

**Courses in English,  
2019/20**

	<b>Programme</b>	<b>Unit course Code</b>	<b>Unit Course Name</b>	<b>Year</b>	<b>Sem.</b>	<b>ECTS</b>	<b>English</b>
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0004	Geology I	1	1S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0008	Computers and Programming	1	2S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0007	Mathematical Analysis II	1	2S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0012	Numerical Methods	2	1S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0013	Strength of Materials	2	1S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0016	Cartography, Topography and GIS	2	2S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0017	Dynamical Systems and Optimization	2	2S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0018	Materials Characterization	2	2S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0026	Environmental Geology	3	1S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0023	Rock Mass Exploitation	3	1S	6	Yes
LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0027	Geological and Geophysical Surveying	3	2S	6	Yes

LCEEMG	Bachelor in Mining and Geo-Environmental Engineering	EMG0028	Load and Transport Systems	3	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0187	Fermentation Engineering	3	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0186	Microbial Biochemistry	3	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0142	Biological Systems Interfaces	3	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0208	Transfer Phenomena II	3	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0196	Bioresources Engineering	3	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0179	Biomedical Instrumentation	3	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0029	Process Control and Instrumentation	3	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0188	Protein Engineering	3	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0189	Enzymatic Engineering	3	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0191	Bionics and Medical Robotics	4	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0149	Computer-aided diagnosis	4	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0061	Information Systems Engineering	4	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0192	Mobile Computing on Biomedical Engineering	4	1S	6	Yes

MIB	Integrated Master in Bioengineering	EBE0184	Food Technology	4	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0185	Repair and Tissue Regeneration	4	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0184	Food Technology	4	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0209	Research Project	4	2S	12	Yes
MIB	Integrated Master in Bioengineering	EBE0193	Medical Imaging	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0193	Medical Imagiology	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0148	Modelation in Biomedical Engineering	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0195	Neuroengineering	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0194	Telemedicine and e-Health	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0198	Cellular and Metabolic Engineering	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0061	Biomedical Electronic Systems	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0148	Modeling in Biomedical Engineering	4	2S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0210	Seminars and Research Project	5	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0160	Dissertation	5	1S	30	Yes
MIB	Integrated Master in Bioengineering	EBE0214	Biodesign Innovation	5	1S	3	Yes

MIB	Integrated Master in Bioengineering	EBE0178	Biomechanical Simulation	5	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0215	Design in Biomedical Engineering	5	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0199	Economics and Management	5	1S	3	Yes
MIB	Integrated Master in Bioengineering	EBE0215	Biomedical Engineering Project	5	1S	12	Yes
MIB	Integrated Master in Bioengineering	EBE0060	Rehabilitation Engineering	5	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0060	Rehabilitation Engineering	5	1S	6	Yes
MIB	Integrated Master in Bioengineering	EBE0160	Dissertation	5	2S	30	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0135	Chemical Engineering Practice III	4	1S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0088	Elements of Industrial Management	4	1S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0089	Reaction Engineering III	4	1S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0138	Renewable Energies	4	1S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0137	Chemical Engineering Practice IV	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0097	Industrial Informatics I	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0095	Introduction to Engineering Project	4	2S	6	Yes

MIEQ	Integrated Master in Chemical Engineering	EQ0136	Oil Refining and Petrochemistry	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0099	Polymeric Materials I	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0093	Process Dynamics and Control	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0094	Process Strategy and Optimization	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0103	Renewable Energies II	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0104	Solid Waste Treatment Technologies and Systems	4	2S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0107	Dissertation	5	1S	30	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0126	Energy and Environmental Policy	5	1S	3	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0124	Engineering Project	5	1S	12	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0123	Industrial Informatics II	5	1S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0119	Nano Materials/Systems/Manufacturing	5	1S	3	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0122	Polymeric Material II	5	1S	6	Yes
MIEQ	Integrated Master in Chemical Engineering	EQ0125	Renewable Energy III	5	1S	6	Yes

