Sustainability*	1011493	ANALYSIS AND CONSERVATION OF EXISTING STRUCTURES	4	A
			1010866	ANALYSIS AND EVALUATIONS OF ARCHITECTURAL REHABILITATION	2	A
			1010869	ANALYSIS AND METHODS FOR THE CONSERVATION OF HISTORICAL GARDENS	1	A
			1010870	ARCHITECTURAL ENGINEERING FOR PASSIVE BUILDING DESIGN	1	A
			1010638	ARCHITECTURAL TECHNOLOGIES FOR THE BUILT ENVIRONMENT	2	A
			1007327	ARCHITECTURE HISTORIOGRAPHY	4	1
			1011494	ASSESSMENT OF STRUCTURAL SAFETY	4	A
			1010654	COMPOSITION 5. ARCHITECTURE OF RELATIONS	1	A
			1010637	COMPOSITION 5. TYPOLOGY AND FIGURATION OF ARCHITECTURE	1	A
			1008325	CONSTRUCTION LAW, ENVIRONMENTAL AND CULTURAL HERITAGE LAW	4	1
			1010636	DESIGN 5. REGENERATION AND URBAN DESIGN	6	A
			1008317	DIGITAL MODELING OF ARCHITECTURE	4	2
			1008318	DIGITAL VISUALIZATION OF PROJECT	4	2
			1011485	ECONOMIC EVALUATION OF PLANS AND PROJECTS	4	A
			1010884	ENVIRONMENTAL AND LANDSCAPE ASSESSMENT	3	A
			1010887	ENVIRONMENTAL AND LANDSCAPE SURVEY	1	A
			1010656	ENVIRONMENTAL AND OUTDOOR COMFORT ASSESSMENT	1	A
			1010660	EVALUATION OF ECONOMIC SUSTAINABILITY AND SOCIAL IMPACT	1	A
			1010885	FEASIBILITY STUDY FOR PLANS AND PROJECTS	1	A
			1006917	GEOTECHNICS	4	2
			1011492	HERITAGE CONSERVATION AND RESTORATION	4	A
			1010658	HISTORICAL ANALYSIS FOR ARCHITECTURAL DESIGN	1	A
			1010865	INTEGRATED CONSERVATION OF BUILT HERITAGE	6	A
			1011486	LANDSCAPE PLANNING AND DESIGN	4	A
			1010867	LITHOLOGY AND GEOLOGY FOR ARCHITECTURE	2	A
			1007423	METHODS OF HISTORICAL RESEARCH ON ARCHITECTURE	4	1
			1008324	PLANNING LAW AND PUBLIC CONTRACTS	4	1
			1010641	SOCIOLOGY OF COMMUNICATION FOR URBAN REGENERATION	1	A
			1010659	SOCIOLOGY OF PARTICIPATION	1	A
			1010639	STRUCTURAL MODELLING FOR BUILDING DESIGN	2	A
			1010886	SUSTAINABLE MOBILITY	1	A
			1010627	SYSTEMS FOR SUSTAINABLE BUILDING	2	1
			1010626	URBAN AND ENVIRONMENTAL APPLIED PHYSICS	4	1
			1010883	URBAN AND REGIONAL PLANNING FOR ADAPTING TO CLIMATE CHANGE	1	A
			1011483	URBAN AND SUSTAINABLE PLANNING	6	A
			1010653	URBAN DESIGN 5. ARCHITECTURE FOR THE CONTEMPORARY CITY	6	A
			1011484	URBAN PLANNING ASSESSMENT TECHNIQUES	6	A
			1010655	URBAN STRATEGIES FOR ARCHITECTURAL DESIGN	1	A
			1010657	URBAN STREETS	1	A
			1010640	URBAN SURVEY	1	A
			1010882	URBAN, REGIONAL AND LANDSCAPE REGENERATION	6	A
			1010868	USE AND ABUSE OF HISTORY FOR RESTORATION	1	A

