

SPECIALIZATION IN

- Technological Innovation Management
- Lean Manufacturing
- Supply Chain Management
- Business Intelligence
- Sustainable Industry
- Business Engineering
- Project Management

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 Universidad de Lima.

INDUSTRIAL ENGINEERING

Faculty of Engineering

The Industrial Engineering Undergraduate Program trains well-rounded professionals, capable of efficiently managing companies due to their innovation culture, their skills and their knowledge of sustainable technologies. The education at our University allows them to be process specialists and organization leaders with a professional performance based on moral and ethical principles, a commitment to business competitiveness and a society development-oriented vision.

Graduates from the Industrial Engineering Undergraduate Program of Universidad de Lima have the following characteristics:

- Comprehensive education in innovation, design and management of processes that add value in all kinds of organizations.
- Technological vision for business problem-solving assisted by the laboratories that provide ongoing support to our program.
- Education with business vision.



UNIVERSIDAD
DE LIMA

INDUSTRIAL 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	Statistics and Probability I ³	Design of Experiments ³	Operations Research I ³	Operations Research II ³	Simulation ³	Supply Chain Management ⁴	Research Project II ³
Research Methodologies ³	Linear Algebra ³	Data Analysis Tools ³	Calculus III ⁴	Operations Costing ²	Quality Management ⁴	Facilities Design ⁴	Operations Planning and Control ⁴	Research Project I ⁴	Human Capital Management ³
Personal and Social Development ³	Economics and Business ³	Introduction to Process Analysis ³	Accounting Management ²	Strategic Market Analysis ³	Leadership Workshop ²	Financial Management ³	Strategic Management ³	Occupational Health and Safety ³	Advanced Logistics ³
Language and Communication I ⁵	Language and Communication II ³	Creativity and Innovation Workshop ²	Business Organization ³	Work Design ⁴	Economic Engineering ²	Ethics and Social Responsibility ³	Research Seminar ³	Predictive Analysis ³	International Trade ³
Globalization and Contemporary Peruvian Issues ³	Social and Political Processes ³	Engineering Drawing ³	Physics II ⁴	Electrical Engineering ³	Engineering Innovation Workshop ³	Machines and Instruments ⁴	Project Formulation and Evaluation ³	Service Operations Management ³	Digital Transformation in Organizations ³
Civic Ethics ¹	Philosophy Topics ³	Physics I ⁴	Industrial Chemistry ⁴	Mechanics ⁴	Unit Operations and Processes ⁴	Industrial Technology ⁴	Food Technology ³	ERP Process Workshop ³	Management Audit Practices ³
		General Chemistry ⁴		Thermodynamics ⁴	Environmental Management ³		Machine Learning ³	Project Management ³	Project Implementation Management ³
							Management Skills Workshop ³	Logistic Processes Workshop ³	Operations Management ³
							Process Improvement Workshop ³	Lean Manufacturing ³	Patents, Brands and Franchises ³
							Ergonomics Workshop ³	Business Game ³	Digital Marketing Tools ³
							Demand Management ³	Maintenance Management ³	Clean Technologies ³
							Sustainable Development ³	Agile Methodologies ³	Textile Technology and Innovation ³
							Material Handling System ³	Industrial Design and Innovation ³	Automatic Learning ³
							B2B Management ³	Textile and Apparel Design and Development ³	
							Data Management and Analysis for Decision-Making ³	Food Product Design and Development ³	
							Commercial Management ³	Primary, Secondary and Tertiary Packaging Design ³	
							Smart Manufacturing ³		
							Sustainability Projects Assessment ³		

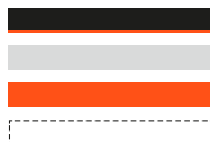
Mandatory credits 20	Mandatory credits 20	Mandatory credits 23	Mandatory credits 20	Mandatory credits 23	Mandatory credits 21	Mandatory credits 21	Mandatory credits 16	Mandatory credits 11	Mandatory credits 6
-----------------------------	-----------------------------	-----------------------------	-----------------------------	-----------------------------	-----------------------------	-----------------------------	-----------------------------	-----------------------------	----------------------------

Mandatory subjects of the General Studies Program

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
General Studies	40	Mandatory
Faculty	141	Mandatory
Total Elective Subjects	24	Elective
Total Credits	205	

Subject to curricular change.



UNIVERSIDAD DE LIMA

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