

Civil Engineering

Faculty of Engineering and Architecture



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Major Diplomas in:


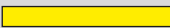


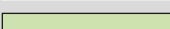
- Structures
- Management of Real Estate Development Projects
- Management of Virtual Design and Construction (BIM Manager)
- Management of Sustainable Projects

In order to graduate from the Civil Engineering Program, students must prove that they have completed the intermediate level of English by submitting an English language proficiency certificate issued by any of the institutes recognized by the University of Lima.

Civil Engineering

The Civil Engineering Program of the University of Lima promotes the construction industry. It offers the students solid technical skills 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.

LEVEL I	LEVEL II	LEVEL III	LEVEL IV	LEVEL V	LEVEL VI	LEVEL VII	LEVEL VIII	LEVEL IX	LEVEL X
Basic Mathematics 5 credits	Calculus I 5 credits	Calculus II 4 credits	Differential Equations 4 credits	Digital Programming 3 credits	Dynamics 4 credits	Fluid Mechanics 4 credits	Hydraulics 4 credits	Hydrology 4 credits	Hydraulic and Water Resources Engineering 3 credits
	Linear Algebra 3 credits	Statistics 3 credits				Numerical Methods 3 credits	Quality Management and Assurance 3 credits	Management of Occupational Health and Safety 3 credits	
	Economics and Business 3 credits		Business Organization 3 credits				Virtual Design and Construction I 3 credits	Virtual Design and Construction II 3 credits	Sustainable Infrastructures 3 credits
Personal and Social Development 3 credits					Construction Project Management I 3 credits	Construction Project Management II 3 credits	Management of Operation and Maintenance Projects 3 credits	Contract Management 3 credits	Management and Real Estate Development 3 credits
		Applied Chemistry 4 credits	Concrete Technology 3 credits	Construction Technology I 3 credits	Construction Technology II 3 credits		Strategic Management 3 credits		
Language and Communication I 5 credits	Language and Communication II 3 credits		Creativity and Innovation Workshop 2 credits	Leadership Workshop 2 credits	Strategic Marketing 3 credits		Managerial Skills Workshop 3 credits	Thesis Seminar I 4 credits	Thesis Seminar II 4 credits
Globalization and Peruvian Current Context 4 credits	Topics of Philosophy 3 credits				Economic Engineering 2 credits		Structural Analysis I 4 credits	Structural Analysis II 3 credits	
		Physics I 4 credits	Applied Physics 4 credits	Statics 4 credits	Materials Resistance I 4 credits	Materials Resistance II 4 credits	Reinforced Concrete I 4 credits	Reinforced Concrete II 3 credits	Steel and Wooden Structures 3 credits
Research Methodologies 3 credits	Social and Political Processes 3 credits	Graphic Engineering I 3 credits	Graphic Engineering II 4 credits	Architecture 4 credits	Sanitary Engineering 3 credits	Electromechanical Engineering 3 credits	Water Supply and Sanitation 3 credits	Prestressed Concrete 3 credits	Bridges 3 credits
				Environmental Engineering 3 credits		Ethics 2 credits		Earthquake-Resistant Engineering 4 credits	
		Geology 4 credits	Topography 3 credits	Soil Mechanics I 4 credits	Soil Mechanics II 4 credits	Transport Engineering I 3 credits	Transport Engineering II 3 credits	Pavements 3 credits	Tunnels 3 credits
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 School of Liberal Arts	
Mandatory subjects shared in the Faculty of Engineering and Architecture	
Mandatory subjects of the Civil Engineering Program	
Elective subjects of the Civil Engineering Program	
Elective subjects shared in the Faculty of Engineering and Architecture	

Credit Summary	No. of Credits	Credit Type
Total Liberal Arts subjects	40	Mandatory
Total mandatory subjects	150	Mandatory
Total elective subjects	15	Elective
Total credits	205	