

MAJOR DIPLOMAS IN

- Quality Systems
- Advanced Logistics
- Technological Innovation
- Environmental Sustainability
- Textile Technology and Innovation
- Project Management
- Occupational Health and Safety
- Modeling and Optimization of Processes
- Commercial Engineering
- Food Technology and Innovation

In order to graduate from the Industrial 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 the University of Lima.

INDUSTRIAL ENGINEERING

Faculty of Engineering and Architecture

The Industrial Engineering Undergraduate Program offers students the knowledge to plan, organize and manage production processes of goods and services in a company. Graduate students from our Undergraduate Program may efficiently work in any business system, and generate economic activities in the industrial, commercial and services sectors, thus proposing a culture of design, continuous improvement, optimization and innovation of processes.



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INDUSTRIAL ENGINEERING

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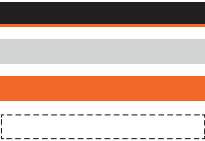
LEVEL I	LEVEL II	LEVEL III	LEVEL IV	LEVEL V	LEVEL VI	LEVEL VII	LEVEL VIII	LEVEL IX	LEVEL X
Basic Mathematics ⁵	Calculus I ⁵	Calculus II ⁴	Calculus III ⁴	Leadership Workshop ²	Quality Management ⁴	Facilities Design ⁴	Process Simulation ³	Supply Chain Management ⁴	Decision-Making Management ³
Research Methodologies ³	Linear Algebra ³	Introduction to Process Analysis ³	Industrial Chemistry ⁴	Mechanics ⁴	Work Design ⁴	Financial Management ³	Operations Planning & Control ⁴	Maintenance Management ³	Human Capital Management ³
Personal and Social Development ³	Social and Political Processes ³	IT Tools ³	Accounting Management ²	Electrical Engineering ³	Economic Engineering ²	Ethics and Social Responsibility ³	Strategic Management ³	Occupational Health and Safety ³	International Trade ³
Language and Communication I ⁵	Economics and Business ³	Creativity and Innovation Workshop ²	Business Organization ³	Environmental Management ³	Strategic Marketing ³	Machines and Instruments ⁴	Project Formulation and Evaluation ³	Research Project I ⁴	Research Project II ³
Globalization and Contemporary Peruvian Issues ⁴	Language and Communication II ³	Physics I ⁴	Physics II ⁴	Thermodynamics ⁴	Unit Operations and Processes ⁴	Industrial Technology ⁴	Diagnosis and Business Improvement ³	Project Management ³	Advanced Logistics ³
	Philosophy Topics ³	Engineering Drawing ³	Statistics and Probability I ³	Statistics and Probability II ³	Operations Research I ³	Operations Research II ³	Industrial Automation ³	ERP Process Workshop ³	Management Audit Practices ³
		General Chemistry ⁴		Operations Costing ²	Sustainable Development ³	Industrial Materials ³	Predictive Analytics ³	Lean Manufacturing ³	Occupational Risk Management ³
					Commercial Management ³		Management Skills Workshop ³	Business Game ³	Industrial Competitiveness ³
					Natural Resources Management ³		Textile Technology and Innovation ³	Service Operations Management ³	Digital Marketing Tools ³
							Food Technology ³	Technological Innovation Workshop ³	Patents, Brands and Franchises ³
							Clean Technologies ³	Textile and Apparel Design and Development ³	Logistic Processes Workshop ³
							Process Improvement Workshop ³	Material Handling System ³	Digital Transformation in Organizations ³
							Ergonomics Workshop ³		Industrial Design and Innovation ³
							Food Product Design and Development ³		Operations Management in the Textile Industry ³
Mandatory credits 20	Mandatory credits 20	Mandatory credits 23	Mandatory credits 20	Mandatory credits 21	Mandatory credits 20	Mandatory credits 21	Mandatory credits 19	Mandatory credits 14	Mandatory credits 12

Mandatory subjects of the School of Liberal Arts

Mandatory subjects of the Industrial Engineering Undergraduate Program

Elective subjects of the Industrial Engineering Undergraduate Program

Subjects in common among the undergraduate programs of the Faculty*



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

Subject to curricular change.

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



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