

Faculty of Electronics, Photonics and Microsystems  
 Education level: second-level studies  
 Main field of studies: Control Engineering and Robotics  
 Specialization: Embedded Robotics

AER

In effect since 2022/23

**Plan of studies structure in hourly layout**

	I	II	III
26			
25	Artificial Intelligence and Machine Learning W12AIR-SM0702 20020		
24			
23			
22		Robotic programming environments W12AIR-SM0724 10200 E	Advanced robot control W12AIR-SM0717 10100
21	Embedded Systems W12AIR-SM0703 20200		Task and motion planning W12AIR-SM0714 20001
20			
19		Event-based control W12AIR-SM0725 10010	
18			
17	Applied Logic W12AIR-SM0720 21000	*Contr. theory for Emb. Syst. W12AIR-SM0709 10100	Social robots W12AIR-SM0715 10100
16			
15		Sensors and actuators W12AIR-SM0707 10100	Master thesis W12AIR-SM0719D 10h
14	Artificial neural networks W12AIR-SM0721 10010		
13		Mobile robotics W12AIR-SM0726 10200 E	
12	Intell. systems' virtualization and process automatization W12AIR-SM0722 10020 E		
11		Intermediate project W12AIR-SM0713P 00020	
10	Control Theory W12AIR-SM0723 21100 E		
9		**Th. and Meth. of Optimiz. W12AIR-SM0708 11000	
8		Modeling and Identification W12AIR-SM0711 20200	
7			
6	Physics W11W12-SM0100W 10000		Diploma seminar W12AIR-SM0718S 00002
5	Foreign language B2+ 01000		
4	Foreign language (or Polish) A1 03000		Soc Comm W08W12-SM0002S 00001
3		Specialization seminar W12AIR-SM0706S 00002	Entrepreneurship W08AIR-SM0030 10001
2			
1			

\*Control theory for Embedded Systems

\*\*Theory and Methods of Optimization

Chairwoman of the Specialization Program Committee

Chairwoman of the Main field of studies Program Committee

Dean

.....  
 D.Sc., Eng. Elżbieta Roszkowska, Assoc. Prof.

.....  
 D.Sc., Eng. Alicja Mazur, Assoc. Prof.

.....  
 Prof. D.Sc., Eng. Rafał Walczak

Faculty of Electronics, Photonics and Microsystems  
 Education level: second-level studies  
 Main field of studies: Control Engineering and Robotics  
 Specialization: Embedded Robotics

AER

Obowiązuje od :  
 In effect since 2022/23

**Plan of studies structure in ECTS point layout**

	<b>I</b>	<b>II</b>	<b>III</b>	
30	Artificial Intelligence and Machine Learning <b>5</b>	Robotic programming environments <b>4</b>	Advanced robot control <b>2</b>	
29			Event-based control <b>3</b>	Task and motion planning <b>3</b>
28		Control theory for Embedded Systems <b>3</b>		Social robots <b>2</b>
27				Master thesis <b>15</b>
26				
25	Applied Logic <b>4</b>		Sensors and actuators <b>3</b>	
24		Mobile robotics <b>4</b>		
23	Artificial neural networks <b>3</b>			
22			Intermediate project <b>3</b>	
21		Theory and Methods of Optimization <b>3</b>		
20			Control Theory <b>5</b>	
19	Diploma seminar <b>3</b>			
18		Social Communication <b>2</b>		
17				
16	Physics <b>1</b>			
15		Foreign language B2+ <b>1</b>		
14	Specialization seminar <b>2</b>			
13		Intell. systems' virtualization and process automatization <b>4</b>		
12				
11	Foreign language (or Polish) A1 <b>2</b>			
10				
9	Control Theory <b>5</b>	Theory and Methods of Optimization <b>3</b>	Diploma seminar <b>3</b>	
8				Modeling and Identification <b>5</b>
7	Social Communication <b>2</b>			
6		Entrepreneurship <b>3</b>		
5	Physics <b>1</b>			
4		Foreign language B2+ <b>1</b>		
3	Specialization seminar <b>2</b>			
2		Foreign language (or Polish) A1 <b>2</b>		
1				

Chairwoman of the Specialization Program Committee

Chairwoman of the Main field of studies Program Committee

Dean

.....  
 D.Sc., Eng. Elżbieta Roszkowska, Assoc. Prof.

.....  
 D.Sc., Eng. Alicja Mazur, Assoc. Prof.

.....  
 Prof. D.Sc., Eng. Rafał Walczak