

International University of Sarajevo (IUS) and Istanbul Technical University (ITU)					
Integrated Curriculum: Electronics and Communications Engineering					
Academic Year: 2025-2026					
FIRST YEAR (Taken at IUS)					
Fall Semester			Spring Semester		
Code	Title	Credits (ECTS)	Code	Title	Credits (ECTS)
CS103	Introduction to programming	6	ENS203	Electrical Circuits I	6
ENS205	Materials Science	3	ELIT1000	Academic English and Effective Communication	6
MATH101	Calculus I	6	MATH102	Calculus II	6
NS102	Physics	6	NS105	Physics II	6
ENS221	Introduction to Engineering	3	MATH201	Linear Algebra	6
NS104	General Chemistry	6	CS105	Advanced Programming	6
Toplam		30	Toplam		36
SECOND YEAR (Taken at IUS)					
Fall Semester			Spring Semester		
Code	Title	Credits (ECTS)	Code	Title	Credits (ECTS)
EE201	Analog Electronics I	6	ELIT2000	Critical Reading and Writing	6
EE202	Electrical Circuits II	6	EE301	Analog Electronics II	6
CS303	Digital Design	6	ENS201	Electromagnetism I	6
MATH202	Differential Equations	6	ENS211	Signals and Systems	6
MATH203	Introduction to Probability and Statistics	6	MATH205	Numerical Analysis	6
Toplam		30	Toplam		30
THIRD YEAR (Taken at ITU)					
Fall Semester			Spring Semester		
Code	Title	Credits (ECTS)	Code	Title	Credits (ECTS)
EHB 227E	Introduction to Optics	5	EHB 311E	Intro. to Electronics Laboratory	3
EHB 307E	Communication I	6		6th Sem.Comp. Elect.I(MT)	5-6
KON 313E	Feedback Control Systems	6		6th Sem. Comp. Elect.II (MT)	5-6
EHB 334E	Random Signals and Noise	6		6thSm.Comp.Elct.III(MT)-Design	6
	5th Sem. Comp. Elect. I (MT)	5-6		6thSm.Comp.Elct.IV(MT)-Design	6
	5th Sem. Comp. Elect. II (MT)	5-6		6th Sem.Elect.Course (SNT)	4
Total		33/35	Total		29/31
FOURTH YEAR (Taken at ITU)					
Fall Semester			Spring Semester		
Code	Title	Credits (ECTS)	Code	Title	Credits (ECTS)
EHB 4901E	Elect.&Comm. Eng. Design I	8,5	EHB 4902E	Elect.&Comm. Eng. Design II	12
ATA 121	Atatürk's Principles and History of Turkish Revolution I	2	ATA 122	Atatürk's Principles and History of Turkish Revolution II	2
TUR 121	Turkish I	2	TUR 122	Turkish II	2
	7th Sem.Elect.Course I (MT)	6		8th Sem.Elect.Course I (MT)	6
	7th Sem.Elect.Course II (MT)	6		8thSem.Elect.CrsII (MT)Faculty	6
	7thSm.Elct.Crs.III(MT)-Faculty	6		8th Sem.Elect.Course (ITB)	0/4
Total		30,5	Total		28 – 32