Macierz efektów kształcenia

Wydział: Wydział Chemiczny
Nazwa kierunku: Zielone Technologie i Monitoring / Green Technology and Monitoring
Poziom kształcenia: I stopnia - inżynierskie
Profil kształcenia: ogólnoakademicki
Rodzaj uzyskanych kwalifikacji: kwalifikacje pierwszego stopnia

						Efekty Kształcenia																												Suma
Kurs	Nazwa przedmiotu	Kod eDziekanat	Kod PK	Semestr	Grupy zajęć	K6_W01	K6_W02	K6_W03	K6_W04	K6_W05	K6_W06	K6_W21	K6_W81	K6_W91	K6_U01	K6_U02	K6_U03	K6_U04	K6_U05	K6_U21	K6_U81	K6_U82	K6_U91	K6_K01	K6_K02	K6_K03	K6_K04	K6_K05	K6_K06	K6_K81	K6_K82	K6_K91	
GTM	Theory of machines and engineering graphics	PG_00037543	PG_00037543	1	A	X											X										X							3
GTM	Sport	PG_00037544	PG_00037544	1	A									X									X										X	3
GTM	Mathematics	PG_00037545	PG_00037545	1	A	X											X							X										3
GTM	Physics	PG_00037546	PG_00037546	1	A	X													X						X									3
GTM	Inorganic chemistry	PG_00037547	PG_00037547	1	A		X												X															2
GTM	Computer science	PG_00037548	PG_00037548	1	A												X												X					2
GTM	Introduction to environmental science and ecology	PG_00037542	PG_00037542	1	A C			X										X											X					3
GTM	Mathematics	PG_00037549	PG_00037549	2	A	X											X							X										3
GTM	English	PG_00037550	PG_00037550	2	A								X								X	X								X	X			5
GTM	Sport	PG_00037551	PG_00037551	2	A									X									X										X	3
GTM	Physics	PG_00037552	PG_00037552	2	A	X													X						X									3
GTM	Inorganic chemistry	PG_00037553	PG_00037553	2	A		X												X															2
GTM	Environmental biology	PG_00037590	PG_00037590	2	B D				X									X																2
GTM	Economy and management	PG_00037604	PG_00037604	2	C					X								X									X	X						4
GTM	Ecology and environmental protection	PG_00037605	PG_00037605	2	C				X																				X					2
GTM	Mathematics	PG_00037554	PG_00037554	3	A	X											X							X										3
GTM	Baltic foreign language	PG_00037555	PG_00037555	3	A								X								X	X								X	X			5
GTM	Sport	PG_00037556	PG_00037556	3	A									X									X										X	3
GTM	Organic chemistry	PG_00037557	PG_00037557	3	A		X								X																			2
GTM	Environmental policy	PG_00037559	PG_00037559	3	A C					X								X							X									3
GTM	Physical chemistry	PG_00037558	PG_00037558	3	A D		X										X																	2
GTM	Environmental chemistry	PG_00037591	PG_00037591	3	B D		X	X										X																3
GTM	Geology and hydrology	PG_00037564	PG_00037564	4	A			X											X															2
GTM	Baltic foreign language	PG_00037566	PG_00037566	4	A								X								X	X								X	X			5
GTM	Organic chemistry	PG_00037560	PG_00037560	4	A D		X								X																			2
GTM	Physical chemistry	PG_00037561	PG_00037561	4	A D		X										X																	2
GTM	Microbiology	PG_00037562	PG_00037562	4	A D				X									X																2
GTM	Methods of structural studies	PG_00037563	PG_00037563	4	A D	X	X										X																	3
GTM	Process engineering and chemical equipment	PG_00037592	PG_00037592	4	B D						X								X					X										3
GTM	Baltic foreign language	PG_00037577	PG_00037577	5	A								X								X	X								X	X			5
GTM	Civilization threats and sustainable development	PG_00037569	PG_00037569	5	A D					X																X		X	X					4
GTM	Computer aided design	PG_00037573	PG_00037573	5	A D				X								X	X																3
GTM	Fundamentals of thermodynamics and heat transfer	PG_00037574	PG_00037574	5	A D	X					X						X																	3
