

Curriculum - Bachelor s in Mechanical 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 Mechanical Engineering	129
Engineering Graphics I, II, III	12
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
Measurements and Instruments	5
Materials Science	5
Automated Control Systems	4
Hydraulic Machines	5
Mechatronics	4
Thermodynamics	5
Fundametals of Heat Transition	5
Internal Combustion Engine	5
Digital Control I	5
Machine Parts	5
Theory of Mechanisms and Machines I, II	9
Production Processes	5
Theory of Automobiles	5
Electromechanics	4
Electrical Circuits	4
Sophomore Project	3
Junior Project	5
Senior Project	5

Practical Education	8
Field Practice	3
Internship	5

Elective Subjects	10
Any Subjects from Other Programmes	10

	ECTS
University General Education	50
General Education in Mechanical Engineering	43
Practical Education	8
Main Education in Mechanical Engineering	129
Electives	10
	240