MIEQ	Integrated Master in Chemical Engineering	EQ0127	Water Treatment Technologies and Systems	5	1S	6	Yes
MIEC	Integrated Master in Civil Engineering	EC0020	Structural Analysis 1	3	1S	7	Yes
MIEC	Integrated Master in Civil Engineering	EC0027	Hydrology and Water Resources	3	2S	6,5	Yes
MIEC	Integrated Master in Civil Engineering	EC0026	Structural Analysis 2	3	2S	7	Yes
MIEC	Integrated Master in Civil Engineering	EC0028	Technology of Construction	3	2S	5,5	Yes
MIEC	Integrated Master in Civil Engineering	EC0033	Environmental and Urban Hydraulics	4	1S	6,5	Yes
MIEC	Integrated Master in Civil Engineering	EC0035	Project Management	4	1S	3	Yes
MIEC	Integrated Master in Civil Engineering	EC0034	Roads 1	4	1S	5,5	Yes
MIEC	Integrated Master in Civil Engineering	EC0032	Soil Mechanics 1	4	1S	7	Yes
MIEC	Integrated Master in Civil Engineering	EC0031	Structural Concrete 1	4	1S	8	Yes
MIEC	Integrated Master in Civil Engineering	EC0040	Construction Management and Safety	4	2S	4,5	Yes
MIEC	Integrated Master in Civil Engineering	EC0039	Roads 2	4	2S	6,5	Yes
MIEC	Integrated Master in Civil Engineering	EC0037	Soil Mechanics 2	4	2S	6	Yes

MIEC	Integrated Master in Civil Engineering	EC0036	Structural Concrete 2	4	2S	8	Yes
MIEC	Integrated Master in Civil Engineering	EC0038	Urban Environment and Transport Planning	4	2S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0047	Construction Monitoring and Observation	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0043	Construction with New Materials	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0077	Earth Retaining Structures	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0098	Maritime Works 1	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0102	Maritime Works 2	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0081	Planning and Environmental Quality	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0067	Quality in Construction	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0090	Railways	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0053	Steel and Composite Structures	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0139	Thesis in Building Construction	5	1S	30	Yes
MIEC	Integrated Master in Civil Engineering	EC0140	Thesis in Geotechnics	5	1S	30	Yes

MIEC	Integrated Master in Civil Engineering	EC0141	Thesis in Hydraulics	5	1S	30	Yes
MIEC	Integrated Master in Civil Engineering	EC0142	Thesis in Materials and Construction Processes	5	1S	30	Yes
MIEC	Integrated Master in Civil Engineering	EC0144	Thesis in Transport Infrastructures	5	1S	30	Yes
MIEC	Integrated Master in Civil Engineering	EC0087	Transport Systems	5	1S	5	Yes
MIEC	Integrated Master in Civil Engineering	EC0138	Thesis in Structures	5	2S	30	Yes
MIEC	Integrated Master in Civil Engineering	EC0143	Thesis in Territory Planning and Environment	5	2S	30	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0033	Computer Networks	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0055	Digital System Design	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0145	Industrial Computing Architectures	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0144	Industrial Informatics	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0097	Power Electronics Systems	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0107	Power Systems and Control	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0042	Antennas and Propagation	4	2S	6	Yes



MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0083	Computational Intelligence Based Systems	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0150	Embedded Systems	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0093	Industrial Robotics	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0043	Mobile Communications	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0147	Triggering and Movement (Motion Control)	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0050	Multimedia systems	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0045	Network Planning and Management	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0038	Optical Communications	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0056	VLSI Circuit Design	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0153	Analogue Microelectronics	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0102	Autonomous Robotic Systems	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0048	Communications Services	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0053	Digital Television and New Services	5	1S	6	Yes

MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0121	Disperse Generation	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0049	Distributed Systems	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0152	Electronic Systems	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0146	Engineering Systems - Automation and Instrumentation	5	1S	9	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0140	Engineering Systems - Telecommunications, Electronics and Computers	5	1S	9	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0113	Protection of Power Systems	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0148	Renewable Energy Systems	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0115	Systems Dynamics and Stability	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0030	Programming Laboratories	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0032	Telecommunication Systems	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0110	Quality and Markets	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0047	Security for Systems and Networks	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0051	Processing and Coding for Multimedia Information	4	2S	6	Yes

MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0052	Multimedia Laboratory	5	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0086	Decision Support Systemas	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0100	Vision-Based Systems	4	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0134	High Voltage Systems	4	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0026	Digital Signal Processing	3	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0028	Electronics 3	3	2S	7	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0139	Operating Systems	3	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0076	Information Systems	3	2S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0081	Based Systems and Interfaces (Microprocessor Based Systems)	3	1S	6	Yes
MIEEC	Integrated Master in Electrical and Computer Engineering	EEC0105	Steady State Power System Analysis	3	2S	6,5	Yes
MIEA	Integrated Master in Environmental Engineering	EA0040	Environmental Engineering Laboratories III	4	1S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0039	Gaseous Emissions Control and Management	4	1S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0045	Environmental Engineering Laboratories IV	4	2S	6	Yes

MIEA	Integrated Master in Environmental Engineering	EA0075	Environmental Quantitative Risk Analysis	4	2S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0044	Industrial Ecology and Quality Management	4	2S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0064	Coastal Environments	5	1S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0051	Hydric Resources and Protected Areas Management	5	1S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0067	Planning and Environmental Quality	5	1S	6	Yes
MIEA	Integrated Master in Environmental Engineering	EA0070	Preliminary Project	5	1S	12	Yes
MIEA	Integrated Master in Environmental Engineering	EA0078	Dissertation	5	2S	30	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0032	Financial Management	4	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0034	General Management	4	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0030	Logistics Management	4	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0028	Total Quality Management	4	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0026	Operational Research II	4	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0067	Business Analytics	4	2S	6	Yes

MIEGI	Integrated Master in Industrial Engineering and Management	EIG0033	Maintenance Management	4	2S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0031	Marketing	4	2S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0035	Project Appraisal	4	2S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0070	Business Process Modeling	5	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0040	Corporate Strategy	5	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0068	Operations Management Project	5	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0039	Management Control	5	1S	6	Yes
MIEGI	Integrated Master in Industrial Engineering and Management	EIG0071	Technological Entrepreneurship Laboratory	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0010	Physics I	1	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0020	Computer Laboratory	2	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0022	Computing Theory	2	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0021	Numerical Methods	2	1S	4,5	Yes

MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0014	Physics II	2	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0110	Algorithm Design and Analysis	2	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0019	Computer Graphics	2	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0023	Databases	2	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0111	Object Oriented Programming Laboratory	2	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0032	Computer Networks	3	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0084	Graphical Applications Laboratory	3	1S	7,5	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0026	Logic Programming	3	1S	4,5	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0024	Software Engineering	3	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0112	Web Languages and Technologies	3	1S	6	Yes

MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0029	Artificial Intelligence	3	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0028	Compilers	3	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0085	Database and Web Applications Laboratory	3	2S	7,5	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0036	Distributed Systems	3	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0033	Agents and Distributed Artificial Intelligence	4	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0034	Enterprise Management	4	1S	4,5	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0039	Formal Methods in Software Engineering	4	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0040	Information Systems	4	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0086	Software Development Laboratory	4	1S	7,5	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0090	Computer Games Development	4	2S	6	Yes

MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0072	Computer Systems Security	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0076	Database Technologies	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0077	Distribution and Integration Technologies	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0102	Embedded and Real Time Systems	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0061	Marketing	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0107	Markup Languages and Document Processing	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0082	Mobile Communications	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0064	Multimedia and New Services	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0095	Network and Systems Architecture and Management	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0037	Operational Research	4	2S	4,5	Yes



MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0091	Operations Management and Logistics	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0089	Parallel Computing	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0106	Project Management Laboratory	4	2S	7,5	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0048	Software Systems Architecture	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0053	Software Systems Requirements Engineering	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0098	Systems Modeling and Simulation	4	2S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0062	Agile Software Development Methodologies	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0104	Computer Vision	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0046	Data Warehouses	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0057	Human-Computer Interaction	5	1S	6	Yes

MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0108	Information Description, Storage and Retrieval	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0099	Information Systems and Software Engineering Seminar	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0101	Intelligent Systems, Interaction and Multimedia Seminar	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0096	Knowledge Extraction and Machine Learning	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0050	Mobile Computing	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0092	Network and System Services	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0071	Robotics	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0113	Software Testing, Verification and Validation	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0070	Virtual and Augmented Reality	5	1S	6	Yes
MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0041	Dissertation	5	2S	30	Yes

MIEIC	Integrated Master in Informatics and Computing Engineering	EIC0087	Dissertation Planning	5	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0030	Information Systems	3	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0103	Complements of Control Systems	4	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0101	Introduction to Machine Design-A	4	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0128	Machine Elements II	4	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0033	Structural Mechanics II	4	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0117	Building Physics	4	2S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0114	Advanced Manufacturing Processes	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0115	Composite Systems	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0067	Fatigue and Fracture Mechanics	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0130	Global Engineering	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0113	Integrated Product Design	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0105	Introduction to Machine Design-B	5	1S	6	Yes

MIEM	Integrated Master in Mechanical Engineering	EM0118	Numerical Modelling of Thermal Systems	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0072	Plates and Shells	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0129	Production Management	5	1S	6	Yes
MIEM	Integrated Master in Mechanical Engineering	EM0120	Solar Energy	5	1S	6	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0029	Polymeric Materials	3	2S	6	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0052	Aluminium Alloys	4	1S	4	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0033	Coatings and Surface Treatments	4	1S	7	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0034	Foundry	4	1S	7	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0036	Materials Selection	4	2S	6	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0051	Nanomaterials	4	2S	5	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0041	Seminar	5	1S	6	Yes

MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0025	Materials Degradation	3	1S	6	Yes
MIEMM	Integrated Master in Metalurgical and Materials Engineering	EMM0047	Biomaterials	3	2S	4	Yes
MEB	Master in Biomedical Engineering	MEB0022	Seminars on Biomedical Engineering	1	1S	6	Yes
MEB	Master in Biomedical Engineering	MEB0024	Practical Assignments	1	2S	6	Yes
MEB	Master in Biomedical Engineering	MEB0026	Preparation of the Dissertation	2	1S	12	Yes
MEB	Master in Biomedical Engineering	MEB0027	Dissertation	2	A	48	Yes
MEB	Master in Biomedical Engineering	EBE0142	Biological Systems Interfaces	3	1S	6	Yes
MEB	Master in Biomedical Engineering	EBE0179	Biomedical Instrumentation	3	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0029	Process Control and Instrumentation	3	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0188	Protein Engineering	3	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0191	Bionics and Medical Robotics	4	1S	6	Yes
MEB	Master in Biomedical Engineering	EBE0149	Computer-aided diagnosis	4	1S	6	Yes
MEB	Master in Biomedical Engineering	EBE0061	Information Systems Engineering	4	1S	6	Yes