GTM	Automatics and control of technical processes	PG_00037575	PG_00037575	5	A D						X						X									X								3
GTM	Basis of chemical technology	PG_00037576	PG_00037576	5	A D			X								X																		2
GTM	Analytical chemistry	PG_00037593	PG_00037593	5	B D		X									X			X															3
GTM	Environmental remediation technologies	PG_00037578	PG_00037578	6	A D			X	X							X																		3
GTM	Physical and chemical basis of energy generation	PG_00037579	PG_00037579	6	A D	X													X						X									3
GTM	Biochemistry	PG_00037580	PG_00037580	6	A D				X								X																	2
GTM	Waste management and waste disposal	PG_00037581	PG_00037581	6	A D			X										X							X									3
GTM	Green inorganic technologies	PG_00037582	PG_00037582	6	A D		X											X																2
GTM	Wastewater and water quality control	PG_00037583	PG_00037583	6	A D			X	X										X							X								4
GTM	Practice	PG_00037584	PG_00037584	6	B																			X	X	X	X	X	X					6
GTM	Air purification technologies	PG_00037594	PG_00037594	6	B D			X								X	X		X															4
GTM	Ecotoxicology	PG_00037585	PG_00037585	7	A D				X								X																	2
GTM	Green organic technologies	PG_00037586	PG_00037586	7	A D		X									X																		2
GTM	Technological project	PG_00037587	PG_00037587	7	A D										X	X			X						X									4
GTM	Environmental monitoring	PG_00037588	PG_00037588	7	A D			X										X																2
GTM	Environmentrics	PG_00037589	PG_00037589	7	A D	X											X																	2
GTM	Meteorology and climatology	PG_00037597	PG_00037597	7	B												X		X															2
GTM	Environmental aspect of nanoparticles	PG_00038674	PG_00038674	7	B													X						X					X					3
GTM	Engineer diploma thesis	PG_00037595	PG_00037595	7	B D												X									X			X					3
GTM	Water treatment for consumption and industrial processes	PG_00037596	PG_00037596	7	B D				X										X															2
GTM	Management of Baltic ecosystem	PG_00037598	PG_00037598	7	B D				X									X										X	X					4
GTM	Ecological aspects of polymer package recycling	PG_00037599	PG_00037599	7	B D			X										X																2
GTM	Hydratation of molecules and molecular interactions	PG_00037601	PG_00037601	7	B D	X											X																	2
GTM	Separation techniques	PG_00037602	PG_00037602	7	B D	X										X			X															3
GTM	Food quality	PG_00037603	PG_00037603	7	B D					X																		X						2
GTM 2+2	Theory of machines and engineering graphics	PG_00037543	PG_00037543	5	A	X											X										X							3
GTM 2+2	Polish culture, history and heritage	PG_00037606	PG_00037606	5	A								X								X	X								X	X			5
GTM 2+2	English	PG_00037607	PG_00037607	5	A								X								X	X								X	X			5
GTM 2+2	Polish	PG_00037608	PG_00037608	5	A								X								X	X								X	X			5
GTM 2+2	Basis of chemical technology	PG_00037576	PG_00037576	5	A D			X								X																		2
GTM 2+2	Physical chemistry	PG_00037558	PG_00037558	5	A D		X										X																	2
GTM 2+2	Environmental chemistry	PG_00037591	PG_00037591	5	B D		X	X										X																3
GTM 2+2	Polish	PG_00037609	PG_00037609	6	A								X								X	X								X	X			5
GTM 2+2	English	PG_00037610	PG_00037610	6	A								X								X	X								X	X			5
GTM 2+2	Physical chemistry	PG_00037561	PG_00037561	6	A D		X										X																	2
GTM 2+2	Microbiology	PG_00037562	PG_00037562	6	A D				X									X																2
GTM 2+2	Biochemistry	PG_00037580	PG_00037580	6	A D				X								X																	2
