

Agricultural University of Georgia

Curriculum - Bachelor 's in Construction Engineering

University General Education	50
English Language	7
Mathematical Way of Thinking	5
World Hystory and Georgia	3
Georgian Language and Georgians	2
Basics of Economics	4
Natural Sciences	4
Anthropology	4
Logic	4
Philosophy	4
Phycology	4
Modern Political Ideologies	4
Literature and Art	5

Engineering General Education	43
Mathematics I, II, III	17
Physics I	5
Physics (Theoretical Course) II, III	8
Physics (Laboratory Course) II, III	2
General Chemistry (Theoretical Course)	4
General Chemistry (Laboratory Course)	3
Basics of Engineering	4

Main Education in Construction Engineering	130
Engineering Graphics I, II, III	13
Technical Modeling (LIRA)	4
Technical Mechanics I, II	10
Strength of Materials (theory course) I, II	8
Strength of Materials (laboratory course) I, II	2
Hydraulics	5
Soil Mechanics and Foundation I, II	8
Construction Materials and Products	5
Construction Mechanics and Seismic Stability I, II	10
Metal, Wooden and Plastic Structures I, II	10
Stone and Concrete Structures I, II	10
Construction Machinery	4
Building Architecture	5
Building Testing and Monitoring	4
Labor Safety	3
Construction Technology and Process Management	5
Water Supply and Discharge	4
Engineering Geodesy	3
Heating and Ventilation	4
Geodesical Survey	2
Foundation Design Project	3
Metal Structure Design Project	4
Concrete Structure Design Project	4

Practical Education	8
Field Practice	3
Internship	5

Elective Subjects	9
Any subject from other programme	

	ECTS
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General Education in Construction Engineering	43
Practical Education	8
Main Education in Construction Engineering	130
Electives	9
	240