CIVIL ENGINEERING

LA NUEVA INGENIERÍA
A more innovative and holistic engineering.

REAL-LIFE EXPERIENCE

Beginning in the fourth year, students will focus on field experience of their choice (projects in companies, exchange programs, research projects, social projects, ventures, etc.).

YEAR	01		02		03		04		05	
SEMESTER / CREDITS	01 / 22CRD	02 / 22CRD	03 / 22CRD	04 / 22CRD	05 / 26CRD	06 / 25CRD	07 / 23CRD	08 / 8CRD	09 / 23CRD	10 / 13CRD

FOUNDATIONAL ENGINEERING COURSES

01 / 22CRD		02 / 22CRD		03 / 22CRD		04 / 22CRD		05 / 26CRD		06 / 25CRD		07 / 23CRD		09 / 23CRD		10 / 13CRD	
Mathematics I	4	Mathematics II	4	Mathematics III	4	Introduction to Civil Engineering	3	Dynamics	3	Hydrology	4	General Geology	4	Civil Engineering Seminar	2	Cost Management	3
Physics I	4	Physics II	4	Thermodynamics	4	Geomatics	4	Strength of Materials I	3	Strength of Materials II	3	Geotechnical Engineering	4	Elective I	4	Elective III	4
General Chemistry	3	Material Science	4	Probability and Statistics	4	Applied Technologies and Megaprojects in Civil Engineering	3	Fluid Mechanics	4	Soil Mechanics	4	Structural Analysis I	4	Elective II	4		
Experimental Chemistry	1	Object-oriented Programming I	4			Statics	3	Technology of Construction Materials	4	Transportation Engineering I	4	Surface Hydraulics	4	Highway Engineering	4		
Introduction to Computer Science	4			Descriptive Geometry	4			Satellite Geodesy and Photogrammetry	4	Infraestructure Design	4	Concrete Technology	4				
												Construction Project Management	3				

CONCENTRATION IN ENGINEERING

HUMANITIES, ART, SOCIAL SCIENCES (HASS) – ENGLISH

Communication Laboratory I	3	Communication Laboratory II	3	Peru: Industrial Country?	2	Ethics and Technology	2	Cultures of Governance and Distribution of Power	3	Image and Personal Branding	3			Neogotiation & Leadership	3		
		Art & Technology	1			Developing Economies	3	English for STEAM	3	Critique of the Modern Age	3			Business Communication	2		

MINOR

Students will have the opportunity to deepen their studies in the area of engineering that they are most passionate about.

PROJECTS, INNOVTION, AND ENTREPRENEURSHIP

Global Challenges	3	Introduction to Business Development	2	Business Management	2	Innovation and Product Development	2	Transdisciplinary Project III	2			"Real-life experience" Supervised local or global experience	8	Thesis I	4	Thesis II	6
				Transdisciplinary Project I	2	Transdisciplinary Project II	2										