	5070	**ELECTRIC VEHICLE ENGINEERING** *(Degree Course fully taught in English language) - Location Parma*	1009229	DYNAMICS AND COMPLIANT CONTROL OF ELECTRIC VEHICLES M (1ST MODULE)	3	2
			1009230	DYNAMICS AND COMPLIANT CONTROL OF ELECTRIC VEHICLES M (2ST MODULE)	3	2
	5076	**ELECTRONIC ENGINEERING FOR INTELLIGENT VEHICLES** *(Degree Course fully taught in English language)*	1010750	3D PERCEPTION, LEARNING-BASED DATA FUSION	6	1
			1010685	ADVANCED AUTOMOTIVE SENSORS	6	1
			1010687	ARCHITECTURES AND FIRMWARE M	6	2
			1010737	ARTIFICIAL INTELLIGENCE FOR AUTOMOTIVE (MODULE 1)	3	1
			1010738	ARTIFICIAL INTELLIGENCE FOR AUTOMOTIVE (MODULE 2)	3	1
			1010690	AUTOMATIC CONTROL	6	2
			1010740	AUTOMOTIVE CONNECTIVITY	6	1
			1010741	AUTOMOTIVE CYBER SECURITY	6	1
			1010748	AUTOMOTIVE LIGHTING AND RANGING TECHNOGIES	6	1
			1010735	AUTOMOTIVE TECHNOLOGIES FOR RANGING, VISION, AND CONNECTIVITY	6	1
			1010751	AUTONOMOUS DRIVING AND ADAS TECHNOLOGIES	6	1
			1010749	COMPUTER ENGINEERING LABORATORY	3	1
			1010713	CONNECTED VEHICLES	3	2
			1010702	DEEP LEARNING FOR ENGINEERING APPLICATIONS	6	2
			1010709	DYNAMICS AND COMPLIANT DESIGN OF ROAD VEHICLES (MODULE 1)	3	2
			1010710	DYNAMICS AND COMPLIANT DESIGN OF ROAD VEHICLES (MODULE 2)	3	2
			1010734	ELECTRONIC SYSTEM DESIGN	6	1
			1010747	ELECTRONICS FOR AUTOMOTIVE SYSTEMS	6	1
			1010711	GROUND VEHICLE DYNAMICS	3	1
			1010698	IMAGE PROCESSING AND COMPUTER VISION	6	1
			1010739	INDUSTRIAL CO-TEACHING	6	1
			1010742	MODELING AND CONTROL OF ELECTROMECHANICAL SYSTEMS	6	1
			1010754	PATH AND TRAJECTORY PLANNING	6	1
			1010744	PLATFORMS AND ALGORITHMS FOR AUTONOMOUS DRIVING (MODULE 1)	4	1
			1010745	PLATFORMS AND ALGORITHMS FOR AUTONOMOUS DRIVING (MODULE 2)	2	1
			1010703	POWER ELECTRONICS FOR AUTOMOTIVE	6	1
			1010888	PRODUCT SAFETY, PRODUCT LIABILITY AND AUTOMOTIVE	6	1
			1010688	REAL TIME OS (UNIT1)	3	1
			1010689	REAL TIME OS (UNIT 2)	3	2
			1010691	SIGNALS AND SYSTEMS FOR VEHICULAR COMMUNICATIONS (MODULE 1)	3	1
			1010693	SIGNALS AND SYSTEMS FOR VEHICULAR COMMUNICATIONS (MODULE 2)	3	1
			1010706	STATISTICAL SIGNAL PROCESSING (MODULE 1)	3	2
			1010707	STATISTICAL SIGNAL PROCESSING (MODULE 2)	3	2
			1011537	TEST, DIAGNOSIS AND RELIABILITY (MODULE 1)	3	1
			1011538	TEST, DIAGNOSIS AND RELIABILITY (MODULE 2)	3	1
			1010889	TRAINING FOR AUTOMOTIVE COMPANIES CREATION I	6	1
			1011540	TRAINING FOR AUTOMOTIVE COMPANIES CREATION II	6	2
			1010755	VEHICULAR COMMUNICATIONS	6	1
			1010700	VEHICULAR RADIO PROPAGATION (MODULE 1)	3	1
