

YAZILIM MÜHENDİSLİĞİ (İNGİLİZCE)					
Kazanılan Yeterlilik	Program Süresi	Toplam Kredi (AKTS)	Öğretim Şekli	Yeterliliğin Düzeyi ve Öğrenme Alanı	
	4	240	FULL TIME	TYÇ, TYYÇ, EQF-LLL, ISCED (2011):6. Düzey QF-EHEA:1. Düzey TYYÇ, ISCED (1997-2013):	

## Öğretim Programı

### 1. Yarıyıl

Ders Kodu	Ders Adı	Dili	Ön Koşul	Teori	Pratik	Kredi	AKTS
1400111001	Calculus I	EN		4	0	4	6
1400111005	Physics I	EN		3	2	4	5
1400111007	Chemistry	EN		2	2	3	5
1400111009	Programming I	EN		1	4	3	3
1400111011	Introduction to Engineering and Ethics	EN		2	0	2	3
5010111005	Kariyer Planlama	TR		1	0	1	2
5010111011	Almanca I	EN		2	0	2	2
5010111015	Türk Dili	TR		4	0	4	4
<b>Toplam</b>						<b>23</b>	<b>30</b>

**2. Yarıyıl**

<b>Ders Kodu</b>	<b>Ders Adı</b>	<b>Dili</b>	<b>Ön Koşul</b>	<b>Teori k</b>	<b>Pratik</b>	<b>Kredi</b>	<b>AKTS</b>
<b>1400121002</b>	<b>Calculus II</b>	<b>EN</b>		<b>4</b>	<b>0</b>	<b>4</b>	<b>6</b>
<b>1400121006</b>	<b>Physics II</b>	<b>EN</b>		<b>3</b>	<b>2</b>	<b>4</b>	<b>5</b>
<b>1400121008</b>	<b>Discrete Mathematics</b>	<b>EN</b>		<b>3</b>	<b>0</b>	<b>3</b>	<b>5</b>
<b>1400121010</b>	<b>Linear Algebra</b>	<b>EN</b>		<b>2</b>	<b>0</b>	<b>2</b>	<b>5</b>
<b>1400121012</b>	<b>Programming II</b>	<b>TR</b>		<b>1</b>	<b>4</b>	<b>3</b>	<b>3</b>
<b>5010111002</b>	<b>Atatürk İlkeleri ve İnkılap Tarihi</b>	<b>TR</b>		<b>4</b>	<b>0</b>	<b>4</b>	<b>4</b>
<b>5010111012</b>	<b>Almanca II</b>	<b>EN</b>		<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>Toplam</b>						<b>22</b>	<b>30</b>

### 3. Yarıyıl

Ders Kodu	Ders Adı	Dili	Ön Koşul	Teori	Pratik	Kredi	AKTS	
1400211013	Probability and Statistics	EN		3	0	3	6	
1400211015	Differential Equations	EN		3	0	3	6	
1400211025	Data Structures	TR		2	2	3	7	
1413211003	Theory of Computation	EN		3	0	3	5	
1413211007	Software Design and Architecture	EN		3	0	3	6	
<b>Toplam</b>						<b>15</b>	<b>30</b>	

**4. Yarıyıl**

<b>Ders Kodu</b>	<b>Ders Adı</b>	<b>Dili</b>	<b>Ön Koşul</b>	<b>Teori</b>	<b>Pratik</b>	<b>Kredi</b>	<b>AKTS</b>
1400221010	Web Programming	EN		3	0	3	3
1400221012	Occupational Safety and Health	EN		2	0	2	2
1400221014	Applied Statistics	EN		3	0	3	5
1400221026	Design and Analysis of Algorithms	EN		3	0	3	6
1400221030	Numerical Methods	TR		2	2	3	7
1413221014	Summer Training I	EN		0	0	0	4
1413221016	Computer Systems	EN		3	0	3	3
<b>Toplam</b>						<b>17</b>	<b>30</b>

**5. Yarıyıl**

<b>Ders Kodu</b>	<b>Ders Adı</b>	<b>Dili</b>	<b>Ön Koşul</b>	<b>Teori k</b>	<b>Prati k</b>	<b>Kredi</b>	<b>AKT S</b>
1400311005	Database Systems	EN		3	0	3	6
1400311009	Programming Languages	EN		2	2	3	5
1400311011	Operating Systems	EN		2	2	3	5
1413311003	Software Engineering Management	EN		3	0	3	4
	Department Elective					3	5
	Department Elective					3	5
<b>Toplam</b>						<b>18</b>	<b>30</b>

**6. Yarıyıl**

<b>Ders Kodu</b>	<b>Ders Adı</b>	<b>Dili</b>	<b>Ön Koşul</b>	<b>Teori</b>	<b>Pratik</b>	<b>Kredi</b>	<b>AKT</b>	
1400321006	System Programming	EN		3	0	3	4	
1400321008	Computer Networks	EN		3	0	3	4	
1413321006	Software Testing and Quality Assurance	EN		3	0	3	6	
1413321008	Summer Training II	EN		0	0	0	3	
	Üniversite Seçmeli					2	3	
	Department Elective					3	5	
	Department Elective					3	5	
<b>Toplam</b>						<b>17</b>	<b>30</b>	

**7. Yarıyıl**

<b>Ders Kodu</b>	<b>Ders Adı</b>	<b>Dili</b>	<b>Ön Koşul</b>	<b>Teori</b>	<b>Pratik</b>	<b>Kredi</b>	<b>AKTS</b>
<b>1400411001</b>	<b>Interdisciplinary Design Studies</b>	<b>EN</b>		<b>2</b>	<b>0</b>	<b>2</b>	<b>6</b>
<b>1413411001</b>	<b>Software Requirements Engineering</b>	<b>EN</b>		<b>3</b>	<b>0</b>	<b>3</b>	<b>4</b>
<b>1413411007</b>	<b>Bitirme Projesi I</b>	<b>EN</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>
	<b>Üniversite Seçmeli</b>					<b>2</b>	<b>3</b>
	<b>Üniversite Seçmeli</b>					<b>2</b>	<b>3</b>
	<b>Department Elective</b>					<b>3</b>	<b>5</b>
	<b>Department Elective</b>					<b>3</b>	<b>5</b>
<b>Toplam</b>						<b>16</b>	<b>30</b>

**8. Yarıyıl**

<b>Ders Kodu</b>	<b>Ders Adı</b>	<b>Dili</b>	<b>Ön Koşul</b>	<b>Teori</b>	<b>Pratik</b>	<b>Kredi</b>	<b>AKTS</b>
<b>1400221020</b>	<b>Entrepreneurship</b>	<b>EN</b>		<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>
<b>1413421006</b>	<b>Bitirme Projesi II</b>	<b>EN</b>		<b>1</b>	<b>0</b>	<b>1</b>	<b>6</b>
	<b>Üniversite Seçmeli</b>					<b>2</b>	<b>3</b>
	<b>Üniversite Seçmeli</b>					<b>2</b>	<b>3</b>
	<b>Department Elective</b>					<b>3</b>	<b>5</b>
	<b>Department Elective</b>					<b>3</b>	<b>5</b>
	<b>Department Elective</b>					<b>3</b>	<b>5</b>
<b>Toplam</b>						<b>16</b>	<b>30</b>