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| **Önerilen Program** | | | | | | | |
| Ders Kodu | Ders Adı | Kredi | | | | Z/S | |
| T | U | L | K |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 7xx | Special Studies |  |  |  | 6 | Z | |
| Dönem Kredi Toplamı | | 30 | | | | | |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 5xx | Elective course |  |  |  | 6 | S | |
| GEOE 7xx | Special Studies |  |  |  | 6 | Z | |
| GEOE 590 | Graduate Seminar |  |  |  | 6 | Z | |
| Dönem Kredi Toplamı | | 30 | | | | | |
| GEOE 592 | Research and Thesis |  |  |  | 24 | | Z |
| GEOE 7xx | Special Studies |  |  |  | 6 | | Z |
|  |  |  |  |  |  | |  |
| Dönem Kredi Toplamı | | 30 | | | | | |
| GEOE 592 | Research and Thesis |  |  |  | 24 | | Z |
| GEOE 7xx | Special Studies |  |  |  | 6 | | Z |
|  |  |  |  |  |  | |  |
| Dönem Kredi Toplamı | | 30 | | | | | |

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|  | Güz Dönemi | | | | | | | |  | Güz Dönemi | | | | | | |
|  | Ders Kodu | Ders Adı | T | U | L | K | Z/S | | Ders Kodu | Ders Adı | T | U | L | K | Z/S |
|  |  |  |  |  |  |  |  | | GEOE 590 | Graduate Seminar\* | 0 | 2 | 0 | 6 | Z |
|  | GEOE 590 | Graduate Seminar\* | 0 | 2 | 0 | 0 | Z | | GEOE 592 | Research and Thesis | 0 | 0 | 0 | 24 | Z |
|  | GEOE 700 | Special Studies\*\* | 4 | 0 | 0 | 0 | Z | | GEOE 7xx\*\* | Special Studies\*\* | 4 | 0 | 0 | 6 | Z |
|  | GEOE 501 | Advanced Geochemical Thermodynamics | 3 | 0 | 0 | 3 | S | | GEOE 501 | Advanced Geochemical Thermodynamics | 3 | 0 | 0 | 6 | S |
|  | GEOE 503 | Geochemical Prospecting | 3 | 0 | 0 | 3 | S | | GEOE 503 | Geochemical Prospecting | 3 | 0 | 0 | 6 | S |
|  | GEOE 505 | Mineral Economics | 3 | 0 | 0 | 3 | S | | GEOE 505 | Mineral Economics | 3 | 0 | 0 | 6 | S |
|  | GEOE 507 | Advanced Igneous Petrography | 3 | 0 | 0 | 3 | S | | GEOE 507 | Advanced Igneous Petrography | 3 | 0 | 0 | 6 | S |
|  | GEOE 509 | Igneous Petrogenesis | 3 | 0 | 0 | 3 | S | | GEOE 509 | Igneous Petrogenesis | 3 | 0 | 0 | 6 | S |
|  | GEOE 511 | Pyroclastic Rocks | 3 | 0 | 0 | 3 | S | | GEOE 511 | Pyroclastic Rocks | 3 | 0 | 0 | 6 | S |
|  | GEOE 513 | The Investigation Techniques for Sedimentary Rocks | 3 | 0 | 0 | 3 | S | | GEOE 513 | The Investigation Techniques for Sedimentary Rocks | 3 | 0 | 0 | 6 | S |
|  | GEOE 515 | Depositional Environments of Sedimentary Rocks | 3 | 0 | 0 | 3 | S | | GEOE 515 | Depositional Environments of Sedimentary Rocks | 3 | 0 | 0 | 6 | S |
|  | GEOE 517 | Stability of Rock Slopes in Engineering Practice | 3 | 0 | 0 | 3 | S | | GEOE 517 | Stability of Rock Slopes in Engineering Practice | 3 | 0 | 0 | 6 | S |
|  | GEOE 519 | Shallow Foundations in Engineering Geology | 3 | 0 | 0 | 3 | S | | GEOE 519 | Shallow Foundations in Engineering Geology | 3 | 0 | 0 | 6 | S |
|  | GEOE 521 | Engineering Properties of Soils | 3 | 0 | 0 | 3 | S | | GEOE 521 | Engineering Properties of Soils | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  |  | | GEOE 523 | Geographic Information Systems (GIS) | 3 | 0 | 0 | 6 | S |
| Bahar Dönemi | | | | | | | | | GEOE 525 | Groundwater Modeling | 2 | 2 | 0 | 6 | S |
|  | GEOE 500 | M.Sc. Thesis | 0 | 0 | 0 | 0 | | Z | GEOE 527 | Marine Micropaleontology | 3 | 0 | 0 | 6 | S |
|  | GEOE 590 | Graduate Seminar\* | 0 | 2 | 0 | 0 | | Z | GEOE 529 | Paleoclimatology | 3 | 0 | 0 | 6 | S |
|  | GEOE 700 | Special Studies\*\* | 4 | 0 | 0 | 0 | | Z | GEOE 531 | Radiogenetic Isotope Geology | 3 | 0 | 0 | 6 | S |
|  | GEOE 502 | Granite Tectonics | 3 | 0 | 0 | 3 | | S | GEOE 533 | Geothermal Drilling | 3 | 0 | 0 | 6 | S |
|  | GEOE 504 | Geochemistry of Hydrothermal Ore Deposits | 3 | 0 | 0 | 3 | | S | GEOE 535 | Geothermal Energy Utilization | 3 | 0 | 0 | 6 | S |
|  | GEOE 506 | Advanced Mining Geology | 3 | 0 | 0 | 3 | | S | GEOE 537 | Karst Hydrogeology | 3 | 0 | 0 | 6 | S |
|  | GEOE 508 | Geochemistry of Igneous Rocks | 3 | 0 | 0 | 3 | | S |  |  |  |  |  |  |  |
|  | GEOE 510 | Volcanology | 3 | 0 | 0 | 3 | | S | Bahar Dönemi | | | | | | |
