











UNIVERSIDAD DE BURGOS

JOINT DEGREE IN CIVIL ENGINEERING AND TECHNICAL ARCHITECTURE



1st Year

Code	Course	Credits ECTS	Semester
7923	Calculus	6	Fall
 7924	Physics	6	Fall
 7925	Applied Geology	6	Fall
 7926	Computing in Civil Engineering	6	Fall
7927	Building Physics and Technology	6	Fall
7928	Descriptive Geometry with 3D CAD	6	Fall
7929	Applied Mechanics	6	Spring
7930	Materials Oriented Chemistry	3	Spring
 7931	Materials Oriented Physics	3	Spring
7932	Applied Mathematics II	3	Spring
7933	Materials I	6	Spring
7934	Construction II	6	Spring
7935	Architectural Drawing I	6	Spring
7936	Statistics	3	Spring

2nd Year


Code	Course	Credits ECTS	Semester
7937	Theory of Structures	6	Fall
 7938	Hydraulics	6	Fall
7939	Calculus II	6	Fall
7940	Installations I	3	Fall
7941	Legal Aspects of Building	6	Fall
7942	Economics and Business	6	Fall
7943	Architectural Drawing II	3	Fall
 7944	Topography	6	Spring
 7945	Computer-aided Structural Design	6	Spring
 7946	Hydrology	3	Spring
7947	Electrotechnics	3	Spring
7948	Installations II	6	Spring
7949	Construction IV	6	Spring
7950	Architectural Drawing III	6	Spring

3rd Year






Code	Course	Credits ECTS	Semester
 7951	Geotechnics	6	Fall
 7952	Transports	3	Fall
7953	Materials II	6	Fall
7954	Construction V	6	Fall
7955	Structures Analysis and Reinforced Concrete Fundamentals	6	Fall
7956	Quantity Surveying I	6	Fall
7957	Construction Equipment and Auxiliary Means	3	Fall
7958	Installations III	3	Fall
7959	Structural Steel Design	6	Spring











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 7960	Project and Construction Management	6	Spring
7996	GIS and Computer Applications in Topography and Cartography	3	Spring
7961	Technology of Building Structures	6	Spring
7962	Technical Projects I	6	Spring
7963	Quantity Surveying II	3	Spring
7964	Techniques for Workplace Accident Prevention	3	Spring
7965	Energetic Efficiency	3	Spring

4th Year

Code	Course	Credits ECTS	Semester
 7966	Reinforced Concrete I	6	Fall
7967	Road Engineering	6	Fall
 7968	Applied Hydraulics	6	Fall
7969	Building	6	Fall
7970	Technical Projects II	6	Fall
7971	Surveys and Valuations	6	Fall
 7972	Pavement Design	3	Spring
 7973	Sustainable Construction	3	Spring
7974	Total Quality, Safety and Environmental Management	6	Spring
 7975	Constructions Procedures	6	Spring
7976	Procedures and Construction Machinery	6	Spring
7977	Industrialized Construction	3	Spring

5th Year



Code	Course	Credits ECTS	Semester
 7982	Fundamentals of Urbanism and Territory	3	Fall
 7983	Civil Engineering Projects	6	Fall
 7984	Railways and Cableway Engineering	6	Fall
 7985	Reinforced Concrete II	3	Fall
 7986	Safety Concepts in Construction Processes	6	Fall
7987	Design of Water and Wastewater Systems	6	Fall
 7988	Coastal Engineering and Constructions	3	Fall
7989	Pathology and Rehabilitation	6	Fall
7990	Environmental Engineering	3	Spring
 7991	Bridge and Singular Structure Construction	3	Spring
7992	Fundamentals of Urban Services	3	Spring
 7993	Geotechnical Engineering	3	Spring
7994	Final Degree Project (Degree in Civil Engineering)	12	Spring
7995	Final Degree Project (Degree in Technical Architecture)	12	Spring

ELECTIVE COURSES

Code	Course	Credits ECTS	Semester
7978	Building Inspection & Maintenance		
7979	Renewable Energies for Building: Fundamentals & Installations		
7980	New Materials in Construction		
7981	Computerized Graphic Representation Techniques		
7997	External Work Placement		



IMPORTANT INFORMATION

 English Friendly Courses.
 English taught course
<ul style="list-style-type: none">• Fall Semester = 1^o Semester• Spring Semester= 2^o Semester
Elective courses require a minimum of students and could change the semester
Final Degree Dissertation and Internships may need special requirements