

BACHELOR COURSES IN ENGLISH - FALL SEMESTER - Q1				
CODE	SUBJECT	ECTS	WEB - SYLLABUS	PROGRAM
2500010	GEOMATICS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500010&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500010&amp;idioma=3</a>	GEC 2020
2500011	CONSTRUCTION MATERIALS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500011&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500011&amp;idioma=3</a>	
2500012	VECTOR CALCULUS AND DIFFERENTIAL EQUATION	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500012&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500012&amp;idioma=3</a>	
2500013	MECHANICS II	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500013&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500013&amp;idioma=3</a>	
2500014	PROBABILITY AND STATISTICS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500014&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500014&amp;idioma=3</a>	
2500020	GEOTECHNICS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500020&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500020&amp;idioma=3</a>	
2500021	STRUCTURES	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500021&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500021&amp;idioma=3</a>	
2500022	TRANSPORTATION SYSTEMS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500022&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500022&amp;idioma=3</a>	
2500023	SURFACE AND GROUNDWATER HYDROLOGY I	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500023&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500023&amp;idioma=3</a>	
2500058	Project Management	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500058&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500058&amp;idioma=3</a>	
2500031	GEOTECHNICAL ENGINEERING	4,5	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500031&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500031&amp;idioma=3</a>	
2500042	ENVIRONMENTAL IMPACT ON MARITIME WORKS	4,5	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500042&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500042&amp;idioma=3</a>	
250562	ENVIRONMENTAL STATISTICS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=250562&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=250562&amp;idioma=3</a>	GCITM

GEC 2020: GRAU EN ENGINYERIA CIVIL / BACHELOR IN CIVIL ENGINEERING 2020 curricula

BACHELOR COURSES IN ENGLISH - SPRING SEMESTER - Q2				
CODE	SUBJECT	ECTS	WEB - SYLLABUS	PROGRAM
2500015	HYDRAULICS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500015&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500015&amp;idioma=3</a>	GEC 2020
2500016	STRENGTH OF MATERIALS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500016&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500016&amp;idioma=3</a>	
2500017	NUMERICAL METHODS IN ENGINEERING	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500017&amp;idioma=3">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500017&amp;idioma=3</a>	
2500018	REPRESENTATION TECHNIQUES	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500018&amp;idioma=4">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500018&amp;idioma=4</a>	
2500019	ENVIRONMENTAL TECHNOLOGY	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500019&amp;idioma=4">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500019&amp;idioma=4</a>	
2500025	REINFORCED CONCRETE	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500025&amp;idioma=4">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500025&amp;idioma=4</a>	
2500026	METALLIC CONSTRUCTIONS	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500026&amp;idioma=5">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500026&amp;idioma=5</a>	
2500027	CONSTRUCTION METHODS AND ELECTRICAL ENGINEERING	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500027&amp;idioma=5">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500027&amp;idioma=5</a>	
2500028	PUBLIC WORKS PROJECT	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500028&amp;idioma=6">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500028&amp;idioma=6</a>	
2500029	TRANSPORTATION INFRASTRUCTURES	6	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500029&amp;idioma=6">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500029&amp;idioma=6</a>	
2500036	MACHINE LEARNING AND DATA SCIENCE	4,5	<a href="https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500036&amp;idioma=6">https://ocw.camins.upc.edu/ocw/guia?codiUpcUd=2500036&amp;idioma=6</a>	

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**MASTER COURSES IN ENGLISH - FALL SEMESTER - Q1**

