

### COURSE RECORD

Code	PREPD205
Name	English for Life Sciences
Hours per week	2
Credit Value	2
ECTS	3
Level/Year	English Prep.
Type	Compulsory (Dep.)
Prerequisites	PREPR100
Description	This course is compulsory for students of MBG and Bioengineering. Students will learn, by remembering basic biology and chemistry they learned at school, to understand and make descriptions of biological and biochemical concepts in English. They will also learn words which are more generally useful in descriptions of science and technology.
Objectives	<ul style="list-style-type: none"> <li>- Helping students to read short, authentic, texts in the fields of life science, and technology;</li> <li>- Teaching discipline-specific vocabulary, and in doing so accustom students to the principle that the same word in English can have both an everyday sense and a very different discipline specific meaning;</li> <li>- Expanding students' general technical vocabulary;</li> <li>- Showing students how, within their departmental field specific field, to articulate basic ideas and facts with which they are already familiar in their first language, thus boosting both their English expression range and confidence;</li> <li>- Teaching students strategies for further, autonomous, English learning.</li> </ul>
Learning Outcomes	<p>By the end of English for Engineering students will be able to:</p> <p>LO1. understand simple subject-specific texts,</p> <p>LO2. demonstrate a larger general vocabulary,</p> <p>LO3. demonstrate a larger discipline-specific vocabulary,</p> <p>LO4. make simple spoken sentences about topics from the fields of life science, and technology,</p> <p>LO5. continue their study of English more autonomously.</p>

### CONTRIBUTION TO PROGRAMME OUTCOMES\*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
LO1	5	5	1	4	3	2	2	3	3	0	5	4
LO2	5	5	0	4	4	4	4	5	4	2	5	4
LO3	5	5	1	4	4	4	4	5	4	2	5	4
LO4	3	2	3	3	0	2	2	5	4	5	4	1
LO5	5	5	0	4	4	4	4	5	4	4	5	5

\* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

### CONTRIBUTION TO INSTITUTIONAL LEARNING OUTCOMES

	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7
LO1.	4	2	0	0	4	5	0
LO2.	4	2	0	1	2	5	0
LO3.	4	1	1	1	1	5	0
LO4.	5	4	4	4	4	5	0
LO5.	5	3	1	2	4	5	0

\* Contribution Level: 0: None, 1: Very Low, 2: Low, 3: Medium, 4: High, 5: Very High

**COURSE CONTENT DETAILS**

<b>Topics</b>	<b>Outcomes</b>
Working scientifically	LO2, LO3, LO4
Cycles and processes	LO2, LO3, LO5
Technical Vocabulary	LO1, LO4, LO5
Cell Biology	LO1, LO2, LO3
Genetics	LO2, LO3, LO4
Diseases and Defense	LO1, LO3, LO4
Bioenergetics / Biochemistry / Ecology	LO2, LO3, LO4

**DERS BİLGİLERİ**

Kodu	PREPD205
İsmi	English for Life Sciences
Haftalık Saati	2
Kredi	2
AKTS	3
Seviye/Yıl	İngilizce Hazırlık
Dersin Dili	İngilizce
Tip	Zorunlu (Bölüm)
Ön Şart	PREPR100
İçerik	English for Life Sciences, MBG ve Biyomühendislik öğrencileri için zorunludur. Öğrenciler, okulda öğrendikleri temel biyoloji ve kimyayı hatırlayarak, biyolojik ve biyokimyasal kavramları İngilizce olarak anlamayı ve tanımlamayı öğreneceklerdir. Ayrıca, genel olarak bilim ve teknoloji tanımlarında yararlı olan kelimeleri de öğreneceklerdir.