

Courses with a sustainable perspective

Formative units (subjects) linked to the promotion of learning sustainable practices, climate change, and environmental conservation. These Formative units provide students with the information and experiences necessary to understand and address current environmental challenges and contribute to a more sustainable future for future generations.

School	Discipline	Key	Formative unit (subject)	Period
Engineering and Science	Agronomy	AG2001B	Analysis of Productive Biosystems	Fourth Semester
Engineering and Science	Agronomy	AG2003B	Integration of Sustainable Technologies in Biosystems	Fifth Semester
Engineering and Science	Agronomy	AG3001B	Bioproduction in Controlled Environments	Sixth Semester
Engineering and Science	Agronomy	AG3003B	Comprehensive and Eco-Efficient Management	Eighth Semester
Architecture, Art and Design	Architecture	AR2039	Research and Architectural Project	Fourth Semester
Architecture, Art and Design	Architecture	AR2040	Constructibility	Fifth Semester
Architecture, Art and Design	Architecture	AR3001B	Sustainable Metropolis: Mitigation	Fifth Semester
Architecture, Art and Design	Architecture	AR3002B	Sustainable Metropolis: Resilience	Fifth Semester
Architecture, Art and Design	Architecture	AR3004B	Sustainable Metropolis: Adaptation	Fifth Semester
Architecture, Art and Design	Architecture	AR3005B	Emerging Cities	Eighth Semester
Architecture, Art and Design	Architecture	AR3007B	Entrepreneurship in the Field of Architecture	Eighth Semester
Architecture, Art and Design	Architecture	AR3032	Building Systems	One or more semesters
Engineering and Science	Biotechnology	BT2002B	Preparation of Biotechnological Products	Fourth Semester
Engineering and Science	Biotechnology	BT2025	Prospection of Bioprocesses	Sixth Semester
Architecture, Art and Design	Biotechnology	BT2027	Urban Ecology	Third Semester
Humanities and Education	Communication	CO2002B	Communication, Digital Marketing and Data Mining	Fifth Semester
Engineering and Science	Civil Engineering	CV1001S	Systemic and Sustainable Vision for Engineering	Disciplinary Workshops
Engineering and Science	Civil Engineering	CV1002B	Analysis of Spatial Information Systems	Accredited Subjects
Engineering and Science	Civil Engineering	CV1009	Chemical Analysis of the Environment and Construction Materials	First Semester
Engineering and Science	Civil Engineering	CV1011	Evaluation of the Environmental Impact of Territorial Projects	Second Semester
Engineering and Science	Civil Engineering	CV2003B	Analysis of the Behavior of Hydraulic Systems	Fourth Semester
Engineering and Science	Civil Engineering	CV2005B	Design of Hydraulic Systems for the Sustainable Use of Water	Fifth Semester
Engineering and Science	Civil Engineering	CV2007B	Modeling of Water Sanitation Techniques	Sixth Semester
Engineering and Science	Civil Engineering	CV2008B	Design of Efficient Mobility of People and Goods	Sixth Semester
Engineering and Science	Civil Engineering	CV2041	Urban Infrastructure	Third Semester
Engineering and Science	Civil Engineering	CV3001B	Integration of Civil Engineering Projects	Eighth Semester
Social Sciences and Government	Law	D2036	Theory of Law	Third Semester
Social Sciences and Government	Law	D3008B	Economic Development and Sustainability	Multidisciplinary Professional Elective
Social Sciences and Government	Law	D3041	Company and Regulatory Compliance	Sixth Semester
Architecture, Art and Design	Industrial Design	DL3004B	Modularity and Optimization	Product Design Study Area
Engineering and Science	Sustainable Development	DS1001S	Sustentability	Disciplinary Workshops
Engineering and Science	Sustainable Development	DS1002S	Living the Sustainable Development	Disciplinary Workshops
Engineering and Science	Sustainable Development	DS1007	Sustainable Multidisciplinary Solutions	General Education
Engineering and Science	Sustainable Development	DS1008	Evaluation of Natural Capital and Sustainability Principles	Third Semester
Engineering and Science	Sustainable Development	DS1009	Ecological Processes for Human Development	Mathematics and Sciences
Engineering and Science	Sustainable Development	DS2001B	Conservation of Natural Resources in Biosystems	Fourth Semester

