



# Courses in English for Erasmus+ exchange students

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UNIVERSITY OF ŽILINA  
Faculty of Civil  
Engineering

**Erasmus ID Code**  
SK ZILINA01

**PIC CODE**  
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**OID**  
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## **Faculty website**

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



## Bc. Degree

### Winter Semester

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

### Summer Semester

Code	Course Title	Study programme	ECTS	Department	Language
<a href="#">4BIA201</a>	Physics	Civil Engineering Structures	5	DPH	English
<a href="#">4BIA202</a>	Mathematics 2	Civil Engineering Structures	7	DoSM	English
<a href="#">4BIA203</a>	Hydromechanics and Hydrology	Civil Engineering Structures	5	DoGtc	English
<a href="#">4BIA204</a>	Statics of Structures 1	Civil Engineering Structures	7	DoSM	English
<a href="#">4BIA205</a>	Physical Seminar	Civil Engineering Structures	2	DPH	English
<a href="#">4BIA206</a>	Urban Planning 2	Civil Engineering Structures	4	DoBEUP	English
<a href="#">4BIA207</a>	Mathematical Seminar 2	Civil Engineering Structures	2	DoSM	English
<a href="#">4BIA401</a>	Foundation of Structures 1	Civil Engineering Structures	5	DoGtc	English
<a href="#">4BIA402</a>	Foreign Language 2	Civil Engineering Structures	3	IoLL	English
<a href="#">4BIA403</a>	Geodesy 1	Civil Engineering Structures	5	DoGds	English
<a href="#">4BIA406</a>	Concrete Structures 1 *basic knowledge of static principles is required <a href="#">4BIA204</a>	Civil Engineering Structures	5	DoSB	English
<a href="#">4BIA407</a>	Steel Structures 1	Civil Engineering Structures	5	DoSB	English
<a href="#">4BIA408</a>	Hydrotechnical Structures	Civil Engineering Structures	5	DoGtc	English
<a href="#">4BIA409</a>	CAD 1	Civil Engineering Structures	2	DoRE	English
<a href="#">4BIA410</a>	Environment Protection and Safety and Protection at Work	Civil Engineering Structures	2	DoHE	English
<a href="#">4BIA411</a>	Computer Programming 1	Civil Engineering Structures	3	DoGtc	English
<a href="#">4BIA604</a>	Construction Preparation and Management	Civil Engineering Structures	5	DoCM	English
<a href="#">4BIA605</a>	Bridges	Civil Engineering Structures	5	DoSB	English
<a href="#">4BIA609</a>	Construction of Technologies 1 - Building Engines and Mechanization	Civil Engineering Structures	5	DoCM	English
<a href="#">4BIA606</a>	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
<a href="#">4IIA101</a>	Applied Mathematics	Civil Engineering Structures	5	DoSM	English
<a href="#">4IIA105</a>	Foundation of Structures 2	Civil Engineering Structures	5	DoGtc	English
<a href="#">4IIA182</a>	Strength and Elasticity 2	Civil Engineering Structures	5	DoSM	English
<a href="#">4IIA102</a>	Concrete Structures 2 *basic knowledge of concrete design structures is required	Civil Engineering Structures	5	DoSB	English
<a href="#">4IIA103</a>	Steel Structures 2 *basic knowledge of steel design structures is required	Civil Engineering Structures	5	DoSB	English
<a href="#">4IIA104</a>	Building Structures Information System (BSIS)	Civil Engineering Structures	5	DoCM	English
<a href="#">4IIA107</a>	Transportation Engineering 2	Civil Engineering Structures	5	DoHE	English
<a href="#">4IIA108</a>	Designing, Construction and Reconstruction of Railways	Civil Engineering Structures	5	DoRE	English
<a href="#">4IIA109</a>	Railway Transport Technology	Civil Engineering Structures	5	DoRE	English
<a href="#">4IIA116</a>	Mechanics of Pavements	Civil Engineering Structures	5	DoHE	English
<a href="#">4IIA186</a>	Finite Methods of Mechanics	Civil Engineering Structures	5	DoSM	English
<a href="#">4IIA187</a>	Engineering Geology 2	Civil Engineering Structures	5	DoGtc	English
<a href="#">4IIA303</a>	EIA - Environmental Impact Assessment	Civil Engineering Structures	4	DoHE	English
<a href="#">4IIA304</a>	Quality Management	Civil Engineering Structures	5	DoCM	English
<a href="#">4IIA305</a>	Semestral Project of Engineering Structures and Transport Constructions 2	Civil Engineering Structures	2	DoHE	English
<a href="#">4IIA307</a>	Reconstruction and Maintenance of Transport Structures	Civil Engineering Structures	5	DoCM	English
<a href="#">4IIA301</a>	Transport Construction Management System	Civil Engineering Structures	5	DoCM	English
<a href="#">4IIA302</a>	Management of Experiments	Civil Engineering Structures	4	DoCM	English
<a href="#">4IIA308</a>	Airports	Civil Engineering Structures	5	DoCM	English
<a href="#">4IIA309</a>	Urban Engineering	Civil Engineering Structures	5	DoHE	English
<a href="#">4IIA312</a>	Underground Constructions 2	Civil Engineering Structures	5	DoGtc	English
<a href="#">4IIA313</a>	Steel Bridges 2 *basic knowledge of steel design structures is required	Civil Engineering Structures	5	DoSB	English
<a href="#">4IIA314</a>	Concrete Bridges 2 *basic knowledge of concrete design structures is required	Civil Engineering Structures	5	DoSB	English
<a href="#">4IIA317</a>	Semestral project of Geographical Information Systems	Civil Engineering Structures	2	DoGds	English
<a href="#">4IIA386</a>	Steel and Concrete Composite Structures *basic knowledge of design of concrete structures is required	Civil Engineering Structures	5	DoSB	English
<a href="#">4IIA311</a>	Foreign Language B	Civil Engineering Structures	3	IoLL	English

### Summer Semester

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

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

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