MEB	Master in Biomedical Engineering	EBE0192	Mobile Computing on Biomedical Engineering	4	1S	6	Yes
MEB	Master in Biomedical Engineering	EBE0185	Repair and Tissue Regeneration	4	1S	6	Yes
MEB	Master in Biomedical Engineering		EBE0193	Medical Imaging	4	2S	6
MEB	Master in Biomedical Engineering	EBE0193	Medical Imagiology	4	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0148	Modelation in Biomedical Engineering	4	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0195	Neuroengineering	4	2S	6	Yes
MEB	Integrated Master in Bioengineering	EBE0061	Biomedical Electronic Systems	4	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0194	Telemedicine and e-Health	4	2S	6	Yes
MEB	Master in Biomedical Engineering	EBE0214	Biodesign Innovation	5	1S	3	Yes
MEB	Master in Biomedical Engineering	EBE0178	Biomechanical Simulation	5	1S	6	Yes
MEB	Master in Biomedical Engineering	EBE0215	Design in Biomedical Engineering	5	1S	6	Yes
MEB	Master in Biomedical Engineering	EBE0199	Economics and Management	5	1S	3	Yes
MEB	Master in Biomedical Engineering	EBE0060	Rehabilitation Engineering	5	1S	6	Yes
MCI	Master in Information Science	MCI0002	Information Society	1	1S	6	Yes

MIETE	Master in Innovation and Technological Entrepreneurship	MIET0004	Introduction to Entrepreneurship	1	1S	6	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0017	Introduction to Accounting and Financial Management	1	1S	3	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0001	Product and Services Development Management	1	1S	6	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0018	Technology Commercialization	1	1S	3	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0006	Managing Innovation	1	2S	6	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0021	Marketing Research	1	2S	3	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0007	Project for Opportunity identification and Evaluation	1	2S	6	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0020	Quantitative Methods	1	2S	3	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0019	Startup's Strategy	1	2S	6	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0023	Business Construction Project	2	1S	6	Yes

MIETE	Master in Innovation and Technological Entrepreneurship	MIET0022	Business Law	2	1S	3	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0024	Finance and Capital Budgeting	2	1S	6	Yes
MIETE	Master in Innovation and Technological Entrepreneurship	MIET0025	Research Methods and Beginning of the Preparation of the Dissertation/Work Project/Internship	2	1S	12	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0009	Geomechanics	1	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0001	Mining Environmental Impact	1	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0002	Process Flowsheets	1	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0005	Soil Mechanics	1	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0004	Tunneling and Underground Mining	1	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0006	Geophysical Data Processing Theory	1	2S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0003	Hydrogeology	1	2S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0010	Hydromineralurgy	1	2S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0008	Integrated Mining Project	1	2S	6	Yes



MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0007	Surface Exploitation of Ore Bodies	1	2S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0021	Acquifer and Soil Rehabilitation	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0019	Applied Modelling	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0013	Economy and Management	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0015	Geochemistry	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0016	Geofluids	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0011	Instrumentation and Control	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0017	Mining Systems Management	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0014	Site Surveying and Characterization	2	1S	6	Yes
MEMG	Master in Mining and Geo-Environmental Engineering	MEMG0012	Spatial Data Analysis	2	1S	4	Yes
MM	Master in Multimedia	MM0038	Art and Multimedia Communication	1	1S	6	Yes
MM	Master in Multimedia	MM0064	Digital Games	1	1S	6	Yes
MM	Master in Multimedia	MM0055	E-Learning Contexts	1	1S	6	Yes
MM	Master in Multimedia	MM0066	Economics and Media Management	1	1S	6	Yes
MM	Master in Multimedia	MM0027	Interactive Digital Systems	1	1S	6	Yes

