

MASTER COURSES IN ENGLISH AVAILABLE FOR MASTER EXCHANGE VISITORS. 2024-2025. CAMPUS OF BISCAY

FACULTY OF FACULTY OF ECONOMICS AND BUSINESS - SARRIKO (BILBAO)

MASTER IN ECONOMICS: EMPIRICAL APPLICATIONS AND POLICIES

Person in charge of the Master: FRANCISCO JAVIER GARDEAZABAL MATIAS

Web: <https://www.ehu.es/es/web/master/master-economia-aplicaciones-politico-empiricas>

		DATES	SCHEDULE ¹	CREDITS
503421	Microeconomics			5
503422	Macroeconomics			5
503423	Econometrics			5
503424	Quatitative Methods and Time Series Analysis			5
503426	Energy Markets			4
503427	Monetary Markets			4
503428	Introduction to Economics			3
503429	Introduction to Econometrics			3
503430	Algebra and Calculus			3
503431	Optimization			3
503434	Experimental and Behavioral Economics			4
503435	Causal Inference for the Social Sciences			4
503437	Cultural Economics			4
503438	Social Choice and Welfare			4
503439	Growth and Development			4

¹ Schedules: Not available yet. Check with the coordinator.

503441	Advance Topics in Economics		4
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FACULTY OF SCIENCE AND TECHNOLOGY

MASTER IN MOLECULAR BIOLOGY AND BIOMEDICINE

Person in charge of the Master: ASIER FULLAONDO Web: https://www.ehu.eus/en/web/master/master-molecular-biology-biomedicine	DATES	SCHEDULE	CREDITS
Advanced Workshop on Biomedicine	1st semester: Sep. 2024-Jan. 2025	M/A	5
Advanced Workshop on Molecular Biology	1st semester: Sep. 2024-Jan. 2025	M/A	5
Advanced nanomedicine in metabolic and inflammatory diseases: development and applications	1st semester: Sep. 2024-Jan. 2025	M/A	5
Cellular-Molecular Biology of Membranes	1st semester: Sep. 2024-Jan. 2025	M/A	5
Current advances and future trends in molecular and cellular microbiology	1st semester: Sep. 2024-Jan. 2025	M/A	5
Genetic Engineering and Biotechnology	1st semester: Sep. 2024-Jan. 2025	M/A	5
Macromolecular Structure	1st semester: Sep. 2024-Jan. 2025	M/A	5
Molecular Basis of Cell Proliferation, Differentiation and Death	1st semester: Sep. 2024-Jan. 2025	M/A	5
Neuroscience in health and disease	1st semester: Sep. 2024-Jan. 2025	M/A	5
Omics : Experimental designs and data analysi	1st semester: Sep. 2024-Jan. 2025	M/A	5
Proteomics in Biomedicine	1st semester: Sep. 2024-Jan. 2025	M/A	5

MASTER IN QUANTUM SCIENCE AND TECHNOLOGY (Only available for students enrolled in this faculty)

Person in charge of the Master: JOSE JUAN BLANCO PILLADO Web: https://www.ehu.eus/en/web/master/master-science-quantum-technology	DATES	SCHEDULE	CREDITS
Advanced quantum mechanics	1st semester: Sep. 2024-Jan. 2025	M/A	5
Quantum field theory	1st semester: Sep. 2024-Jan. 2025	M/A	5
Quantum optics and information	1st semester: Sep. 2024-Jan. 2025	M/A	5
Quantum statistical physics and condensed matter	1st semester: Sep. 2024-Jan. 2025	M/A	5
Advanced quantum optics	1st semester: Sep. 2024-Jan. 2025	M/A	4
Quantum Technologies	1st semester: Sep. 2024-Jan. 2025	M/A	4
Quantum information: formalism and physical implementations	1st semester: Sep. 2024-Jan. 2025	M/A	4
Semiconductor physics, transport, spintronics	1st semester: Sep. 2024-Jan. 2025	M/A	4
Fields and particles	1st semester: Sep. 2024-Jan. 2025	M/A	4
Mathematical Tools	1st semester: Sep. 2024-Jan. 2025	M/A	4
Quantum aspects of cosmology and astrophysics	1st semester: Sep. 2024-Jan. 2025	M/A	4
Topics in Fundamental Physics	1st semester: Sep. 2024-Jan. 2025	M/A	4

MASTER IN ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY *(Only available for students enrolled in this faculty)*

Person in charge of the Master: ETXEBARRIA LOIZATE, NESTOR Web: https://www.ehu.eus/en/web/master/master-environmental-contamination-toxicology	DATES	SCHEDULE	CREDITS
Cellular and Molecular Biomarkers	2nd semester: Jan. 2025-June 2025	M/A	4
Ecotoxicity Bioassays in Aquatic Risk Assessment	2nd semester: Jan. 2025-June 2025	M/A	4
Environmental genomics	2nd semester: Jan. 2025-June 2025	M/A	4
Histology and Histopathology of Aquatic Animals	2nd semester: Jan. 2025-June 2025	M/A	4

In Vitro Toxicity Testing	1st semester: Sep. 2024-Jan. 2025	M/A	4
Physiological Energetics of Marine Organisms	2nd semester: Jan. 2025-June 2025	M/A	4
Soil Contamination and Toxicology	1st semester: Sep. 2024-Jan. 2025	M/A	4
Advanced Instrumental Analysis	1st semester: Sep. 2024-Jan. 2025	M/A	4
Degradation and rehabilitation of estuaries	2nd semester: Jan. 2025-June 2025	M/A	4
Ecological Quality Assessment in Coastal Ecosystems	2nd semester: Jan. 2025-June 2025	M/A	4
Environmental Analytical Chemistry	2nd semester: Jan. 2025-June 2025	M/A	4
Environmental Biogeochemistry	2nd semester: Jan. 2025-June 2025	M/A	4
Eutrophication and Harmful Algae	1st semester: Sep. 2024-Jan. 2025	M/A	4
Environmental Risk Assessment	2nd semester: Jan. 2025-June 2025	M/A	4
Environmental data analysis	2nd semester: Jan. 2025-June 2025	M/A	4
Introduction to Environmental Biosafety	2nd semester: Jan. 2025-June 2025	M/A	4
Introduction to scientific research	2nd semester: Jan. 2025-June 2025	M/A	4
Advanced Course on IUCLID (online)	1st semester: Sep. 2024-Jan. 2025	M/A	4
Risk Communication (online)	1st semester: Sep. 2024-Jan. 2025	M/A	4
Social Perception of Pollution and Environmental Ethics	2nd semester: Jan. 2025-June 2025	M/A	4

MASTER IN INGENIERÍA QUÍMICA *(Only available for students enrolled in this faculty)*

Person in charge of the Master: GAYUBO CAZORLA, ANA GUADALUPE Web: https://www.ehu.eus/es/web/master/master-ingenieria-quimica		DATES	SCHEDULE	CREDITS
Difusión del conocimiento en Ingeniería Química		1st semester: Sep. 2024-Jan. 2025	M/A	3
Tecnologías emergentes en Ingeniería Química		1st semester: Sep. 2024-Jan. 2025	M/A	3

MASTER IN NUEVOS MATERIALES *(Only available for students enrolled in this faculty)*

Person in charge of the Master: GARCIA ARRIBAS, ALFREDO Web: https://www.ehu.eus/es/web/master/master-nuevos-materiales		DATES	SCHEDULE	CREDITS
Seminarios sobre el estado del arte en nuevos materiales		1st semester: Sep. 2024-Jan. 2025	M/A	5