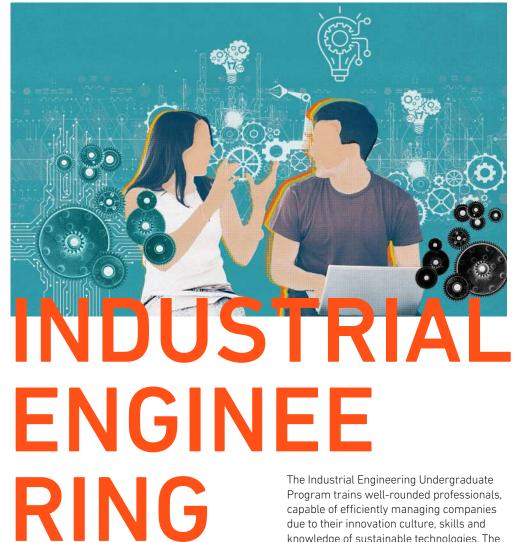


SPECIALIST CERTIFICATIONS

- Technological Innovation Management
- Lean Manufacturing
- Supply Chain Management
- Business Intelligence

- ent Sustainable Industry
 - Business Engineering
 - Project Management

FACULTY OF 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.

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SOMOS EL CAMBIO, OPTIMÍZALO



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
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 *
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
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
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
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
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
				MANDATORY CREDITS	23			MANDATORY CREDITS	23	MANDATORY CREDITS	21			MANAGEMENT SKILLS WORKSHOP *	3	LOGISTIC PROCESSES WORKSHOP	3	OPERATIONS MANAGEMENT

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.

4 OPERATIONS PLANING AND CONTROL 4 RESEARCH PROJECTI 4 HUMAN CAPITAL MANAGEMENT * 3 3 STRATEGIC CONTROL 3 OCCUPATIONAL HEALTH AND SAFETY 3 ADVANCED LOGISTICS 3 3 RESEARCH SEMINAR 3 PREDICTIVE ANALYSIS 3 INTERNATIONAL TRANSFORMATION IN 3 4 PROJECT FORMULATION AND EVALUATION 3 SERVICE OPERATIONS MANAGEMENT SKILLS 3 INTERNATIONAL TRANSFORMATION IN 3 21 MACHINE LEARNING 3 PROJECT MANAGEMENT SKILLS 3 LOGISTIC PROCESS WORKSHOP 3 MANAGEMENT AUDIT MANAGEMENT SKILLS 3 OPERATIONS MANAGEMENT SKILLS 3 JOINTAL MANAGEMENT SKILLS 3 JOINTAL MANAGEMENT 3 PROCESS IMPROVEMENT WORKSHOP 3 LEAN MANAGEMENT 3 PATENTS, BRANDS MANAGEMENT 3 J MANAGEMENT 3 MANAGEMENT 3 DIGITAL MARKETING MANAGEMENT 3 J MANAGEMENT 3 MANAGEMENT 3 DIGITAL MANAGEMENT 3 J MANAGEMENT 3 MANAGEMENT 3 DIGITAL MANAGEMENT 3 J <t< th=""><th>4 PLANNING AND CONTROL 4 RESEARCH PROJECT 4 HUMAN CAPILAL MARAGEMENT 3 3 STRATEGIC MANAGEMENT 3 OCCUPATIONAL HEALTH AND SAFETY 3 ADVANCED LOGISTICS 3 3 RESEARCH SEMINAR 3 PREDICTIVE ANALYSIS 3 INTERNATIONAL TRADEGOMENT IN IN 3 4 PROJECT FORDUET 3 SERVICE OPERATIONS 3 DIGITAL TRADEGOMENT AND 3 4 FOOD TECHNOLOGY 3 ERP PROCESS WORKSHOP 3 MANAGEMENT AUDIT 3 4 FOOD TECHNOLOGY 3 ERP PROCESS WORKSHOP 3 MANAGEMENT AUDIT 3 4 FOOD TECHNOLOGY 3 ERP PROCESS WORKSHOP 3 MANAGEMENT 3 5 MACHINE LEARNING 3 DOGISTIC PROCESSES 3 OPERATIONS MANAGEMENT 3 6 PROCESS WORKSHOP 3 BUSINESS GAME 3 DIGITAL MARKETING 3 7 MANAGEMENT 3 AGLE AGLE AND FRANCHISES 3 8 SUSTAINABLE 3 AGLE ALEAN ALEAN 3 <!--</th--><th></th><th>3</th><th>PROCESS SIMULATION</th><th>3</th><th>SUPPLY CHAIN MANAGEMENT</th><th>4</th><th>RESEARCH PROJECT II</th><th>3</th></th></t<>	4 PLANNING AND CONTROL 4 RESEARCH PROJECT 4 HUMAN CAPILAL MARAGEMENT 3 3 STRATEGIC MANAGEMENT 3 OCCUPATIONAL HEALTH AND SAFETY 3 ADVANCED LOGISTICS 3 3 RESEARCH SEMINAR 3 PREDICTIVE ANALYSIS 3 INTERNATIONAL TRADEGOMENT IN IN 3 4 PROJECT FORDUET 3 SERVICE OPERATIONS 3 DIGITAL TRADEGOMENT AND 3 4 FOOD TECHNOLOGY 3 ERP PROCESS WORKSHOP 3 MANAGEMENT AUDIT 3 4 FOOD TECHNOLOGY 3 ERP PROCESS WORKSHOP 3 MANAGEMENT AUDIT 3 4 FOOD TECHNOLOGY 3 ERP PROCESS WORKSHOP 3 MANAGEMENT 3 5 MACHINE LEARNING 3 DOGISTIC PROCESSES 3 OPERATIONS MANAGEMENT 3 6 PROCESS WORKSHOP 3 BUSINESS GAME 3 DIGITAL MARKETING 3 7 MANAGEMENT 3 AGLE AGLE AND FRANCHISES 3 8 SUSTAINABLE 3 AGLE ALEAN ALEAN 3 </th <th></th> <th>3</th> <th>PROCESS SIMULATION</th> <th>3</th> <th>SUPPLY CHAIN MANAGEMENT</th> <th>4</th> <th>RESEARCH PROJECT II</th> <th>3</th>		3	PROCESS SIMULATION	3	SUPPLY CHAIN MANAGEMENT	4	RESEARCH PROJECT II	3
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