			1010701	VEHICULAR RADIO PROPAGATION (MODULE 2)	6	2
			1010753	VIRTUAL SYSTEMS AND HUMAN MACHINE INTERFACE	6	1
			1010752	VISUAL PERCEPTION FOR SELF-DRIVING CARS	6	1
			1010695	WIRED AND WIRELESS INTERCONNECTIONS (MODULE 1)	3	1
			1010696	WIRED AND WIRELESS INTERCONNECTIONS (MODULE 2)	3	2

			1010697	WIRED AND WIRELESS INTERCONNECTIONS (MODULE 3)	3	2
	5014	**INGEGNERIA GESTIONALE** *Management Engineering*	1010198	DIGITAL TWIN IN FOOD INDUSTRY	6	2
			1008057	FINANCIAL AND COST MANAGEMENT	9	2
			1010837	MECHANICAL AUTOMATION FOR THE FOOD INDUSTRY	9	2
			1007742	PROJECT MANAGEMENT	6	1
			1012371	RETAIL MARKETING	6	2
	5016	**INGEGNERIA MECCANICA** *Mechanical Engineering*	1011078	DESIGN OF MECHATRONICS SYSTEM	6	2
			1011837	DIGITAL TWIN IN THE FOOD INDUSTRY	6	2
			1008873	DYNAMIC AND STABILITY OF CONTINUOS SYSTEM	6	2
			1008057	FINANCIAL AND COST MANAGEMENT	9	2
			1007742	PROJECT MANAGEMENT	6	1
			1010228	UTILITY PLANT DESIGN	9	2
DIPARTIMENTO DI INGEGNERIA DEI SISTEMI E DELLE TECNOLOGIE INDUSTRIALI *Department of Engineering for Industrial Systems and Technologies*	5057	**ADVANCED AUTOMOTIVE ENGINEERING** *(Degree Course fully taught in English language) - Location Parma*	1008222	CHASSIS AND BODY DESIGN	3	1
			1009391	DESIGN RACING CAR COMPOSITE STRUCTURES	3	1
	5075	**ENGINEERING FOR THE FOOD INDUSTRY** *(Degree Course fully taught in English language)*	1008425	ADVANCED AND PREDICTIVE FOOD MICROBIOLOGY	6	1
			1008424	ADVANCED FOOD TECHNOLOGY AND FOOD PROCESS	6	1
			1010198	DIGITAL TWIN IN FOOD INDUSTRY	6	2
			1010194	FLUID MACHINERY FOR FOOD INDUSTRY	6	2
			1010214	FOOD HYGIENE AND MICROBIOLOGY - UNIT 1	3	1
			1010215	FOOD HYGIENE AND MICROBIOLOGY - UNIT 2	6	1
			1010216	FOOD HYGIENE AND MICROBIOLOGY - UNIT 3	6	1
			1010195	FOOD INDUSTRY SYSTEMS	9	2
			1008409	FOOD LAW AND INTERNATIONAL POLICIES	6	2
			1010199	FOOD MACHINERY DESIGN	6	2
			1010218	FOOD PACKAGING MATERIALS AND TECHNOLOGY - UNIT 1	6	1
			1010219	FOOD PACKAGING MATERIALS AND TECHNOLOGY - UNIT 2	3	1
			1010197	FOOD SCIENCE AND TECHNOLOGY	6	2
			1010192	HEAT AND MASS TRANSFER IN FOOD PROCESSING	9	1
			1006076	INTERNET OF THINGS	6	2
			1010837	MECHANICAL AUTOMATION FOR THE FOOD INDUSTRY	12	2
			1010193	METALLIC MATERIALS FOR FOOD INDUSTRY	6	1
			1008419	MITIGATION OF RISK IN FOOD PRODUCTION	6	1
			1007742	PROJECT MANAGEMENT	6	1
			1010196	UTILITY PLANTS DESIGN	9	2