CODE	SUBJECT	ECTS	WEB - SYLLABUS	PROGRAM
250401	MECHANICS OF CONTINUA	9	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250401&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250401&amp;idioma=3</a>	MECCP
250402	NUMERICAL MODELLING	9	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250402&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250402&amp;idioma=3</a>	
250406	COMPUTATIONAL ENGINEERING	6	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250406&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250406&amp;idioma=3</a>	
250407	GEOMECHANICAL AND GEOTECHNICAL ENGINEERING	6	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250407&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250407&amp;idioma=3</a>	
250409	PLANNING AND MANAGEMENT OF TRANSPORTATION	6	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250409&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250409&amp;idioma=3</a>	
250430	URBAN HYDROLOGY	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250430&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250430&amp;idioma=3</a>	
250433	PORT AND OFFSHORE ENGINEERING	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250433&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250433&amp;idioma=3</a>	
250440	COMPUTATIONAL ENGINEERING FOR DESIGN AND OPERATION	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250440&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250440&amp;idioma=3</a>	
250450	URBAN MOBILITY	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250450&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250450&amp;idioma=3</a>	
250470	BUILDING STRUCTURES	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250470&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250470&amp;idioma=3</a>	
250471	BRIDGES		<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250471&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250471&amp;idioma=3</a>	
250472	ANALYSIS AND DESIGN OF STEEL STRUCTURES	5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcUd=250472&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcUd=250472&amp;idioma=3</a>	
250710	INSPECTION, ANALYSIS AND RESTORATION OF HISTORICAL CONSTRUCTIONS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250710&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250710&amp;idioma=3</a>	MEEC
250731	CONSTRUCTION METHODS AND MANAGEMENT	5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcUd=250731&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcUd=250731&amp;idioma=3</a>	
250728	FOUNDATION STRUCTURES	5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcUd=250728&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcUd=250728&amp;idioma=3</a>	
250818	CONSTITUTIVE EQUATIONS OF MATERIALS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250818&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250818&amp;idioma=3</a>	MET
250950	NUMERICAL METHODS FOR PDES	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250950&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250950&amp;idioma=3</a>	MMNE
250951	FINITE ELEMENT METHOD	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250951&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250951&amp;idioma=3</a>	
250952	CONTINUUM MECHANICS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250952&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250952&amp;idioma=3</a>	
250954	ADVANCED FLUID MECHANICS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250954&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250954&amp;idioma=3</a>	
250960	COMMUNICATION SKILLS 1	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250960&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250960&amp;idioma=3</a>	
250961	COMPUTATIONAL MECHANICS TOOLS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250961&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250961&amp;idioma=3</a>	
250964	ENTREPRENEURSHIP FOR ENGINEERS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250964&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250964&amp;idioma=3</a>	
250965	ADVANCED DISCRETIZATION METHODS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250965&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250965&amp;idioma=3</a>	
250967	COMMUNICATION SKILLS 2	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250967&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcUd=250967&amp;idioma=3</a>	
250971	REDUCED ORDER MODELLING	5		
480021	FUNDAMENTALS OF MATHEMATICAL AND SYSTEMIC SUSTAINABILITY MODELLING	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480021&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480021&amp;lang=ing</a>	MCTSOST
480073	ENERGY ECONOMICS AND SUSTAINABLE ENERGY SYSTEMS	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480073&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480073&amp;lang=ing</a>	
480075	INTELLIGENT SUSTAINABILITY DECISION SUPPORT SYSTEMS	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480075&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480075&amp;lang=ing</a>	
480152	SUSTAINABLE DESIGN OF PRODUCTS AND SERVICES	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480152&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480152&amp;lang=ing</a>	
480171	COMPLEX AND SOCIO-ENVIRONMENTAL NETWORKS	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480171&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480171&amp;lang=ing</a>	
480602	CONSTRUCTION AND BUILDING CONSTRUCTION ENGINEERING AND TECHNOLOGIES	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480602&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480602&amp;lang=ing</a>	
250911	Debris Flow Risk and Resilience Assessment	5	<a href="https://www.floodriskmaster.org/courses">https://www.floodriskmaster.org/courses</a>	

