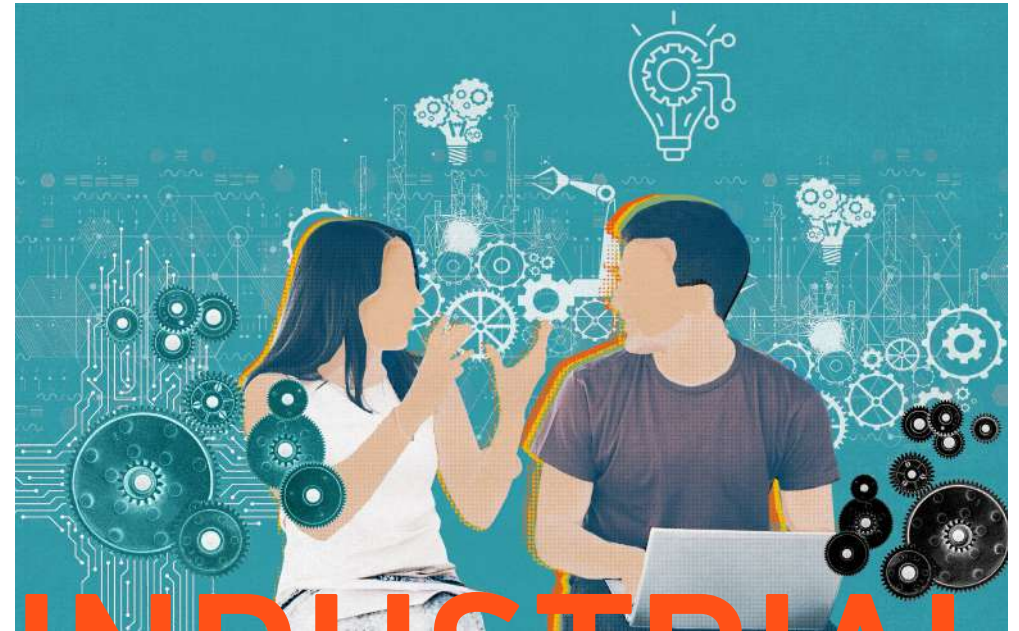




## SPECIALIST CERTIFICATIONS

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

## FACULTY OF ENGINEERING



# INDUSTRIAL ENGINEERING

The Industrial Engineering Undergraduate Program trains well-rounded professionals, capable of efficiently managing companies due to their innovation culture, skills and knowledge of sustainable technologies. The education at our University allows them to become 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.

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	LEVEL 8	LEVEL 9	LEVEL 10
BASIC MATHEMATICS 5	CALCULUS I 5	CALCULUS II * 4	STATISTICS AND PROBABILITY * 3	DESIGN OF EXPERIMENTS 3	OPERATIONS RESEARCH I * 3	OPERATIONS RESEARCH II 3	PROCESS 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 4	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 2	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
MANDATORY CREDITS 20	MANDATORY CREDITS 20	GENERAL CHEMISTRY 4	MANDATORY CREDITS 20	THERMODYNAMICS 4	ENVIRONMENTAL MANAGEMENT 3	MANDATORY CREDITS 21	MACHINE LEARNING 3	PROJECT MANAGEMENT * 3	PROJECT IMPLEMENTATION MANAGEMENT 3
		MANDATORY CREDITS 23		MANDATORY CREDITS 23	MANDATORY CREDITS 21		MANAGEMENT SKILLS WORKSHOP * 3	LOGISTIC PROCESSES WORKSHOP 3	OPERATIONS MANAGEMENT 3
							PROCESS IMPROVEMENT WORKSHOP 3	LEAN MANUFACTURING 3	PATENTS, BRANDS AND FRANCHISES 3
							INTEGRAL 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	MANDATORY CREDITS 6
							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	MANDATORY CREDITS 11	
							SUSTAINABILITY PROJECTS ASSESSMENT 3		
							MANDATORY CREDITS 16		

### CREDIT SUMMARY

	CREDITS	TYPE OF CREDIT
General Studies	40	Mandatory
Faculty	141	Mandatory
Total Elective Subjects	24	Elective
Total Credits	205	

Subject to curricular change.

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\*\*



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