DIPARTIMENTO DI SCIENZE CHIMICHE, DELLA VITA E DELLA SOSTENIBILITÀ AMBIENTALE *Department of Chemistry, Life Sciences and Environmental Sustainability*	5039	**CHIMICA** *Chemistry*	1006027	BIOINORGANIC CHEMISTRY	6	2
			1009159	COMPUTATIONAL CHEMISTRY	6	1
			14715	LABORATORY FOR INORGANIC MATTER CHEMISTRY	6	2
			1012301	PHYSICAL CHEMISTRY OF MOLECULAR MATERIALS	6	2
			1006018	SOLID STATE CHEMISTRY	6	2
	5041	**CHIMICA INDUSTRIALE** *Industrial Chemistry*	1008516	CHEMISTRY AND TECHNOLOGY OF GLASS	6	1
			1005983	FUNCTIONAL MATERIALS	9	2
			1008517	SUSTAINABLE TECHNOLOGY AND ALTERNATIVE SOURCES	6	1
	5043	**SCIENZE E TECNOLOGIE PER L'AMBIENTE E LE RISORSE** *Sciences and Technologies for Environment and Resources*	1009300	INTEGRATED ANALYSIS OF AQUATIC ECOSYSTEMS FOR MANAGEMENT AND RESTORATION PROGRAMS	6	2
			1010485	NATURE-BASED SOLUTIONS FOR THE ECOLOGICAL TRANSITION OF URBAN- AND AGRO-ECOSYSTEMS	3	2
	5061		1011542	ALPINE PLANT ECOLOGY	3	2

		ECOLOGIA ED ETOLOGIA PER LA CONSERVAZIONE DELLA NATURA *Ecology and Ethology for Nature Conservation*	1007197	BIODIVERSITY AND ECOSYSTEM FUNCTIONING	6	1
			1010677	COMPARATIVE COGNITION AND SOCIAL BEHAVIOUR OF CANIDS	3	2
			1012333	MOLECULAR ECOLOGY AND EVOLUTION OF PRIMATES	3	1
			1011145	NETWORKS IN ECOLOGY AND ETHOLOGY	3	1
	5062	**SCIENZE BIOMOLECOLARI, GENOMICHE E CELLULARI** *Biomolecular, Genomic and Cellular Sciences*	1012316	CARDIAC ELECTROPHYSIOLOGY	3	2
			1009367	MOLECULAR ANTROPOLOGY	6	1
	5071	**SCIENZE BIOMEDICHE TRASLAZIONALI** *Biomedical and Translational Sciences*	1007796	DESIGNING AND PERFORMING A RESEARCH PROJECT IN BIOMEDICINE	6	2
	5072	**SCIENZE GEOLOGICHE APPLICATE ALLA SOSTENIBILITÀ AMBIENTALE** *Geological Sciences Applied to Environmental Sustainability*	1012491	GEOLOGICAL RESERVOIRS AND SEALS FOR THE GREEN ENERGY TRANSITION	6	2
			1012492	GEOTHERMAL ENERGY	6	2
			1012490	HAZARDS IN MOUNTAIN, HILLY AND ALLUVIAL ENVIRONMENTS	6	2
			1012493	RAW MATERIALS FOR THE ENERGY TRANSITION	6	2
	5082	**FUNCTIONAL AND SUSTAINABLE MATERIALS** *(Degree Course fully taught in English language)*	1012252	ADVANCED SYNTHESIS OF SUSTAINABLE MOLECULAR MATERIALS & LAB	6	2
			1012202	CARBON-BASED NANOSTRUCTURES	6	1
			1012261	CATALYTIC TECHNOLOGIES FOR SUSTAINABILITY	6	1
			1012262	CHEMICAL SENSORS BASED ON ADVANCED AND SUSTAINABLE FUNCTIONAL MATERIALS	6	2
			1008538	CONDENSED MATTER PHYSICS	9	A
			1012263	GEOMATERIALS FOR SUSTAINABILITY	6	1