250912	Coastal flooding: impacts, conflicts and risks	4	<a href="https://www.floodriskmaster.org/courses">https://www.floodriskmaster.org/courses</a>	MSFRM
250913	Droughts Risk and Resilience assesment	3	<a href="https://www.floodriskmaster.org/courses">https://www.floodriskmaster.org/courses</a>	
250910	Fluvial Morphodynamics	5	<a href="https://www.floodriskmaster.org/courses">https://www.floodriskmaster.org/courses</a>	
250914	Flood early warning systems using hydrometeorological forecasting	3	<a href="https://www.floodriskmaster.org/courses">https://www.floodriskmaster.org/courses</a>	
250MUM003	PRODUCT OR SERVICE DEVELOPMENT PROJECT	4	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM003">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM003</a>	MUM
250MUM006	CASE STUDIES IN URBAN MOBILITY	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM006">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM006</a>	
250MUM010	Introduction to Supply Chain	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM010">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM010</a>	
250MUM011	Mobility modeling	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM011">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM011</a>	
250MUM012	Operation & management of transport systems	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM012">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM012</a>	
250MUM013	Data analysis in transport systems	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM013">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM013</a>	
250MUM014	Decision making & economy in urban mobility	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM014">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM014</a>	
250MUM021	Mobility & development	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM021">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM021</a>	
250MUM022	Merchandise transports	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM022">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM022</a>	
250MUM023	Traffic	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM023">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM023</a>	
250MUM024	Airport management	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM024">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM024</a>	
250MUM025	Vehicle routing models	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM025">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM025</a>	
250MUM026	Smart mobility (SMART)	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM026">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM026</a>	
250MUM028	Innovation and entrepreneurship for World Challenges	5	<a href="https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM028">https://www.upc.edu/content/master/guiadocent/pdf/eng/250MUM028</a>	

