

Subjects taught in English at the ETSIME-UPM

Code	Subject's name	ECTS	Course	Type	Semester (teaching period)	Degree	Responsible	Contact	Learning Guide (description and contents)
63000270	Exploration and evaluation of mineral deposits	4	1	Compulsory	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000270_1S_2024-25.pdf
63000271	Sustainable management of mining operations	4	1	Compulsory	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000271_1S_2024-25.pdf
63000272	Mine planning and design	4	1	Compulsory	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000272_1S_2024-25.pdf
63000273	Advanced Rock Engineering	4	1	Compulsory	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000273_1S_2024-25.pdf
63000274	Advanced explosives engineering	4	1	Compulsory	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000274_1S_2024-25.pdf
63000275	Land Management and mining	4	1	Compulsory	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000275_1S_2024-25.pdf
63000279	Seminars I	6	1	Optional	Fall (Sep-Dec)	MASTER'S DEGREE IN SUSTAINABLE MINING	José A. Sanchidrián	ja.sanchidrian@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06AK_63000279_1S_2024-25.pdf
63000252	Contaminated Site Assessment	6	1	Compulsory	Fall (Nov-Jan)	MASTER'S DEGREE IN SOIL AND GROUNDWATER CONTAMINATION	Eduardo de Miguel	eduardo.demiguel@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06CA_63000252_1S_2024-25.pdf
63000254	Soil and Groundwater Geochemistry	4	1	Compulsory	Fall (Sep-Nov)	MASTER'S DEGREE IN SOIL AND GROUNDWATER CONTAMINATION	Eduardo de Miguel	eduardo.demiguel@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06CA_63000254_1S_2024-25.pdf
63000257	Human Health Risk Assessment	4	1	Compulsory	Fall (Nov-Jan)	MASTER'S DEGREE IN SOIL AND GROUNDWATER CONTAMINATION	Eduardo de Miguel	eduardo.demiguel@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06CA_63000257_1S_2024-25.pdf
63000261	Writing a scientific paper	4	1	Optional	Spring (Apr-Jun)	MASTER'S DEGREE IN SOIL AND GROUNDWATER CONTAMINATION	Eduardo de Miguel	eduardo.demiguel@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06CA_63000261_1S_2024-25.pdf
53002026	Biorefineries	3	1	Optional	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	BOLONIO MARTÍN, David	david.bolonio@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002026_2S_2024-25.pdf
53002027	Sustainability and Petro-Chemistry	3	1	Obligatory	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	GARCÍA MARTÍNEZ, María	mj.garcia@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002027_2S_2024-25.pdf
53002028	Seguridad Industrial en Atmósferas Explosivas	3	1	Obligatory	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	GARCÍA TORRENT, Javier	javier.garcia@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002028_2S_2024-25.pdf
53002030	Fuel Transport and Logistics	3	1	Obligatory	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	QUEROL ARAGÓN, Enrique	enrique.querol@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002030_2S_2024-25.pdf
53002033	Thermal-Economics	3	1	Optional	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	MONTALVO MARTÍN, Cristina	cristina.montalvo@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002033_2S_2024-25.pdf
53002034	Computing Tools for Fuel Engineers	3	1	Optional	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	MONTALVO MARTÍN, Cristina	cristina.montalvo@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002034_2S_2024-25.pdf
53002054	Sustainable Mobility	3	1	Optional	Fall (Sep-Dec)	MASTER'S DEGREE IN ENERGY ENGINEERING	JIMÉNEZ CARRIZOSA, Miguel	miguel.jimenezcarrizosa@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_05BK_53002054_2S_2024-25.pdf



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65004001	ALGEBRA	6	1	Fall (1ºS)	BACHELOR'S DEGREE IN ENERGY ENGINEERING	Alejandro Silva Bernárdez	alejandro.silva@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06IE_65004001_1S_2024-25.pdf	NO	NO	SÍ	SÍ	Possibility of getting Algebra manuals in English
65004010	QUIMICA II	6	1	Spring (2ºS)	BACHELOR'S DEGREE IN ENERGY ENGINEERING	Yolanda Sánchez- Palencia	yolanda.sanchezpalencia@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_06IE_65004010_2S_2024-25.pdf	NO	SÍ	sí	sí	
65004030	MAQUINAS TERMICAS	6	3	Fall (1ºS)	BACHELOR'S DEGREE IN ENERGY ENGINEERING	David Nieto Simavilla	david.nsimavilla@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06IE_65004030_1S_2024-25.pdf	NO	SÍ	SÍ	SÍ	Planning to offer a teaching group in English
65004036	TECNOLOGIA DE LOS COMBUSTIBLES Y DE LA COMBUSTION	6	3	Fall (1ºS)	BACHELOR'S DEGREE IN ENERGY ENGINEERING	Isabel Amez Arenillas	isabel.amez@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06IE_65004036_1S_2024-25.pdf	NO	SÍ	SÍ	NO	
65004033	REFINO	6	3	Spring (2ºS)	BACHELOR'S DEGREE IN ENERGY ENGINEERING	Jose Laureano Canoyra Lopez	laureano.canoira.lopez@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/2S/GA_06IE_65004033_2S_2024-25.pdf	NO	SÍ	NO	NO	
65002027	MAQUINAS TERMICAS	4,5	3	Fall (1ºS)	BACHELOR'S DEGREE IN ENERGY RESOURCES, FUEL AND EXPLOSIVES ENGINEERING	Natalia Fonseca González	natalia.fonseca@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06RE_65002027_1S_2024-25.pdf	NO	SÍ	SÍ	SÍ	
65002039	REFINO, CARBOQUIMICA Y PETROQUIMICA	4,5	4	Fall (1ºS)	BACHELOR'S DEGREE IN ENERGY RESOURCES, FUEL AND EXPLOSIVES ENGINEERING	Jose Laureano Canoyra Lopez	laureano.canoira.lopez@upm.es	https://www.upm.es/comun_gauss/publico/guias/2024-25/1S/GA_06RE_65002039_1S_2024-25.pdf	NO	SÍ	NO	NO	