			1012259	INORGANIC GLASS	6	1
			1012200	LABORATORY OF MOLECULAR NANOTECHNOLOGY	6	2
			1012267	MATERIALS-BY-DESIGN LABORATORY	6	2
			1012265	METALLIC MATERIALS FOR ADDITIVE MANUFACTURING	3	1
			1012268	MOLECULAR FUNCTIONAL MATERIALS	6	2
			1012269	PLANT-BASED SUSTAINABLE MATERIALS	6	1
			1012266	POLYMERIC MATERIALS FOR ADDITIVE MANUFACTURING	3	1
			1012257	STATISTICS AND CHEMOMETRICS FOR MATERIALS SCIENCE	6	2
			1012260	SUSTAINABLE POLYMERIC MATERIALS AND LAB	6	1
DIPARTIMENTO DI SCIENZE DEGLI ALIMENTI E DEL FARMACO *Department of Food and Drug*	5063	**FOOD SCIENCES FOR INNOVATION AND AUTHENTICITY** *(Degree Course fully taught in English language) - Location Parma*	1008536	APPLIED HUMAN NUTRITION	6	1
			1008042	CONSUMER BEHAVIOUR	4	1
			1008700	EXPOSURE ASSESSMENT AND RISK/BENEFIT EVALUATION	6	2
			1009248	FOOD TOXICOLOGY	6	1
			1008535	HUMAN NUTRITION	6	1
			1008537	INDUSTRIAL MICROBIOLOGY FOR FOOD QUALITY IMPROVEMENT	6	1
			1009251	NOVEL AND FUNCTIONAL FOODS	2	1
			1008699	NUTRITIONAL INNOVATION IN BAKERY AND CONFECTIONARY PRODUCTS	2	1
			1011694	VALORISATION OF LOCAL AGRI-FOOD PRODUCTS	5	1
	5064	**FOOD SAFETY AND FOOD RISK MANAGEMENT** *(Degree Course fully taught in English language)*	1008425	ADVANCED AND PREDICTIVE FOOD MICROBIOLOGY	6	1
			1009221	ADVANCED FOOD PROCESSING AND PACKAGING	6	1
			1009235	AGRI - FOOD AUTHENTICITY AND FRAUD	6	2
			1008414	ANIMAL PESTS IN STORED AGRI-FOOD PRODUCTS AND THEIR MANAGEMENT	6	1
			1008408	ANIMAL WELFARE	6	2
			1008405	BIOLOGICAL HAZARDS IN FOOD	6	2
			1008411	BIOSTATISTICS	6	1
			1008417	BIOTECHNOLOGY AND SAFETY ASPECTS OF VEGETABLE-BASED FOODS	3	1
			1012323	CHEMICAL ECOLOGY AND TROPHIC INTERACTION IN AGROECOSYSTEMS	3	1

			1009232	CHEMOMETRICS	6	1
			1009234	CONSUMER FOOD PSYCHOLOGY AND MARKETING INTELLIGENCE	6	2
			1011638	DAMR PROJECT	1	1
			1008420	EMERGING RISKS	6	1
			1010016	ETHICS AND ANTHROPOLOGY OF FOOD	3	2
			1009233	ETHNOBOTANY: THE ROLE OF PLANTS IN OUR LIFE	2	1
			1008430	EVALUATION OF ADVERSE HEALTH EFFECTS FROM HUMAN EXPOSURE TO FOODBORNE HAZARDS	3	1
			1008401	EXPOSURE ASSESSMENT AND RISK/BENEFIT EVALUATION	6	2
			1008428	FARM BIOSECURITY AND ZOONOTIC DISEASES PREVENTION	3	1
			1008422	FOOD ALLERGENS	6	1
			1009242	FOOD ECONOMICS & POLICY	6	2
			1008409	FOOD LAW AND INTERNATIONAL POLICIES	6	1
			1008404	FOOD MICROBIOLOGY	6	1
			1008403	FOOD TECHNOLOGY	6	2
			1008400	FOOD TOXICOLOGY	6	1