|  | GEOE 512 | Coastal Geology | 3 | 0 | 0 | 3 | | S | GEOE 590 | Graduate Seminar\* | 0 | 0 | 0 | 6 | Z |
|  | GEOE 514 | Carbonate Rock Petrography | 3 | 0 | 0 | 3 | | S | GEOE 592 | Research and Thesis | 0 | 2 | 0 | 24 | Z |
|  | GEOE 516 | Clastic Rock Petrography | 3 | 0 | 0 | 3 | | S | GEOE 7xx | Special Studies\*\* | 4 | 0 | 0 | 6 | Z |
|  | GEOE 518 | Mechanical Behaviour of Earth Materials | 3 | 0 | 0 | 3 | | S | GEOE 502 | Granite Tectonics | 3 | 0 | 0 | 6 | S |
|  | GEOE 520 | Site Investigation | 3 | 0 | 0 | 3 | | S | GEOE 504 | Geochemistry of Hydrothermal Ore Deposits | 3 | 0 | 0 | 6 | S |
|  | GEOE 522 | Engineering Properties of Rocks | 3 | 0 | 0 | 3 | | S | GEOE 506 | Advanced Mining Geology | 3 | 0 | 0 | 6 | S |
|  | GEOE 524 | Engineering Geology Case Studies | 3 | 0 | 0 | 3 | | S | GEOE 508 | Geochemistry of Igneous Rocks | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 510 | Volcanology | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 512 | Coastal Geology | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 514 | Carbonate Rock Petrography | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 516 | Clastic Rock Petrography | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 518 | Mechanical Behaviour of Earth Materials | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 520 | Site Investigation | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 522 | Engineering Properties of Rocks | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 524 | Engineering Geology Case Studies | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 526 | Advanced Remote Sensing | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 528 | Soft Computing Methods | 2 | 2 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 530 | Clay Mineralogy | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 532 | Metamorphic Petrogenesis | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 534 | Quaternary Environmental Change | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 536 | Groundwater Contamination | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 538 | Isotope Hydrogeology | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  | GEOE 540 | Geothermal Sites of Turkey | 3 | 0 | 0 | 6 | S |
|  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |
| **Notlar**  \* Öğrenciler bu derse güz veya bahar yarıyılında kayıt yaptırabilir.  \*\*Bu ders bir öğrenci için 4 saat (teorik), birden fazla sayıda öğrenci için ise 8 saat (teorik)’dir. | | | | | | | | | **Notlar**  1)\* Öğrenciler GEOE 590 Graduate Seminar ve GEOE 592 Research and Thesis derslerine Güz veya Bahar yarıyılında kayıt yaptırabilir (Students can register to GEOE 590 Graduate Seminar and GEOE 592 Research and Thesis courses either in Fall or Spring term)  2)\*\* GEOE 7xx Special Studies dersi bir öğrenci için 4 saat (teorik), birden fazla sayıda öğrenci için ise 8 saat (teorik)’dir (GEOE 7xx Special Studies is counted as 4 hours (theoretical) for one student and 8 hours (theoretical) for more than one student)  Ders kodunda bulunan xx herbir öğretim üyesinin kodunu belirtmektedir.  01 Prof. Dr. Ergun KARACAN  02 Prof. Dr. İlkay KUŞCU  03 Doç. Prof. Dr. Gonca KUŞCU  04 Doç. Prof. Dr. Murat GÜL  05 Yard. Doç. Dr. Bedri KURTULUŞ  06 Prof. Dr. Fikret KAÇAROĞLU  07 Doç. Dr. Semih GÜRSU  08 Yard. Doç. Dr. Özgür AVŞAR  09 Yard. Doç. Dr. Sena AKÇER ÖN  10 Yard. Doç. Dr. Murat Ersen AKSOY  xx for the code of corresponding academic staff  01 Prof. Dr. Ergun KARACAN  02 Prof. Dr. İlkay KUŞCU  03 Assoc. Prof. Dr. Gonca KUŞCU  04 Assoc. Prof. Dr. Murat GÜL  05 Assist. Prof. Dr. Bedri KURTULUŞ  06 Prof. Dr. Fikret KAÇAROĞLU  07 Assoc. Prof. Dr. Semih GÜRSU  08 Assist. Prof. Dr. Özgür AVŞAR  09 Assist. Prof. Dr. Sena AKÇER ÖN  10 Assist. Prof. Dr. Murat Ersen AKSOY  3) Seçmeli derslerin tümü Güz ve Bahar dönemlerinde açılacaktır (All Elective courses will be offered in Fall and Spring terms). | | | | | | |