SPECIALIZATION IN

- Structures
- Virtual Design and Construction
- Project Collaboration Management
- Transportation and Geotechnics
- Risk Management in Construction Projects

In order to graduate from the Civil Engineering Undergraduate Program, students must prove that they have completed the intermediate level of English, French, German, Italian or Portuguese by submitting a language proficiency certificate issued by any of the institutes recognized by Universidad de Lima.

ulima.pe udelima ulimaoficial ulimaoficial ulimaplay

CIVIL ENGINEERING

Faculty of Engineering

The Civil Engineering Undergraduate Program of Universidad de Lima promotes the construction industry. It offers students a solid technical training in design and construction. Likewise, they will learn to lead work teams, manage processes and costs, and develop eco-friendly projects by providing creative and innovative responses to the global construction sector.

UNIVERSIDAD DE LIMA

CIVIL ENGINEERING

Faculty of Engineering

LEVEL I	LEVEL II	LEVEL III	LEVEL IV	LEVEL V	LEVEL VI	LEVEL VII	LEVEL VIII	LEVEL IX	LEVEL X
Basic Mathematics 5	Calculus I 5	Calculus II 4	Differential Equations 4	Computer Programming 3	Dynamics 4	Fluid Mechanics 4	Hydraulics 4	Hydrology 4	Hydraulic and Water Resources Engineering 3
Personal and Social Development 3	Linear Algebra 3	Applied Chemistry 4	Concrete Technology 3	Statics 4	Construction Project Management I 3	Construction Project Management II 3	Operation and Maintenance Project Management 3	Research Seminar I 4	Research Seminar II 4
Globalization and Contemporary Peruvian Issues 3	Economics and Business 3	Geology 4	Applied Physics 4	Construction Technology I 3	Construction Technology II 3	Numerical Methods 3	Structural Analysis I 4	Strategic Contract Management 3	Metal and Wooden Structures 3
Language and Communication I 5	Language and Communication II 3	Graphic Engineering 3	Building Information Modeling I 4	Building Information Modeling II 4	Mechanics of Materials I 4	Mechanics of Materials II 4	Transportation Engineering II 3	Earthquake Engineering 4	Sustainable Infrastructures 3
Research Methodologies 3	Philosophy Topics 3	Applied Statistics and Probability 3	Surveying 3	Environmental Engineering 3	Sanitary Engineering 3	Transportation Engineering I 3	Reinforced Concrete I 4	Reinforced Concrete II 3	Real Estate Management and Development 3
Civic Ethics 1	Social and Political Processes 3	Physics I 4	Business Organization 3	Soil Mechanics I 4	Soil Mechanics II 4	Electromechanical Engineering 3	Lean Philosophy 3	Virtual Design and Construction II 3	Bridges 3
			Creativity and Innovation Workshop 2	Materials Technology 2		Leadership and Ethics 2	Management Skills Workshop 3	Structural Analysis II 3	Tunnels 3
				Geomatics 3			Quality Management 3	Management of Occupational Health and Safety 3	Strategic Management 3
							Virtual Design and Construction I 3	Prestressed Concrete 3	Disaster Risk Management 3
							Water Supply and Sanitation 3	Pavements 3	Project Risk Management 3
							Geotechnics for Transportation Infrastructure 3	Economic Engineering 2	
Mandatory credits 20	Mandatory credits 20	Mandatory credits 22	Mandatory credits 21	Mandatory credits 21	Mandatory credits 21	Mandatory credits 22	Mandatory credits 18	Mandatory credits 15	Mandatory credits 10

Mandatory subjects of the General Studies Program

Mandatory subjects of the Civil Engineering Undergraduate Program

Elective subjects of the Civil Engineering Undergraduate Program

Subjects in common among the undergraduate programs of the Faculty*

Credit Summary	No. of Credits	Type of Credit
General Studies	40	Mandatory
Faculty	150	Mandatory
Total Elective Subjects	15	Elective
Total Credits	205	

* The Faculty of Engineering comprises the Civil Engineering, Industrial Engineering and Systems Engineering undergraduate programs.

Subject to curricular change.

UNIVERSIDAD DE LIMA