



**ULUDAĞ ÜNİVERSİTESİ**  
**FEN BİLİMLERİ ENSTİTÜSÜ**  
**2016-2017 EĞİTİM ÖĞRETİM YILI DERS PLANLARI**

ANABİLİM DALI

KRİMİNALİSTİK ANABİLİM DALI

BİLİM DALI / PROGRAMI

YÜKSEK LİSANS PROGRAMI

## I. YARIYIL / GÜZ

## II. YARIYIL / BAHAR

DERS AŞAMASI

Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS
KRM5191	YÜKSEK LİSANS TEZ DANIŞMANLIĞI I	Z	0	1	0	0	1	KRM5192	YÜKSEK LİSANS TEZ DANIŞMANLIĞI II	Z	0	1	0	0	1
KRM5181	YÜKSEK LİSANS UZMANLIK ALAN DERSİ I	S	4	0	0	0	5	KRM5182	YÜKSEK LİSANS UZMANLIK ALAN DERSİ II	S	4	0	0	0	5
KRM5101	KRİMİNAL BİLİMLERE GİRİŞ	Z	3	0	0	3	6	KRM5172	SEMİNER	Z	0	2	0	0	4
KRM5103	KRİMİNALİSTİK ARAŞTIRMA YÖNTEMLERİ	Z	3	0	0	3	6	KRM5102	KRİMİNALİSTİKTE ANALİZ YÖNTEMLERİ	Z	3	0	0	3	6
KRM5105	KRİMİNALİSTİK BOTANİK	S	3	0	0	3	6	KRM 5140	KRİMİNALİSTİK HUKUK ve ETİK	Z	2	0	0	0	6
KRM5107	KRİMİNALİSTİK TOKSİKOLOJİ	S	3	0	0	3	6	KRM5000	KRİMİNALİSTİKTE ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ	Z	2	0	0	2	2
KRM5117	ÖRNEK HAZIRLAMA TEKNİKLERİ	S	3	0	0	3	6	KRM5104	KALİTE KONTROLÜ VE GÜVENLİĞİ	S	3	0	0	3	6
KRM5119	AYRIMA TEKNİKLERİ	S	3	0	0	3	6	KRM5106	KRİMİNALİSTİK ENTOMOLOJİ	S	3	0	0	3	6
KRM5121	KRİMİNALİSTİK ANALİZLERDE İLERİ TEKNİKLER I	S	3	0	0	3	6	KRM5108	KRİMİNALİSTİK DNA ANALİZİ	S	3	0	0	3	6
KRM5123	KRİMİNALİSTİK PROTEOM ANALİZİ	S	3	0	0	3	6	KRM5110	KRİMİNALİSTİK MİKROBİYOLOJİ	S	2	0	2	3	6
KRM5125	İLERİ MİKROSKOBİ	S	3	0	0	3	6	KRM5112	ÇEVRESEL KRİMİNOLOJİ	S	3	0	0	3	6
KRM5127	X-İŞINLARI VE UYGULAMALARI	S	2	2	0	3	6	KRM5114	KRİMİNALİSTİK ANALİZLERDE İLERİ TEKNİKLER II	S	3	0	0	3	6
KRM5129	KATI MADDELERİN ÖZELLİKLERİ I	S	3	0	0	3	6	KRM5116	KRİMİNALİSTİK VERİLERDE İSTATİSTİK	S	3	0	0	3	6
KRM5131	ELEKTROKİMYASAL METOTLAR VE KRİMİNALİSTİK UYGULAMALARI	S	3	0	0	3	6	KRM5118	KRİMİNALİSTİK BİYOKİMYA II	S	3	0	0	3	6
KRM5133	YÜZEY FİZİĞİ	S	3	0	0	3	6	KRM5120	İMMUNOLOJİK TEKNİKLERİN KRİMİNALİSTİK UYGULAMALARI	S	3	0	0	3	6
KRM5135	KRİMİNALİSTİK BİYOKİMYA I	S	3	0	0	3	6	KRM5122	İLERİ MİKROSKOBİ UYGULAMALARI	S	2	0	2	3	6
KRM5137	KRİMİNALİSTİKTE İZ DELİLLERİ ARAŞTIRILMASI	S	3	0	0	3	6	KRM5124	ELEKTRON MİKROSKOPLARI VE UYGULAMALARI	S	2	2	0	3	6
KRM5139	NÜKLEER TIP	S	2	2	0	3	6	KRM5126	KRİMİNALİSTİK SPEKTROSKOPİ	S	3	0	0	3	6
								KRM5128	RADYASYONDAN KORUNMA	S	2	2	0	3	6
								KRM5130	NANOFİZİK VE NANOBİLİM	S	3	0	0	3	6
								KRM5132	KATI MADDELERİN ÖZELLİKLERİ II	S	3	0	0	3	6
								KRM5134	NANOTEKNOLOJİ	S	3	0	0	3	6
								KRM5136	KRİMİNALİSTİKTE DELİLLERİN KİMYASAL	S	3	0	0	3	6

