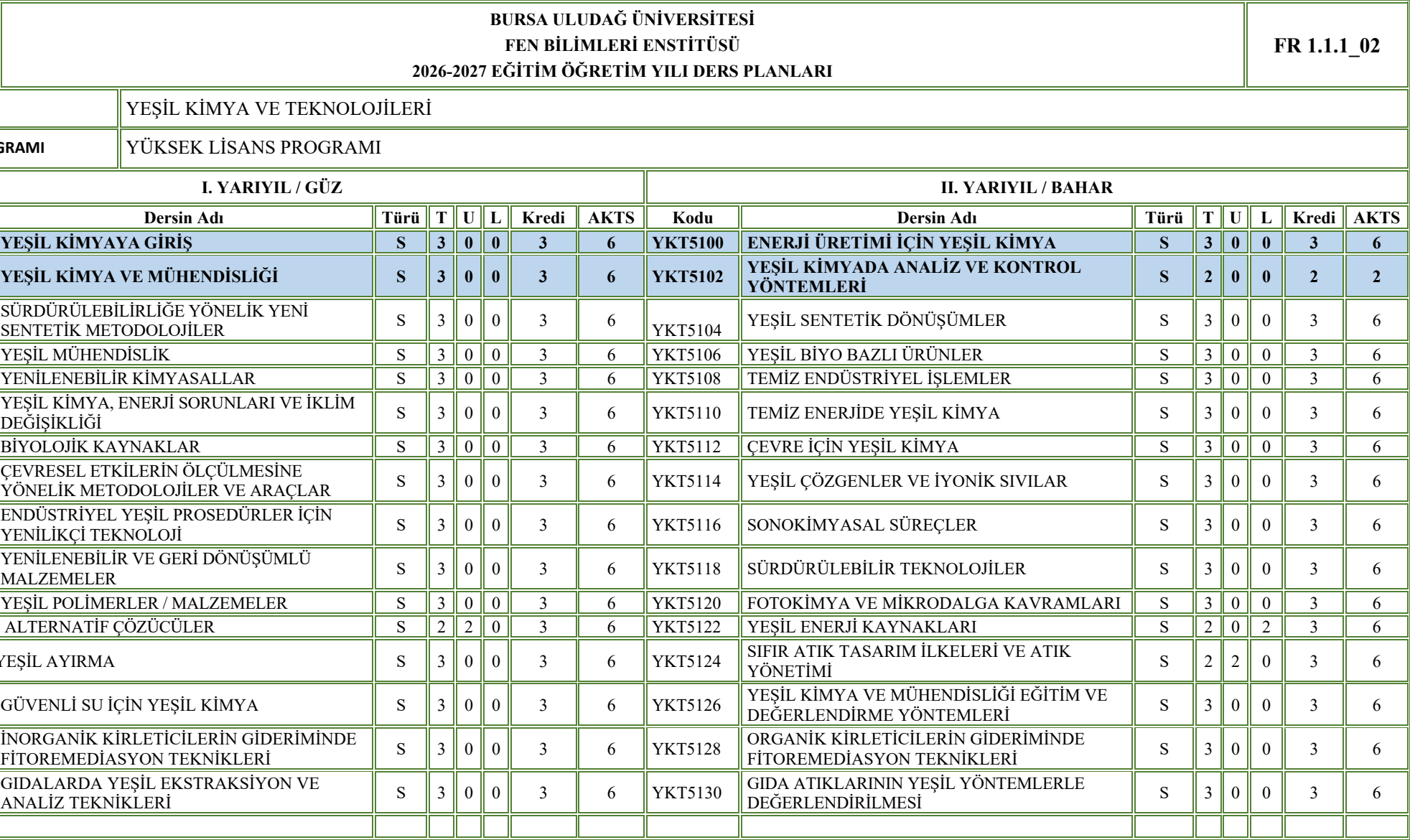


**YEŞİL KİMYA VE TEKNOLOJİLERİ PROGRAMINDA YÜKSEK LİSANS DERECESİ ALMAK İÇİN ALINMASI
GEREKEN ZORUNLU VE SEÇMELİ DERSLER**

Her bir dönem ayrı ayrı olmak üzere Ders ve Tez kredileri ile AKTS kredi bilgilerini ait tablolar

