



### RTU Course "Geodesy for Architects"

24102 null

#### General data

Code	BGE170
Course title	Geodesy for Architects
Course status in the programme	Compulsory/Courses of Limited Choice
Course level	Undergraduate Studies
Course type	Academic
Field of study	Geodesy and Cartography, Geomatics
Responsible instructor	Jānis Klīve
Volume of the course: parts and credits points	1 part, 2.0 Credit Points, 3.0 ECTS credits
Language of instruction	LV
Annotation	The course "Geodesy for architects" is based on the science of the Earth's size, shape parameters, Earth-related coordinate system formation, Earth cartographic imaging in small and large scales. Geodesy covers a wide range of practical applications – planning, designing, construction works, photogrammetry, etc. science industries. Practical side of Surveying includes technical and high-precision measurements, analytical processing of data and analysis of results.
Recommended literature	Ģeodēzija. LGIA, 2007, 262 lpp. Mūsdienu Latvijas topogrāfiskās kartes. LR VZD, 2001, 203 lpp. Fotogrammetrija. LR VZD, 2003, 273 lpp. Geodesy. Wolfgang Torge, 1991, 263 lpp.
Course prerequisites	

#### Course outline

Theme	Hours
	1
	3
	1
	1
	1
	4
	1
	1
	1
	1
	1
	1
	1
	16

#### Learning outcomes and assessment

Learning outcomes	Assessment methods

#### Study subject structure

Part	CP	Hours per Week			Tests		
		Lectures	Practical	Lab.	Test	Exam	Work
1.	2.0	1.0	0.0	1.0			*