										KRM5138	İNCELENMESİ GENEL RADYOFİZİK	S	2	2	0	3	6								
		<b>Toplam Kredi</b>							<b>12</b>	<b>30</b>												<b>Toplam Kredi</b>		<b>11</b>	<b>30</b>
<b>TEZ AŞAMASI</b>	<b>III. YARIYIL / GÜZ</b>									<b>IV. YARIYIL / BAHAR</b>															
										KRM5184	YÜKSEK LİSANS UZMANLIK ALAN DERSİ IV	Z	4	0	0	0	5								
	KRM5183	YÜKSEK LİSANS UZMANLIK ALAN DERSİ III	Z	4	0	0	0	5		KRM5194	YÜKSEK LİSANS TEZ DANIŞMANLIĞI IV	Z	0	0	0	0	25								
	KRM5193	YÜKSEK LİSANS TEZ DANIŞMANLIĞI III	Z	0	0	0	0	25																	
	<b>Toplam Kredi</b>									<b>0</b>	<b>30</b>												<b>Toplam Kredi</b>		<b>0</b>
<b>TOPLAM KREDİ: 23 - TOPLAM AKTS: 120</b>																									

**Not:** Öğrenci, seçmeli derslerden Güz yarıyılı **6** kredilik (**10 AKTS**) Bahar yarıyılı **3** kredilik (**5 AKTS**) toplam **6** kredilik (**10 AKTS**) **2 (iki)** ders seçecektir. Öğrenci isterse, danışmanının onayı ile her yarıyıl için **1 (bir)** seçmeli dersini alan dışından da alabilir.



**ULUDAĞ UNIVERSITY**  
**GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES**  
**2016-2017 ACADEMIC YEAR COURSE PLAN**

