

studia: I stopnia							STACJONARNE							kierunek: Electronic and Computer Engineering - EAC od 2021/2022																				
sem. 1		sem. 2		sem. 3		sem. 4		sem. 5		sem. 6		sem. 7																						
W	C	L	P	S	W	C	L	P	S	W	C	L	P	S	W	C	L	P	S	W	C	L	P	S	W	C	L	P	S	W	C	L	P	S
					Electronic Components and Sensors (GK) E 8 W12EAC-SI0009 3 1 2 0 0																													
					Electronics (GK) E 8 W12EAC-SI0003 3 3 2 0 0					Electronic Technology (GK) E 5 W12EAC-SI0005 2 0 2 0 0					Electronic circuits (GK) E 8 W12EAC-SI0011 2 0 2 2 0					Optional course 3 6 EAC-SI00701BK 19 0 10 2 5														
Metrology (GK) E 4 W12EAC-SI0001 1 1 2 0 0					Object oriented programming (GK) E 5 W12EAC-SI0004 2 0 2 0 0					Scientific and Engineering programming (GK) E 5 W12EAC-SI0006 2 0 2 0 0					Programming Systems and Environments (GK) E 4 W12EAC-SI0012 2 0 2 0 0					Internship 6 W12EAC-SI0017														
Introduction to Programming (GK) E 8 W12EAC-SI0002 2 0 3 0 0					Math - Analysis 2 (GK) E 5 W13EAC-SI1510 2 2 0 0 0					Python (GK) E 3 W12EAC-SI0010 1 1 0 0 0					Fundamentals of Telecommunication (GK) E 4 W04EAC-SI0002 2 0 2 0 0					Final project 12 W12EAC-SI0019 12														
Math - Algebra (GK) E 8 W13EAC-SI1654 2 2 0 0 0					Math for Electronics (GK) E 4 W13EAC-SI1512 2 2 0 0 0					Physics for Electronics (GK) E 6 W12EAC-SI0008 2 2 0 0 0					Introduction to Microcontrollers (GK) E 8 W12EAC-SI0014 3 0 2 1 0					Optional course 1 21 EAC-SI00501BK 11 0 7 5 2					Optional course 2 E 21 EAC-SI00601BK 10 0 9 4 2					Diploma Seminar 3 W12EAC-SI0018 0 0 0 0 2				
Math - Analysis 1 (GK) E 8 W13EAC-SI1653 2 2 0 0 0					Physics (GK) E 6 W11EAC-SI1127 2 0 2 0 0					Foreign language 3 SJO-SI0004 0 4 0 0 0					Introduction to Automation (GK) E 3 W04EAC-SI0001 2 0 1 0 0					Computer Networks (GK) E 4 W04EAC-SI0003 2 0 2 0 0					Electroacoustics (GK) E 4 W12EAC-SI0016 2 0 2 0 0					Copyright 2 W08EAC-SI0002 2 0 0 0 0				
Philosophy 2 W08EAC-SI0001 2 0 0 0 0					Foreign language 2 SJO-SI0003 0 4 0 0 0					Sport 3 SWF-S00000 0 4 0 0 0					Introduction to Robotics (GK) E 3 W12EAC-SI0013 2 0 1 0 0					Microcontrollers (GK) E 5 W12EAC-SI0015 2 0 2 1 0					Team and preengineering 5 W04EAC-SI0004 0 0 3 0 0					Entrepreneurship 1 W08EAC-SI0003 2 0 0 0 0				
sem. 1					sem. 2					sem. 3					sem. 4					sem. 5					sem. 6					sem. 7				
30 ECTS 30 0 0 0 0					30 ECTS 28 2 0 0 0					30 ECTS 27 3 0 0 0					30 ECTS 30 0 0 0 0					30 ECTS 30 0 0 0 0					30 ECTS 25 0 5 0 0					30 ECTS 15 0 12 0 3				
19 I.godz. 9 5 5 0 0					28 I.godz. 11 11 6 0 0					28 I.godz. 10 12 6 0 0					26 I.godz. 13 0 10 3 0					34 I.godz. 15 0 11 6 2					32 I.godz. 12 0 14 4 2					54 I.godz. 23 0 22 2 7				

razem	W	C	L	P	S	ECTS	210
	93	28	74	15	11		

sem. 5	
Optional course 1 EAC-SI00501BK	
Wireless systems (GK) 7 W04EAC-SI0005 3 0 2 0 0	
Optoelectronics (GK) 7 W12EAC-SI0023 2 0 0 2 1	
Artificial Intelligence and Computer Vision (GK) 7 W12EAC-SI0022 2 0 2 1 0	
Advanced Topics in Robotics (GK) 7 W12EAC-SI0021 2 0 0 2 1	
Digital Signal Processing (GK) 7 W12EAC-SI0020 2 0 3 0 0	

sem. 6	
Optional course 2 EAC-SI00601BK	
Communications systems and networks (GK) 7 W04EAC-SI0006 2 0 2 0 1	
Lasers, Fibers and Applications (GK) 7 W12EAC-SI0027 2 0 2 0 1	
Real Time Operating Systems (GK) 7 W12EAC-SI0026 2 0 0 3 0	
Embedded Systems (GK) 7 W12EAC-SI0025 2 0 2 1 0	
Control Systems Engineering (GK) 7 W12EAC-SI0024 2 0 3 0 0	

sem. 7	
Optional course 3 EAC-SI00701BK	
Machine Learning (GK) 3 W12EAC-SI0032 1 0 0 2 0	
Virtualization and Cloud Computing (GK) 3 W04EAC-SI0008 1 0 2 0 0	
Electronics for Renewable Energy Sources (GK) 3 W12EAC-SI0031 2 0 0 0 1	
Medical Electronics (GK) 3 W12EAC-SI0029 2 0 0 0 1	
Electrotechnics (GK) 3 W12EAC-SI0028 2 0 1 0 0	

sem. 7	
Optional course 3 EAC-SI00701BK	
Selected Topics in Artificial Intelligence (GK) 3 W12EAC-SI0033 2 0 1 0 0	
Ultrasonic Technology (GK) 3 W12EAC-SI0034 1 0 2 0 0	
Speech communication (GK) 3 W12EAC-SI0035 2 0 1 0 0	
Introduction to Radar Technology (GK) 3 W04EAC-SI0010 2 0 0 0 1	

przedmioty kształcenia podstawowego/ogólnego
przedmioty kierunkowe
bloki przedmiotów wybieralnych
przedmioty kształcenia wybieralne/specjalnościowe
Języki obce i zajęcia sportowe