		BURSA ULUDAĞ ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ 2025-2027 EĞİTİM ÖĞRETİM YILI DERS PLANLARI														FR 1.1.1_02			
ANABİLİM/ ANASANAT DALI			YEŞİL KİMYA VE TEKNOLOJİLERİ																
BİLİM/ SANAT DALI / PROGRAMI			YÜKSEK LİSANS PROGRAMI																
DERS AŞAMASI	I. YARIYIL / GÜZ								II. YARIYIL / BAHAH										
	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS			
	YKT5181	YÜKSEK LİSANS UZMANLIK ALAN DERSİ I	Z	4	0	0	0	5	YKT5182	YÜKSEK LİSANS UZMANLIK ALAN DERSİ II	Z	4	0	0	0	5			
	YKT5191	TEZ DANIŞMANLIĞI I	Z	0	1	0	0	1	YKT5192	TEZ DANIŞMANLIĞI II	Z	0	1	0	0	1			
									YKT5172	SEMİNER	Z	0	2	0	0	4			
	YKT	SEÇMELİ DERS	S	3	0	0	3	6	FEN500	ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ	Z	2	0	0	0	2			
	YKT	SEÇMELİ DERS	S	3	0	0	3	6											
	YKT	SEÇMELİ DERS	S	3	0	0	3	6	YKT	SEÇMELİ DERS	S				3	6			
	YKT	SEÇMELİ DERS *	S				3	6	YKT	SEÇMELİ DERS	S				3	6			
									YKT	SEÇMELİ DERS *	S				3	6			
Toplam Kredi/AKTS							12	30	Toplam Kredi/AKTS							9	30		
TEZ AŞAMASI	III. YARIYIL / GÜZ								IV. YARIYIL / BAHAH										
	YKT5183	YÜKSEK LİSANS UZMANLIK ALAN DERSİ III	Z	4	0	0	0	5	YKT5184	YÜKSEK LİSANS UZMANLIK ALAN DERSİ IV	Z	4	0	0	0	5			
	YKT5193	TEZ DANIŞMANLIĞI III	Z	0	1	0	0	25	YKT5194	TEZ DANIŞMANLIĞI IV	Z	0	1	0	0	25			
	Toplam Kredi/AKTS							0	30	Toplam Kredi/AKTS							0	30	
TOPLAM KREDİ: 23 - TOPLAM AKTS: 120																			



Not: *: Öğrenci isterse, danışmanının onayı ile her yarıyıl için en fazla 1 (bir) seçmeli dersini aynı AKTS değerinde olmak şartıyla alan dışından da alabilir.

Compulsory and Elective Courses Required to Obtain a Master's Degree in the GREEN CHEMISTRY AND TECHNOLOGIES Program

Tables showing Course and Thesis Credits and ECTS credits for each semester separately.

		BURSA ULUDAĞ UNIVERSITY GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES ACADEMIC YEAR: 2026–2027 COURSE PLANS														FR 1.1.1_02		
DEPARTMENT / DIVISION			GREEN CHEMISTRY AND TECHNOLOGIES															
PROGRAM			MASTER'S DEGREE PROGRAM															
COURSE STAGE	I. TERM / FALL								II. TERM / SPRING									
	Code	Course Title	Type	T	U	L	Credit	ECTS	Code	Course Title	Type	T	U	L	Credit	ECTS		
	YKT5181	MASTER'S SPECIALIZATION COURSE I	C	4	0	0	0	5	YKT5182	MASTER'S SPECIALIZATION COURSE II	C	4	0	0	0	5		
	YKT5191	THESIS SUPERVISION I	C	0	1	0	0	1	YKT5192	THESIS SUPERVISION II	C	0	1	0	0	1		
									YKT5172	SEMINAR	C	0	2	0	0	4		
	YKT	ELECTIVE COURSE	E	3	0	0	3	6	FEN500	RESEARCH TECHNIQUES AND PUBLICATION ETHICS	C	2	0	0	0	2		
	YKT	ELECTIVE COURSE	E	3	0	0	3	6										
	YKT	ELECTIVE COURSE	E	3	0	0	3	6	YKT	ELECTIVE COURSE	E				3	6		
	YKT	ELECTIVE COURSE*	E				3	6	YKT	ELECTIVE COURSE	E				3	6		
									YKT	ELECTIVE COURSE*	E				3	6		
	Total Credits/ECTS						12	30	Total Credits/ECTS						9	30		
STAGE THESIS	III. TERM / FALL								IV. TERM / SPRING									
	YKT5183	MASTER'S SPECIALIZATION COURSE III	C	4	0	0	0	5	YKT5184	MASTER'S SPECIALIZATION COURSE IV	C	4	0	0	0	5		
	YKT5193	THESIS SUPERVISION III	C	0	1	0	0	25	YKT5194	THESIS SUPERVISION IV	C	0	1	0	0	25		
	Total Credits/ECTS						0	30	Total Credits/ECTS						0	30		
TOTAL CREDITS: 23 - TOTAL ECTS: 120																		