**MECCP:** MASTER EN ENGINYERIA DE CAMINS, CANALS I PORTS / MASTER IN CIVIL ENGINEERING (CHARTERED)

**MMNE:** MASTER EN METODES NUMERIC EN ENGINYERIA / MASTER IN NUMERICAL METHODS IN ENGINEERING

**MET:** MASTER EN ENGINYERIA DEL TERRENY / MASTER IN GEOTECHNICAL ENGINEERING

**MEEC:** MASTER ENGINYERIA ESTRUCTURAL I DE LA CONSTRUCCIÓ / MASTER IN STRUCTURAL AND CONSTRUCTION ENGINEERING

**EUROAQAE:** HYDROINFORMATICS AND WATER MANAGEMENT

**MSCM:** COMPUTATIONAL MECHANICS

**COMEM:** COASTAL AND MARINE ENGINEERING AND MANAGEMENT

**MCTS:** SUSTAINABILITY SCIENCE & TECHNOLOGY

**MEA:** MASTER'S DEGREE IN ENVIRONMENTAL ENGINEERING

**MSFRM:** MASTER SCIENCE ON FLOOD RISK MANAGEMENT

**MUM:** MASTER IN URBAN MOBILITY

**MASTER COURSES IN ENGLISH - SPRING SEMESTER - Q2**

CODE	SUBJECT	ECTS	WEB - SYLLABUS	PROGRAM
250406	COMPUTATIONAL ENGINEERING	6	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250406&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250406&amp;idioma=3</a>	MECCP
250407	GEOMECHANICAL AND GEOTECHNICAL ENGINEERING	6	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250407&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250407&amp;idioma=3</a>	
250409	PLANNING AND MANAGEMENT OF TRANSPORTATION	6	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250409&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250409&amp;idioma=3</a>	
250422	INTERACTION BETWEEN GROUNDWATER AND CIVIL WORKS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250422&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250422&amp;idioma=3</a>	
250439	NUMERICAL MODELS IN CIVIL AND STRUCTURAL ENGINEERING	5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcId=250439&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcId=250439&amp;idioma=3</a>	
250443	MACHINE LEARNING AND MODELS FOR DECISION MAKING	5	<a href="https://portal.camins.upc.edu/public/guia?codiUpcId=250443&amp;curso=2018&amp;ididioma=3">https://portal.camins.upc.edu/public/guia?codiUpcId=250443&amp;curso=2018&amp;ididioma=3</a>	
250470	BUILDING STRUCTURES	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250470&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250470&amp;idioma=3</a>	
250473	ADVANCED DESIGN OF CONCRETE STRUCTURES	5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcId=250473&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcId=250473&amp;idioma=3</a>	
250706	STRUCTURAL ANALYSIS SEMINARS	2.5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250706&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250706&amp;idioma=3</a>	MEEC
250727	PERFORMANCE BASED SEISMIC DESIGN AND ASSESSMENT OF STRUCTURES	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250727&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250727&amp;idioma=3</a>	
250714	STRUCTURAL TECHNOLOGY SEMINARS	2,5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcId=250714&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcId=250714&amp;idioma=3</a>	
250725	STRUCTURAL ENGINEERING	6	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcId=250725&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcId=250725&amp;idioma=3</a>	
250730	STRUCTURAL OPTIMIZATION	5	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcId=250730&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcId=250730&amp;idioma=3</a>	
250700	FUNDAMENTALS OF STRUCTURAL DESIGN	6	<a href="https://portal.camins.upc.edu/ocw/guia?codiUpcId=250700&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia?codiUpcId=250700&amp;idioma=3</a>	
250955	PROGRAMMING FOR ENGINEERS AND SCIENTISTS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250955&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250955&amp;idioma=3</a>	MMNE
250956	COMPUTATIONAL SOLID MECHANICS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250956&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250956&amp;idioma=3</a>	
250957	FINITE ELEMENTS IN FLUIDS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250957&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250957&amp;idioma=3</a>	
250958	COMPUTATIONAL STRUCTURAL MECHANICS AND DYNAMICS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250958&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250958&amp;idioma=3</a>	
250963	COUPLED PROBLEMS	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250963&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250963&amp;idioma=3</a>	
250970	DOMAIN DESCOMPOSITION AND LARGE SCALE SCIENTIFIC COMPUTING	5	<a href="https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250970&amp;idioma=3">https://portal.camins.upc.edu/ocw/guia.htm?codiUpcId=250970&amp;idioma=3</a>	
480042	RESEARCH-ACTION WORKSHOP ON SUSTAINABILITY SCIENCE AND TECHNOLOGIES	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480042&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480042&amp;lang=ing</a>	MSOST
480071	BIODIVERSITY AND SOCIO-ECOLOGICAL SYSTEMS	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480071&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480071&amp;lang=ing</a>	
480081	URBAN METABOLISM AND ECOLOGICAL URBANISM	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480081&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480081&amp;lang=ing</a>	
480093	SOCIO-ENVIRONMENTAL DATA SCIENCE	5	<a href="http://www.upc.edu/estudispdf/guia_docent.php?codi=480093&amp;lang=ing">http://www.upc.edu/estudispdf/guia_docent.php?codi=480093&amp;lang=ing</a>	
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250MUM002	PROJECT BASED ON AN INNOVATION CHALLENGE	10	<a href="https://www.upc.edu/content/master/guidadocent/pdf/eng/250MUM002">https://www.upc.edu/content/master/guidadocent/pdf/eng/250MUM002</a>	
250MUM007	DATA MANAGEMENT FOR TRANSPORTATION	5	<a href="https://www.upc.edu/content/master/guidadocent/pdf/eng/250MUM007">https://www.upc.edu/content/master/guidadocent/pdf/eng/250MUM007</a>	
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250MUM016	Public transport	5	<a href="https://www.upc.edu/content/master/guidadocent/pdf/eng/250MUM016">https://www.upc.edu/content/master/guidadocent/pdf/eng/250MUM016</a>	
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**MECCP:** MASTER EN ENGINERIA DE CAMINS, CANALS I PORTS / MASTER IN CIVIL ENGINEERING (CHARTERED)

**MMNE:** MASTER EN METODES NUMERICIS EN ENGINERIA / MASTER IN NUMERICAL METHODS IN ENGINEERING

**MET:** MASTER EN ENGINERIA DEL TERRENY / MASTER IN GEOTECHNICAL ENGINEERING

**MEEC:** M ENGINERIA ESTRUCTURAL I DE LA CONSTRUCCIÓ / MASTER IN STRUCTURAL AND CONSTRUCTION ENGINEERING

**EUROAQUAE:** HYDROINFORMATICS AND WATER MANAGEMENT

**MSCM:** COMPUTATIONAL MECHANICS

**MCTS:** SUSTAINABILITY SCIENCE & TECHNOLOGY

**MEA:** MASTER'S DEGREE IN ENVIRONMENTAL ENGINEERING

**MSFRM:** MASTER SCIENCE ON FLOOD RISK MANAGEMENT

**MUM:** MASTER IN URBAN MOBILITY

**COMEM:** COASTAL AND MARINE ENGINEERING AND MANAGEMENT