			1008427	FOODBORNE RISK TRACEABILITY	3	1
			1009429	GEOCHEMICAL AND ISOTOPIC FINGERPRINT AS TOOLS FOR FOOD TRACEABILITY AND FOOD SAFETY	6	2
			1008418	GOOD AGRICULTURAL PRACTICES AND IDENTITY PRESERVATION	3	1
			1008431	INNOVATIVE APPROACH FOR RISK ASSESSMENT IN MICROBIOME FOOD VALUE CHAIN	3	1
			1009238	MICROBIAL GENOMICS FOR RISK ANALYSIS IN THE FOOD CHAIN	3	2
			1008421	MITIGATION OF PROCESS-RELATED TOXICANTS	6	1
			1008419	MITIGATION OF RISK IN FOOD PRODUCTION	6	1
			1008415	MYCOTOXIGENIC FUNGI IN AGRI-FOOD AND PESTICIDE CONTAMINATION: ANALYSIS AND RISK MANAGEMENT	6	1
			1008407	PLANT HEALTH	6	2
			1010017	POST-HARVEST LOSSES AND THEIR MANAGEMENT	6	2
			1009241	RISK MANAGEMENT OF ANTIMICROBIAL RESISTANCE	3	2
			1009240	RISK MANAGEMENT OF ZOONOTIC PARASITES ALONG THE FOOD CHAIN	3	2
			1008410	XENOBIOTICS IN FOOD	6	1
DIPARTIMENTO DI SCIENZE ECONOMICHE E AZIENDALI *Department of Economics and Management*	5003	**AMMINISTRAZIONE E DIREZIONE AZIENDALE** *Business Administration*	1006230	ADVANCED MANAGEMENT ACCOUNTING	6	2
			1010389	BASMA (BUSINESS ACTIVE LEARNING ON STRATEGIC MANAGEMENT) - LABORATORY	4	2
			1006234	BUSINESS ENGLISH (B2)	3	1
			1011640	EUROPEAN INDUSTRIAL POLICY	8	2
			1012309	FUNDAMENTALS OF MANAGEMENT CONTROL - ENGLISH AND ASSOCIATIVES TRACKS	8	1
	5005	**FINANZA E RISK MANAGEMENT** *Finance and Risk Management*	1007273	BUSINESS ENGLISH (B2)	6	2
			1006726	FINANCIAL ANALYSIS AND FORECASTING	9	1
			1010843	INSURANCE ACTUARIAL MANAGEMENT	8	1
			1006728	RISK MANAGEMENT AND VALUE CREATION IN BANKS	9	1
	5047	**INTERNATIONAL BUSINESS AND DEVELOPMENT** *(Degree Course fully taught in English language)*	1004550	COMMUNICATION SKILLS	3	2
			1010934	CONTEMPORARY ISSUES AND TOOLS IN ECONOMICS	7	2
			1004549	DEVELOPMENT ECONOMICS AND INTERNATIONAL COOPERATION -IBD	9	1
			1003966	ECONOMIC GROWTH	5	1
			1003960	ECONOMIC STATISTICS	9	2

			1012281	ECONOMICS OF INNOVATION AND SUSTAINABILITY	9	2
			1012401	ECONOMY OF TRUST	6	2
			1007316	ENVIRONMENTAL ECONOMICS AND POLICY	6	2
			1003967	HISTORY OF GLOBALIZATION	4	1
			1010929	INTERNATIONAL ACCOUNTING AND GOVERNANCE	10	1
			1010932	INTERNATIONAL BRANDING AND RETAILING - MOD. 1	8	2
			1010933	INTERNATIONAL BRANDING AND RETAILING - MOD. 2	2	2
			1009375	INTERNATIONAL FINANCIAL MANAGEMENT	9	1
			1008734	LAW, ECONOMICS AND CULTURE	8	1
			1010935	MICRO AND MACRO ECONOMICS	9	1
			1010930	SOCIOLOGY AND ECONOMICS OF GLOBALIZATION	9	2