BURSA ULUDAĞ UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
COURSE PLANS FOR THE 2026–2027 ACADEMIC YEAR

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DEPARTMENT / DIVISION GREEN CHEMISTRY AND TECHNOLOGIES

PROGRAM MASTER'S DEGREE PROGRAM

COURSE STAGE	I. TERM / FALL								II. TERM / SPRING							
	Code	Course Title	Type	T	U	L	Credit	ECTS	Code	Course Title	Type	T	U	L	Credit	ECTS
	YKT5101	INTRODUCTION TO GREEN CHEMISTRY	E	3	0	0	3	6	YKT5100	GREEN CHEMISTRY FOR ENERGY PRODUCTION	E	3	0	0	3	6
	YKT5103	GREEN CHEMISTRY AND ENGINEERING	E	3	0	0	3	6	YKT5102	ANALYSIS AND CONTROL METHODS IN GREEN CHEMISTRY	E	2	0	0	2	2
	YKT5105	NOVEL SYNTHETIC METHODOLOGIES FOR SUSTAINABILITY	E	3	0	0	3	6	YKT5104	GREEN SYNTHETIC TRANSFORMATIONS	E	3	0	0	3	6
	YKT5107	GREEN ENGINEERING	E	3	0	0	3	6	YKT5106	GREEN BIO-BASED PRODUCTS	E	3	0	0	3	6
	YKT5109	RENEWABLE CHEMICALS	E	3	0	0	3	6	YKT5108	CLEAN INDUSTRIAL PROCESSES	E	3	0	0	3	6
	YKT5111	GREEN CHEMISTRY, ENERGY ISSUES AND CLIMATE CHANGE	E	3	0	0	3	6	YKT5110	GREEN CHEMISTRY IN CLEAN ENERGY	E	3	0	0	3	6
	YKT5113	BIOLOGICAL RESOURCES	E	3	0	0	3	6	YKT5112	GREEN CHEMISTRY FOR THE ENVIRONMENT	E	3	0	0	3	6
	YKT5115	METHODOLOGIES AND TOOLS FOR MEASURING ENVIRONMENTAL IMPACTS	E	3	0	0	3	6	YKT5114	GREEN SOLVENTS AND IONIC LIQUIDS	E	3	0	0	3	6
	YKT5117	INNOVATIVE TECHNOLOGIES FOR INDUSTRIAL GREEN PROCEDURES	E	3	0	0	3	6	YKT5116	SONOCHEMICAL PROCESSES	E	3	0	0	3	6
	YKT5119	RENEWABLE AND RECYCLABLE MATERIALS	E	3	0	0	3	6	YKT5118	SUSTAINABLE TECHNOLOGIES	E	3	0	0	3	6
	YKT5121	GREEN POLYMERS / MATERIALS	E	3	0	0	3	6	YKT5120	PHOTOCHEMISTRY AND MICROWAVE CONCEPTS	E	3	0	0	3	6
	YKT5123	ALTERNATIVE SOLVENTS	E	2	2	0	3	6	YKT5122	GREEN ENERGY SOURCES	E	2	0	2	3	6
	YKT5125	GREEN SEPARATION	E	3	0	0	3	6	YKT5124	ZERO WASTE DESIGN PRINCIPLES AND WASTE MANAGEMENT	E	2	2	0	3	6
	YKT5127	GREEN CHEMISTRY FOR SAFE WATER	E	3	0	0	3	6	YKT5126	EDUCATION AND EVALUATION METHODS IN GREEN CHEMISTRY AND ENGINEERING	E	3	0	0	3	6
	YKT5129	PHYTOREMEDIATION TECHNIQUES FOR INORGANIC POLLUTANTS	E	3	0	0	3	6	YKT5128	PHYTOREMEDIATION TECHNIQUES FOR ORGANIC POLLUTANTS	E	3	0	0	3	6
	YKT5131	GREEN EXTRACTION AND ANALYSIS TECHNIQUES IN FOODS	E	3	0	0	3	6	YKT5130	VALORIZATION OF FOOD WASTES USING GREEN METHODS	E	3	0	0	3	6

[illegible]

		BURSA ULUDAĞ ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ 2026-2027 EĞİTİM ÖĞRETİM YILINDA EKLENEN DERSLER								FR 1.1.1_02		
ANABİLİM/ ANASANAT DALI			YEŞİL KİMYA VE TEKNOLOJİLERİ									
BİLİM/SANAT DALI / PROGRAMI			YÜKSEK LİSANS PROGRAMI /									
Kodu	Dersin Adı	Yarıyıl	T ür ü	T	U	L	Kredi	AKTS	Uygulama Esasları*	Gerekçe		
YKT5131	GIDALARDA YEŞİL EKSTRAKSİYON VE ANALİZ TEKNİKLERİ	GÜZ	S	3	0	0	3	6				
YKT5130	GIDA ATIKLARININ YEŞİL YÖNTEMLERLE DEĞERLENDİRİLMESİ	BAHAR	S	3	0	0	3	6				
Toplam Kredi/AKTS												

BURSA ULUDAĞ ÜNİVERSİTESİ
FEN BİLİMLERİ ENSTİTÜSÜ
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ANABİLİM/ ANASANAT DALI	YEŞİL KİMYA VE TEKNOLOJİLERİ
BİLİM/SANAT DALI / PROGRAMI	YÜKSEK LİSANS PROGRAMI

[illegible]

* Her değişiklikte giriş yılı farklı olan öğrenciler için uygulama esaslarının açıkça belirtilmesi.