**DEPARTMENT OF** CRIMINALISTIC  
**DEPARTMENT / 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
	CRIM5191	MA THESIS I	Z	0	1	0	0	1	CRIM5192	MA THESIS II	Z	0	1	0	0	1
	CRIM5181	ADVANCED TOPICS IN MA THESIS I	S	4	0	0	0	5	CRIM5182	ADVANCED TOPICS IN MA THESIS II	S	4	0	0	0	5
	CRIM5101	INTRODUCTION TO CRIMINAL SCIENCES	Z	3	0	0	3	6	CRIM5172	SEMINAR	Z	0	2	0	0	4
	CRIM5103	RESEARCH METHODS IN CRIMINOLOGY	Z	3	0	0	3	6	CRIM5102	ANALYSIS METHODS IN CRIMINAL SCIENCES	Z	3	0	0	3	6
									CRIM5140	CRIMINALISTIC LAW AND ETHICS	Z	3	0	0	3	6
	CRM5105	BOTANICAL CRIMINOLOGY	S	3	0	0	3	6	CRM5000	RESEARCH TECHNIQUES and PUBLICATION ETHICS in CRIMINALISTIC	C	2	0	0	2	2
	CRM5107	CRIMINALISTIC'S TOXICOLOGY	S	3	0	0	3	6	CRIM5104	QUALITY CONTROL AND SAFETY	S	3	0	0	3	6
	CRM5117	SAMPLE PREPARATION TECHNIQUES	S	3	0	0	3	6	CRIM5106	CRIMINALISTICS ENTOMOLOGY	S	3	0	0	3	6
	CRIM5119	SEPARATION TECHNIQUES	S	3	0	0	3	6	CRIM5108	CRIMINALISTICS DNA ANALYSIS	S	3	0	0	3	6
	CRIM5121	ADVANCED TECHNIQUES IN CRIMINALISTIC ANALYSIS I	S	3	0	0	3	6	CRIM5110	CRIMINALISTICS MICROBIOLOGY	S	2	0	2	3	6
	CRIM5123	PROTEOME ANALYSIS IN CRIMINOLOGY	S	3	0	0	3	6	CRIM5112	ENVIRONMENTAL CRIMINOLOGY	S	3	0	0	3	6
	CRIM5125	ADVANCED MICROSCOPY	S	3	0	0	3	6	CRIM5114	ADVANCED TECHNIQUES IN CRIMINALISTIC ANALYSIS II	S	3	0	0	3	6
	CRIM5127	X-RAYS AND APPLICATIONS	S	2	2	0	3	6	CRIM5116	STATISTICAL DATA IN CRIMINOLOGY	S	3	0	0	3	6
	CRIM5129	SOLID MATERIALS PROPERTIES I	S	3	0	0	3	6	CRIM5118	CRIMINALISTICS BIOCHEMISTRY II	S	3	0	0	3	6
	CRIM5131	ELECTROCHEMICAL METHODS AND APPLICATIONS IN CRIMINOLOGY	S	3	0	0	3	6	CRIM5120	FORENSIC APPLICATIONS OF IMMUNOLOGICAL TECHNIQUES	S	3	0	0	3	6
	CRIM5133	SURFACE PHYSICS	S	3	0	0	3	6	CRIM5122	ADVANCED MICROSCOPY APPLICATIONS	S	2	0	2	3	6
	CRIM5135	CRIMINALISTIC BIOCHEMISTRY I	S	3	0	0	3	6	CRIM5124	ELECTRON MICROSCOPY AND APPLICATIONS	S	2	2	0	3	6
	CRIM5137	CRIMINALISTIC TRACE EVIDENCE INVESTIGATIONS	S	3	0	0	3	6	CRIM5126	CRIMINALISTICS SPECTROSCOPY	S	3	0	0	3	6
	CRIM5139	NUCLEAR MEDICINE	S	3	0	0	3	6	CRM5128	RADIATION PROTECTION	S	3	0	0	3	6
									CRIM5130	NANOPHYSICS AND NANOSCIENCE	S	3	0	0	3	6
									CRIM5132	PROPERTIES OF SOLID MATERIALS II	S	3	0	0	3	6
									CRIM5134	NANOTECHNOLOGY	S	3	0	0	3	6

									CRIM5136	CRIMINOLOGICAL PRODUKTE CHEMICAL INVESTIGATION EVIDENCE	S	3	0	0	3	6
									CRIM5138	GENERAL RADIOPHYSICS	S	3	0	0	3	6
									<b>Total Credits</b>			<b>12</b>			<b>30</b>	
												<b>Total Credits</b>		<b>11</b>	<b>30</b>	
<b>STAGE THESIS</b>	<b>III. TERM / FALL</b>								<b>IV. TERM / SPRING</b>							
									CRIM 5184	ADVANCED TOPICS IN MA THESIS IV	Z	4	0	0	0	5
	CRIM5183	ADVANCED TOPICS IN MA THESIS III	Z	4	0	0	0	5	CRIM5194	MA THESIS IV	Z	0	0	0	0	25
	CRIM5193	MA THESIS III	Z	0	0	0	0	25								
									<b>Total Credits</b>			<b>0</b>			<b>30</b>	
												<b>Total Credits</b>		<b>0</b>	<b>30</b>	
<b>TOTAL CREDITS: 23 - TOTAL ECTS: 120</b>																

**Not:** The student is expected to take a total of **3** credited **3 (THREE)** selective courses, Fall semester **6** credit (**10 AKTS**) and Spring semester **3** credit (**5 AKTS**).  
The students have the option of choosing one selective course from another department with the endorsement of the supervisor.