

FREE ELECTIVES ** / NON-DEPARTMENTAL ELECTIVE (BDS) **: A total of 21 (twenty-one) credits for graduation must be taken and achieved. The BDS courses can be selected from the elective and compulsory courses offered at all departments of the University except the Department of Mining Engineering where undergraduate education is carried out at MSKU.

TECHNICAL ELECTIVE COURSES-DEPARMENTAL (BIS) *** : Each of the departmental technical elective courses (Group A / B / C in the table below) has 5 (five) credits. A total of 40 (forty) credits of BIS courses that must be taken and achieved for graduation;

20 (twenty) ECTS are only among the courses offered in the semesters of A-Group or B-Group;

10 (ten) ECTS from the group that has not been selected before (Group A or Group B),

5 (five) ECTS from Group C courses and

5 (five) ECTS may be selected among the elective or compulsory courses of the other departments of the Faculty of Engineering which do not have prerequisites for the same semester, provided that the course is offered and student requests request the approval of the advisor. If the student and advisor deems appropriate, he / she can also choose from the A or B or C group of courses that were not selected by the student before.

BÖLÜM İÇİ TEKNİK SEÇMELİ (BİS) DERS KODU VE ADI (TECHNICAL ELECTIVES***) GRUP A	BÖLÜM İÇİ TEKNİK SEÇMELİ (BİS) DERS KODU VE ADI (TECHNICAL ELECTIVES***) GRUP B	BÖLÜM İÇİ TEKNİK SEÇMELİ (BİS) DERS KODU VE ADI (TECHNICAL ELECTIVES***) GRUP C
GÜZ DÖNEMİ		
MINE 4501 Applied Rock Mechanics – Surface Structures***	MINE 4511 Mine Tailings and Effluent Management***	MINE 4523 Mining and Sustainability***
MINE 4503 Tunneling, Shaft Sinking and Support Design***	MINE 4515 Introduction to Coal Preparation and Technology***	MINE 4525 Ethics in Engineering
MINE 4505 Marble Plant Machinery***	MINE 4517 Introduction to Ceramics Technology***	MINE 4529 History of Mining
MINE 4507 Mine Planning and Equipment Selection***	MINE 4519 Process Mineralogy***	
MINE 4509 Transport and Drainage in Mines***	MINE 4531 Metallurgy for Mining Engineering	
	MINE4533 Industrial Minerals***	
BAHAR DÖNEMİ		
MINE 4502 Applied Rock Mechanics - Underground Structures***	MINE 4514 Beneficiation of Metallic and Precious Minerals***	MINE 4528 Total Quality Management in Mining***
MINE 4504 Reclamation and Mine Closure***	MINE 4516 Energy Resources***	MINE 4530 Mine System Analysis***
MINE 4506 Marble Quarry Machinery***	MINE 4518 Hydrometallurgy***	MINE 4532 Project Management in Mining***
MINE 4508 Mine Mechanization***	MINE 4520 Waste Processing and Recycling***	
MINE 4510 Coal Mining Methods and Design***	MINE 4522 Computer Aided Mineral Processing Applications***	
MINE 4526 Computer Applications in Mining***	MINE 4524 Solid-Liquid Separation***	

, * A minimum of 61 ECTS of elective courses (BIS +BDS) must have been taken and succeeded for graduation. (21 ECTS BDS + 40 ECTS BİS): minimum 61 ECTS)

Transition Students (Horizontal / Vertical) Grade Point Average (GPA) without the condition of upper-year elective courses (BDS) can choose from,

Exchange Students (Erasmus / Farabi / Mevlana) may choose to take the departmental elective courses (BIS) from the upper semesters in order to prevent their loss of the year.