MM	Master in Multimedia	MM0061	Introduction to Programming	1	1S	6	Yes
MM	Master in Multimedia	MM0036	Multimedia Communication Technologies	1	1S	6	Yes
MM	Master in Multimedia	MM0040	Multimedia Education	1	1S	6	Yes
MM	Master in Multimedia	MM0054	Multimedia Laboratory	1	1S	6	Yes
MM	Master in Multimedia	MM0060	Multimedia Seminar	1	1S	6	Yes
MM	Master in Multimedia	MM0065	Sound Synthesis for Digital Media	1	1S	6	Yes
MM	Master in Multimedia	MM0047	Web Technologies	1	1S	6	Yes
MM	Master in Multimedia	MM0050	Applications and New Services	1	2S	6	Yes
MM	Master in Multimedia	MM0057	Documentary	1	2S	6	Yes
MM	Master in Multimedia	MM0048	Educational Software	1	2S	6	Yes
MM	Master in Multimedia	MM0051	Graphic Systems and 3D Animation	1	2S	6	Yes
MM	Master in Multimedia	MM0039	History and Tendencies of Multimedia	1	2S	6	Yes
MM	Master in Multimedia	MM0067	Interactive Music	1	2S	6	Yes
MM	Master in Multimedia	MM0068	Interactive Narratives	1	2S	6	Yes
MM	Master in Multimedia	MM0041	Multimedia in Performing Arts	1	2S	6	Yes
MM	Master in Multimedia	MM0053	Multimodal Interfaces	1	2S	6	Yes
MM	Master in Multimedia	MM0062	Project Management Laboratory	1	2S	6	Yes
MM	Master in Multimedia	MM0056	Research Methodologies	1	2S	6	Yes
MM	Master in Multimedia	MM0034	Sound Design for Digital Media	1	2S	6	Yes

MM	Master in Multimedia	MM0058	Dissertation	2	A	48	Yes
MDIP	Master in Product and Industrial Design	DIPSP	Product Semantic	1	1S	3	Yes
MDIP	Master in Product and Industrial Design	DIPSED	Sustainability and Eco Design	1	1S	3	Yes
MDIP	Master in Product and Industrial Design	DIPPI	Industrial Design Project	1	2S	12	Yes
MDIP	Master in Product and Industrial Design	DIPDEE	Strategic Design and Entrepreneurship	1	2S	6	Yes
MESG	Master in Services Engineering and Management	ESG0002	Business Process Modeling	1	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0008	Creativity	1	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0005	Decision Support Systems	1	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0001	Enterprise Management	1	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0017	Human-Computer Interaction	1	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0025	Multimedia and New Services	1	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0009	Dissertation - Introduction to Research Project I	1	2S	6	Yes
MESG	Master in Services Engineering and Management	ESG0028	Information Systems I	1	2S	6	Yes
MESG	Master in Services Engineering and Management	ESG0004	Organizational Behaviour	1	2S	6	Yes

MESG	Master in Services Engineering and Management	ESG0014	Requirements Engineering for Services	1	2S	6	Yes
MESG	Master in Services Engineering and Management	ESG0010	Service Operations Management and Logistics	1	2S	6	Yes
MESG	Master in Services Engineering and Management	ESG0011	Services Marketing	1	2S	6	Yes
MESG	Master in Services Engineering and Management	ESG0020	Corporate Strategy	2	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0023	Customer Relationship Management	2	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0018	Dissertation - Introduction to Research Project II	2	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0013	Information Systems Architecture	2	1S	6	Yes
MESG	Master in Services Engineering and Management	ESG0019	New Service Development and Design	2	1S	6	Yes
MMC	Master in Computational Mechanics	MMC004	Advanced Fluid Mechanics	1	1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC003	Continuum Mechanics	1	1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC002	Finite Element Method	1	1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC001	Approximation Methods in Engineering	1	1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC005	Computational Solid Mechanics	1	2S	7,5	Yes
MMC	Master in Computational Mechanics	MMC006	Computational Fluid Mechanics	1	2S	7,5	Yes

MMC	Master in Computational Mechanics	MMC007	Computational Structural Dynamics	1	2S	7,5	Yes
MMC	Master in Computational Mechanics	MMC014	CFD for Heat and Mass Transport and Chemical Reaction	1	2S	7,5	Yes
MMC	Master in Computational Mechanics	MMC009	Computational Contact Mechanics	1/2	2S/1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC008	Advanced Methods of Discretization	1/2	2S/1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC016	Computational Rheology	1/2	2S/1S	7,5	Yes
MMC	Master in Computational Mechanics	MMC013	Dissertation	2	A	45	Yes