			1012396	WORKSHOP PRACTICAL TOOLS FOR BUSINESS MANAGEMENT - MOD. 1	2	1
			1012397	WORKSHOP PRACTICAL TOOLS FOR BUSINESS MANAGEMENT - MOD. 2	2	1
	5059	**TRADE E CONSUMER MARKETING** *Trade and Consumer Marketing*	1006234	BUSINESS ENGLISH (B2)	3	1
			1007544	CRM AND CUSTOMER ANALYTICS	5	2
			1011648	ECONOMICS FOR MANAGEMENT	7	2
			1007985	LOYALTY MARKETING	5	1
			1010895	MARKETING LAW	6	2
			1007208	MODERN RETAIL DEVELOPMENT	8	1
	5077	**ECONOMIA E MANAGEMENT DEI SISTEMI ALIMENTARI SOSTENIBILI** *Economics and Management of Sustainable Food Environment*	1012413	AGRIFOOD MARKETS	3	2
			1008042	CONSUMER BEHAVIOUR	4	1
			1011689	DATA MANAGEMENT FOR SOSTAINABILITY ASSEMENT	5	1
			1008826	ECONOMIC HISTORY OF EUROPE AND EUROPEAN FOOD	6	1
			1011687	ECONOMIC STATISTICS	8	2
			1011692	ECONOMICS OF FOOD QUALITY SCHEMES	5	1
			1011691	ECONOMICS OF VALUE CHAINS	5	1
			1007316	ENVIRONMENTAL ECONOMICS AND POLICY	6	1
			1008827	EUROPEAN AND GLOBAL FOOD LAW	6	1
			1010970	FOOD POLICY AND SUSTAINABILITY	5	1
			1011698	HERBS, SPICES AND NERVINE PLANTS	4	2
			1012501	INTERNATIONAL DEVELOPMENT AND DEVELOPMENT INSTITUTIONS IN THE AFRICAN CONTINENT	6	2
			1011709	INTERNATIONAL COOPERATION IN THE AGRIFOOD SECTOR FOR SUSTAINABLE VALUE CHAINS	3	2
			1011677	MANAGEMENT AND SUSTAINABILITY ACCOUNTING	8	2
			1011252	MODELLING AGRICULTURAL AND ENVIRONMENTAL POLICIES	3	2
			1011699	NUTRACEUTICALS	4	2
			1011697	NUTRITION AND APPLIED DIETETICS	5	2
			1011693	QUALITY OF MEAT AND FISH PRODUCTS	4	1
			1010982	SOCIO ECONOMIC ANALYSIS OF AGRIFOOD ENVIRONMENTS	6	1
			1011694	VALORISATION OF LOCAL AGRI-FOOD PRODUCTS	5	1
DIPARTIMENTO DI SCIENZE MATEMATICHE, FISICHE E INFORMATICHE *Department of Mathematical, Physical and Computer Sciences*	5036	**FISICA** *Physics*	1006027	BIOINORGANIC CHEMISTRY	6	2
			1012480	BLACK HOLES PHYSICS	6	2
			1012202	CARBON-BASED NANOSTRUCTURES	6	1
			1010779	ENGLISH B2 FOR STEM	3	1
			1012200	LABORATORY OF MOLECULAR NANOTECHNOLOGY	6	2
			1012201	MATERIALS PHYSICS AND TECHNOLOGY	6	1
			1009195	PHOTOBIOPHYSICS AND PHOTOBIOLOGY	6	1

			1007808	PRESENTATION SKILLS	3	1
			1011675	STOCHASTIC PROCESSES IN PHYSICS	6	2
			1010345	X-RAY AND NEUTRON SCATTERING METHODS FOR THE STUDY OF BIOLOGICAL MACROMOLECULES	6	2
	5069	**SCIENZE INFORMATICHE** *Computer Science*	1009069	DEVELOPMENT OF RELIABLE, SAFE AND SECURE SOFTWARE	6	2
			1007808	PRESENTATION SKILLS	3	2