



Courses in English for Erasmus+ exchange students

2024/ 2025



UNIVERSITY OF ŽILINA
Faculty of Civil
Engineering

Erasmus ID Code
SK ZILINA01

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<https://svf.uniza.sk/index.php/en/>



Bc. Degree

Winter Semester

Course content	Course Title	Study programme	ECTS	Department	Language
4BIA101	Mathematics 1	Civil Engineering Structures	7	DoSM	English
4BIA102	Building Materials	Civil Engineering Structures	5	DoSB	English
4BIA103	Geology a Geomorphology	Civil Engineering Structures	5	DoGtc	English
4BIA104	Descriptive Geometry	Civil Engineering Structures	4	DoSM	English
4BIA105	Urban Planning 1	Civil Engineering Structures	4	DoBEUP	English
4BIA106	Mathematical Seminar 1	Civil Engineering Structures	2	DoSM	English
4BIA302	Principle of Design of Structures	Civil Engineering Structures	4	DoSB	English
4BIA303	Strength and Elasticity 1 *basic knowledge of static principles is required 4BIA204	Civil Engineering Structures	6	DoSM	English
4BIA304	Soil Mechanics	Civil Engineering Structures	6	DoGtc	English
4BIA305	Foreign Language 1	Civil Engineering Structures	2	IoLL	English
4BIA307	Chapters of Building Structures 1	Civil Engineering Structures	5	DoBEUP	English
4BIA306	Engineering Networks	Civil Engineering Structures	3	DoBEUP	English
4BIA501	Road Engineering 1	Civil Engineering Structures	5	DoHE	English
4BIA502	Transport Engineering 1	Civil Engineering Structures	5	DoHE	English
4BIA503	Railway Engineering 1	Civil Engineering Structures	5	DoRE	English
4BIA504	Engineering Geology 1	Civil Engineering Structures	5	DoGtc	English
4BIA509	Economy in Building Industry 1	Civil Engineering Structures	5	DoCM	English
4BIA505	Geodesy 2	Civil Engineering Structures	5	DoGds	English
4BIA506	Timber Structures 1 *basic knowledge of static principles is required 4BIA204	Civil Engineering Structures	5	DoSB	English
4BIA507	Masonry Structures 1 *basic knowledge of static principle is required 4BIA204	Civil Engineering Structures	5	DoSB	English

Summer Semester

Code	Course Title	Study programme	ECTS	Department	Language
4BIA201	Physics	Civil Engineering Structures	5	DPH	English
4BIA202	Mathematics 2	Civil Engineering Structures	7	DoSM	English
4BIA203	Hydromechanics and Hydrology	Civil Engineering Structures	5	DoGtc	English
4BIA204	Statics of Structures 1	Civil Engineering Structures	7	DoSM	English
4BIA205	Physical Seminar	Civil Engineering Structures	2	DPH	English
4BIA206	Urban Planning 2	Civil Engineering Structures	4	DoBEUP	English
4BIA207	Mathematical Seminar 2	Civil Engineering Structures	2	DoSM	English
4BIA401	Foundation of Structures 1	Civil Engineering Structures	5	DoGtc	English
4BIA402	Foreign Language 2	Civil Engineering Structures	3	IoLL	English
4BIA403	Geodesy 1	Civil Engineering Structures	5	DoGds	English
4BIA406	Concrete Structures 1 *basic knowledge of static principles is required 4BIA204	Civil Engineering Structures	5	DoSB	English
4BIA407	Steel Structures 1	Civil Engineering Structures	5	DoSB	English
4BIA408	Hydrotechnical Structures	Civil Engineering Structures	5	DoGtc	English
4BIA409	CAD 1	Civil Engineering Structures	2	DoRE	English
4BIA410	Environment Protection and Safety and Protection at Work	Civil Engineering Structures	2	DoHE	English
4BIA411	Computer Programming 1	Civil Engineering Structures	3	DoGtc	English
4BIA604	Construction Preparation and Management	Civil Engineering Structures	5	DoCM	English
4BIA605	Bridges	Civil Engineering Structures	5	DoSB	English
4BIA609	Construction of Technologies 1 - Building Engines and Mechanization	Civil Engineering Structures	5	DoCM	English
4BIA606	Road Engineering 2	Civil Engineering Structures	5	DoHE	English

