UPA
UNIVERSIDAD PARAGUAYO ALEMANA
HEIDELBERG - ASUNCIÓN

Curriculum Map 2026

INDUSTRIAL ENGINEERING + GERMAN MASTER'S DEGREE

First year		Second year		Third year		Fourth year		Fifth year	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester 10
Precalculus	Calculus III - Vector Calculus	Linear Algebra	Physics 3 - Electricity and Electromagnetism	Fluid Mechanics	Elective I	Internship	Thermotechnics I	Electrical engineering	Quality and Documentation
Calculus I - Differential	Basic Chemistry	Physics II - Thermodynamics and Waves	Production and Logistics	Materials Science	Elective II		Innovation Management I	Automation and Control	Macro-economics
Calculus II - Integral	Physics I - Mechanics and Energy	Operations Management	Vector Mechanics	Operations Research I	Elective III		Innovation Management II	Business Inteligence	Thesis and Colloquium
Introduction to Engineering	Introduction to Computer Science I	Micro-economics	Differential Equations	Industrial Installations			Rapid Prototyping	Organisational Behaviour	
Theory of Knowledge I	Introduction to Computer Science II	Probability and Statistics	Economic Engineering	Business Simulation			Project Management	Industrial Sustainability	
Theory of Knowledge II	Business Communication II	Industrial Safety	Business Communication IV	Industrial Processes			Bachelor thesis	Negotiation	
Business Communication I		Business Communication III		Business Communication V			Elective I	Elective II	
								Elective III	