

**İZMİR INSTITUTE OF TECHNOLOGY**  
**MOLECULAR BIOLOGY AND GENETICS DEPARTMENT**  
**DOUBLE MINOR UNDERGRADUATE PROGRAM**

| <b>CORE COURSES</b> | <b>ECTS</b> |
|---------------------|-------------|
|---------------------|-------------|

Main courses

|                                  |   |
|----------------------------------|---|
| MBG 101 Biology I (4+0)4         | 7 |
| MBG 201 Cell Biology I (3+0)3    | 5 |
| MBG 202 Molecular Biology (4+0)4 | 8 |
| MBG 203 Genetics (4+0)4          | 5 |
| MBG 301 Biochemistry I (3+0)3    | 6 |

Additional courses

|  |   |
|--|---|
| MBG 206 Cell Biology II (3+0)3                   | 5 |
| MBG 303 Molecular Genetics of Prokaryotes (3+0)3 | 5 |
| MBG 305 Applied Bioinformatics (2+2)3            | 5 |
| MBG 302 Biochemistry II (3+0)3                   | 7 |
| MBG 304 Molecular Genetics of Eukaryotes (3+0)3  | 8 |

In double minor program 5 main course must be taken. If one of the main courses is equivalent to a course in student's department, student must take one of the additional courses instead.