



**2025-2026 Academic Year**  
**List of Courses Offered in Foreign Language**  
**2025-2026 Akademik Yılı**  
**Yabancı Dilde Açılacak Dersler Listesi**

**Faculty of Engineering**  
**Mühendislik Fakültesi**

	Department <i>Bölüm</i>	Course Code <i>Ders Kodu</i>	ECTS <i>AKTS</i>	Course Title <i>Dersin Adı</i>	Semester <i>Dönem</i>	Course Content <i>Dersin İçeriği</i>	Academic Staff <i>Dersi Veren Öğretim Elemanı</i>	Online Available <i>Çevrimiçi</i>
1	Geological Engineering	JEO 501	4	Petrology of Magmatic Rocks	Fall	Identification of igneous rocks, classification, formation and geological significance of the model. World and in Turkey for major magmatic province. Global tectonic and magmatic processes. Geochemical characteristics of igneous rocks. Partial melting processes. Of primitive magmas. Mid-ocean ridges. Island arcs. Active continental margins. Back-arc basins. Within-plate magmatism.	Prof. Dr. Nurdane İlbeyli	x
2	Geological Engineering	JEO 504	5	Geomechanics	Spring	Description of soil and rock environments. Establishing the relationship between environmental factors and mechanical behavior. Evaluation of parameters obtained on-site and in laboratory conditions.	Asist. Prof. Dr. Özgür Aktürk	x
3	Geological Engineering	JEO 505	4	Volcanology	Fall	Magma physical and chemical properties, the volcano is?, Volcano types, eruption types, from volcanoes that supplies: liquid (lava) and solid (pyroclastic or tephra); volcanic rock, allowing the formation of different mechanisms; pyroclastic precipitation mechanism and developed types of rocks, epiclastic processes and epiclastic rock types, some former and current volcanism volcano samples and examining them.	Prof. Dr. Nurdane İlbeyli	x