

Institution
 Faculty, Department
 Title of Study Program, State code
 Mode of study and duration (in years)
 For entrants from
 Coordinator of Study Programme

Alytaus kolegija
 Health Sciences and Engineering Faculty,
Department of Engineering
 Building Engineering Systems,6531EX002
 180, full-time (3)
 2021
 Lecturer of Department of Engineering Sigita Alavočienė,
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FULL-TIME STUDY PLAN

SUBJECTS	CREDITS
COURSE I	60
SEMESTER 1	30
General Subjects of College Studies	
Foreign Language	6
Compulsory subjects	
Applied Mathematics	6
Physics	6
Information Technologies	6
Engineering Graphics	6
SEMESTER 2	30
Compulsory subjects	
Computer Engineering Design*	6
Engineering Mechanics	6
Electrical Engineering and Electronics	6
Hydraulics and Aerodynamics	6
Geodesy	6
COURSE II	60
SEMESTER 3	30
General Subjects of College Studies	
Applied Research	3
Environmental and Human Safety	3
Corporate Economy	6
Compulsory subjects	
Building law	3
Structures and materials*	6
Gas supply systems	3
Heating, Ventilation and air Conditioning Systems	6
SEMESTER 4	30
General Subjects of College Studies	
Business Philosophy / Business Communication	3
Compulsory subjects	
Energy Efficient Buildings	6
Technology and Organization of Building	6
Design of Heating Systems*	6
Water Systems	3
Practical Training	
Practice on Drawing up Estimates (training)	3
Alternative/Optional subjects**	
	3

COURSE III	60
SEMESTER 5	30
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Compulsory subjects	
Fundamentals of Business Planning*	3
Designing Ventilation and Air Conditioning Systems*	6
Design of Water Supply and Sewage systems*	6
Management of Engineering Systems	3
Practical Training	
Professional Practice I	6
Practice on Maintenance of Engineering Systems (training)	3
Alternative/Optional subjects**	3
SEMESTER 6	30
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Practical Training	
Professional Practice II	6
Final Practical Training	12
Graduation Thesis	12

* – Course project in writing

** – List of **alternative/optional subjects** on www.alytauskoelgija.lt