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Engineering and Science	Sustainable Development	DS2001S	Sustainability Consultancy and Trends	Disciplinary Workshops
Engineering and Science	Sustainable Development	DS2002	Innovation of Corporate Sustainability Models	Sixth Semester
Engineering and Science	Sustainable Development	DS2002B	Implementation of Resource Management Programs	Fourth Semester
Engineering and Science	Sustainable Development	DS3002B	Circular Economy, Materials and Sustainable Processes	Multidisciplinary Professional Elective
Social Sciences and Government	Economics	EC1001B	Transformation of Contemporary Mexico	First Semester
Social Sciences and Government	Economics	EC1014	Microeconomics	Second Semester
Social Sciences and Government	Economics	EC1017	Enterprise Economy	First Semester
Social Sciences and Government	Economics	EC1019	Citizenship and Smart Cities	Elective Subjects
Social Sciences and Government	Economics	EC3003B	Research and Economic Consulting	Multidisciplinary Professional Elective
Humanities and Education	Humanistic Studies	EH1012	Ethics, sustainability and social responsibility	Elective Subjects
Humanities and Education	Humanistic Studies	EH1021	Ecofeminism and Environmental Humanities	Elective Subjects
Business	Entrepreneurship	EM1003S	Design of Experiences for Value Creation	Disciplinary Workshops
Business	Entrepreneurship	EM2015	Corporate Entrepreneurship Opportunities	Fourth Semester
Engineering and Science	Physics	F1001B	Engineering and Science Modeling	First Semester
Engineering and Science	Physics	F2004B	Application of Alternative Sources Of Energy	Fourth Semester
Business	Finance	FZ2009B	Investment Vehicles and Coverage	Fifth Semester
Humanities and Education	Humanities	H1056	Rethinking Material Culture: Artefacts, Paradigms and Values	General Education
Humanities and Education	Humanities	H1058	Anthropology of the Body	General Education
Humanities and Education	Humanities	H1060	Self-Discovery, Wellbeing and Intelligent Social Responsibility	General Education
Humanities and Education	Humanities	H2003S	Climate Emergency: Towards a Culture of Sustainability	Human Sense
Engineering and Science	Biological Engineering	IB1006	Biomimetics and Sustainability	Mathematics and Sciences
Engineering and Science	Industrial Engineering	IN2001S	Decision Making in Complex Situations	Disciplinary Workshops
Engineering and Science	Industrial Engineering	IN2003B	Conceptualization of Processes with Innovative Approach	Fourth Semester
Engineering and Science	Industrial Engineering	IN2007B	Disruptive Design of Organizational Processes	Sixth Semester
Engineering and Science	Industrial Engineering	IN2034	Productivity Evaluation	Fifth Semester
Engineering and Science	Industrial Engineering	IN2035	Advanced Production Management	Fifth Semester
Engineering and Science	Chemical Engineering	IQ2001B	Integration of Energy Processes	Fourth Semester
Engineering and Science	Chemical Engineering	IQ2003B	Evaluation of Energy Processes	Fifth Semester
Engineering and Science	Chemical Engineering	IQ2004B	Energy Performance Evaluation of Industrial Processes	Fifth Semester
Engineering and Science	Chemical Engineering	IQ2005B	Advanced Sizing and Monitoring of Energy Processes	Sixth Semester
Engineering and Science	Chemical Engineering	IQ2006B	Innovation of the Processes in Your Value Chain	Sixth Semester
Engineering and Science	Chemical Engineering	IQ2008B	Design of Systems for Heat Transfer	Fourth Semester
Engineering and Science	Chemical Engineering	IQ2012	Application of the Principles of Energy Efficiency	Fifth Semester
Engineering and Science	Chemical Engineering	IQ2013	Analysis of Processes and Circular Economy	Fifth Semester
Engineering and Science	Chemical Engineering	IQ3001B	Design and Implementation of Energy Sustainability Models	Eighth Semester
Engineering and Science	Mechanical Engineering	M3001B	Machine Design	Eighth Semester
Medicine and Health Sciences	Medical Sciences	MB1002	Human Wellbeing, Sustainable Development, and the Built Environment	Elective Subjects
Humanities and Education	Information Media	MI2008	Fundamentals of Hypermedia and Transmedia Journalism	Fifth Semester
Business	Marketing	MT2003B	Segmentation and Positioning of Value Strategies	Fourth Semester
Business	Marketing	MT2006B	Sustainable Management of Marketing Projects	Fifth Semester

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Business	Marketing	MT2028	Design of Marketing Metrics	Fourth Semester
Business	Marketing	MT2030	Design of Internal Marketing Strategies	Fifth Semester
Business	Marketing	MT2031	Price Optimization and Supply Chain	Fifth Semester
Business	Marketing	MT3001B	Marketing Leadership I	Eighth Semester
Social Sciences and Government	Political Science	P2001S	Sustainability and Climate Change Public Policy	Disciplinary Workshops
Social Sciences and Government	Political Science	P3001B	Government, Private Sector, Technology and New Markets	Sixth Semester
Social Sciences and Government	Political Science	P3003B	Governance of Emerging Technologies	Multidisciplinary Professional Elective
Social Sciences and Government	International Relations	RI1001S	Global agenda in an Era of Deep Uncertainty	Disciplinary Workshops
Engineering and Science	Food Technology	TA2002B	Planning of Food Distribution Systems	Fourth Semester
Engineering and Science	Food Technology	TA2004B	Design of Sustainable Processes	Fifth Semester
Engineering and Science	Food Technology	TA2005B	Consumer Analysis and Food Market	Fifth Semester
Engineering and Science	Food Technology	TA2017	Sustainable Design of Food Processes	Fourth Semester
Engineering and Science	Food Technology	TA2018	Optimization of Processes and Safety Systems	Fourth Semester
Engineering and Science	Food Technology	TA2021	Application of Sensory Analysis in Food	Fifth Semester
Engineering and Science	Food Technology	TA3001B	Sustainable Development of Healthy and Personalized Foods	Sixth Semester
Engineering and Science	Food Technology	TA3002B	Design and Administration of Food Production and Distribution Processes	Eighth Semester
Engineering and Science	Electronic Technologies	TE1019	Foundation of Electrical and Electronic Engineering	Third Semester
Engineering and Science	Electronic Technologies	TE1020	Analysis of Electrical circuits	Third Semester
Engineering and Science	Electronic Technologies	TE3004B	Development and Administration of Telecommunications and Energy Systems	Eighth Semester