



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, M ^a	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	Spring (Apr-Jun)	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





Subjects taught in Spanish but with English resources at the ETSIME-UPM

Code	Subject's name	ECTS	Course	Semester (teaching period)	Degree	Responsible	Contact	Learning Guide (description and contents)	COURSE NOTES IN ENGLISH	BIBLIOGRAPHY IN ENGLISH	MENTORING IN ENGLISH	EXAMS IN ENGLISH	COMMENTS
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	