* for more information about the course content, click on the code

MSc. Degree

Winter Semester

Code	Course Title	Study programme	ECTS	Department	Language
4IIA101	Applied Mathematics	Civil Engineering Structures	5	DoSM	English
4IIA105	Foundation of Structures 2	Civil Engineering Structures	5	DoGtc	English
4IIA182	Strength and Elasticity 2	Civil Engineering Structures	5	DoSM	English
4IIA102	Concrete Structures 2 *basic knowledge of concrete design structures is required	Civil Engineering Structures	5	DoSB	English
4IIA103	Steel Structures 2 *basic knowledge of steel design structures is required	Civil Engineering Structures	5	DoSB	English
4IIA104	Building Structures Information System (BSIS)	Civil Engineering Structures	5	DoCM	English
4IIA107	Transportation Engineering 2	Civil Engineering Structures	5	DoHE	English
4IIA108	Designing, Construction and Reconstruction of Railways	Civil Engineering Structures	5	DoRE	English
4IIA109	Railway Transport Technology	Civil Engineering Structures	5	DoRE	English
4IIA116	Mechanics of Pavements	Civil Engineering Structures	5	DoHE	English
4IIA186	Finite Methods of Mechanics	Civil Engineering Structures	5	DoSM	English
4IIA187	Engineering Geology 2	Civil Engineering Structures	5	DoGtc	English
4IIA303	EIA - Environmental Impact Assessment	Civil Engineering Structures	4	DoHE	English
4IIA304	Quality Management	Civil Engineering Structures	5	DoCM	English
4IIA305	Semestral Project of Engineering Structures and Transport Constructions 2	Civil Engineering Structures	2	DoHE	English
4IIA307	Reconstruction and Maintenance of Transport Structures	Civil Engineering Structures	5	DoCM	English
4IIA301	Transport Construction Management System	Civil Engineering Structures	5	DoCM	English
4IIA302	Management of Experiments	Civil Engineering Structures	4	DoCM	English
4IIA308	Airports	Civil Engineering Structures	5	DoCM	English
4IIA309	Urban Engineering	Civil Engineering Structures	5	DoHE	English
4IIA312	Underground Constructions 2	Civil Engineering Structures	5	DoGtc	English
4IIA313	Steel Bridges 2 *basic knowledge of steel design structures is required	Civil Engineering Structures	5	DoSB	English
4IIA314	Concrete Bridges 2 *basic knowledge of concrete design structures is required	Civil Engineering Structures	5	DoSB	English
4IIA317	Semestral project of Geographical Information Systems	Civil Engineering Structures	2	DoGds	English
4IIA386	Steel and Concrete Composite Structures *basic knowledge of design of concrete structures is required	Civil Engineering Structures	5	DoSB	English
4IIA311	Foreign Language B	Civil Engineering Structures	3	IoLL	English

Summer Semester

Code	Course Title	Study programme	ECTS	Department	Language
4IIA204	Concrete Bridges 1	Civil Engineering Structures	5	DoSB	English
4IIA205	Steel Bridges 1	Civil Engineering Structures	5	DoSB	English
4IIA206	Underground Constructions 1	Civil Engineering Structures	5	DoGtc	English
4IIA210	Semestral Project of Engineering Structures and Transport Constructions 1	Civil Engineering Structures	2	DoHE	English
4IIA203	Geographical Information Systems	Civil Engineering Structures	5	DoGtc	English
4IIA207	Engineering Geodesy	Civil Engineering Structures	5	DoGds	English
4IIA208	Planning and Modeling of Traffic Infrastructure	Civil Engineering Structures	5	DoHE	English
4IIA211	Semestral Project of Urban Roads 1	Civil Engineering Structures	2	DoHE	English
4IIA212	Urban Roads 1	Civil Engineering Structures	4	DoHE	English
4IIA214	Theory of Modelling	Civil Engineering Structures	5	DoHE	English
4IIA215	Diagnostics of Road Constructions	Civil Engineering Structures	4	DoHE	English
4IIA284	Stability and Plasticity of Structures	Civil Engineering Structures	5	DoSM	English
4IIA287	Reliability of Structures	Civil Engineering Structures	3	DoSB	English

4IIA481	Experimental Analysis	Civil Engineering Structures	4	DoSM	English
4IIA213	Foreign Language A	Civil Engineering Structures	3	IoLL	English
4IIA403	Management of Investment Projects	Civil Engineering Structures	5	DoCM	English
4IIA408	Economy of Civil Engineering	Civil Engineering Structures	5	DoCM	English
4IIA404	Combined Transport	Civil Engineering Structures	3	DoRE	English
4IIA405	Personal Management	Civil Engineering Structures	4	DoCM	English
4IIA406	Intelligent Transport Systems	Civil Engineering Structures	5	DoHE	English
8SJZŠ	Slovak course		2		Slovak

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