GTM 2+2	Waste management and waste disposal	PG_00037581	PG_00037581	6	A D			X										X							X									3
GTM 2+2	Process engineering and chemical equipment	PG_00037592	PG_00037592	6	B D						X								X					X										3
GTM 2+2	Polish	PG_00037611	PG_00037611	7	A								X								X	X								X	X			5
GTM 2+2	Environmental policy	PG_00037559	PG_00037559	7	A C					X								X							X									3
GTM 2+2	Ecotoxicology	PG_00037585	PG_00037585	7	A D				X								X																	2
GTM 2+2	Green organic technologies	PG_00037586	PG_00037586	7	A D		X									X																		2
GTM 2+2	Environmental monitoring	PG_00037588	PG_00037588	7	A D			X										X																2
GTM 2+2	Environmentrics	PG_00037589	PG_00037589	7	A D	X											X																	2
GTM 2+2	Civilization threats and sustainable development	PG_00037569	PG_00037569	7	A D					X																X		X	X					4
GTM 2+2	Computer aided design	PG_00037573	PG_00037573	7	A D				X								X	X																3
GTM 2+2	Fundamentals of thermodynamics and heat transfer	PG_00037574	PG_00037574	7	A D	X					X						X																	3
GTM 2+2	Technological project	PG_00037587	PG_00037587	7	A D										X	X			X						X									4
GTM 2+2	Meteorology and climatology	PG_00037597	PG_00037597	7	B												X		X															2
GTM 2+2	Environmental aspect of nanoparticles	PG_00038674	PG_00038674	7	B													X						X					X					3
GTM 2+2	Water treatment for consumption and industrial processes	PG_00037596	PG_00037596	7	B D				X										X															2
GTM 2+2	Management of Baltic ecosystem	PG_00037598	PG_00037598	7	B D				X									X										X	X					4
GTM 2+2	Ecological aspects of polymer package recycling	PG_00037599	PG_00037599	7	B D			X										X																2
GTM 2+2	Hydratation of molecules and molecular interactions	PG_00037601	PG_00037601	7	B D	X											X																	2
GTM 2+2	Separation techniques	PG_00037602	PG_00037602	7	B D	X										X			X															3
GTM 2+2	Food quality	PG_00037603	PG_00037603	7	B D					X																		X						2
GTM 2+2	Physical and chemical basis of energy generation	PG_00037579	PG_00037579	8	A D	X													X						X									3
GTM 2+2	Waste management and waste disposal	PG_00037581	PG_00037581	8	A D			X										X							X									3
GTM 2+2	Environmental remediation technologies	PG_00037578	PG_00037578	8	A D			X	X							X																		3
GTM 2+2	Green inorganic technologies	PG_00037582	PG_00037582	8	A D		X											X																2
GTM 2+2	Wastewater and water quality control	PG_00037583	PG_00037583	8	A D			X	X										X							X								4
GTM 2+2	Engineer diploma thesis	PG_00037595	PG_00037595	8	B D												X									X			X					3
GTM-IAC	Theory of machines and engineering graphics	PG_00037543	PG_00037543	1	A	X											X										X							3
GTM-IAC	Sport	PG_00037544	PG_00037544	1	A									X									X										X	3
GTM-IAC	Mathematics	PG_00037545	PG_00037545	1	A	X											X							X										3
GTM-IAC	Physics	PG_00037546	PG_00037546	1	A	X													X						X									3
GTM-IAC	Inorganic chemistry	PG_00037547	PG_00037547	1	A		X												X															2
GTM-IAC	Computer science	PG_00037548	PG_00037548	1	A												X												X					2
GTM-IAC	Introduction to environmental science and ecology	PG_00037542	PG_00037542	1	A C			X										X											X					3
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP I	IACP1.1	PG_00035426	1	B D							X								X														2
GTM-IAC	Mathematics	PG_00037549	PG_00037549	2	A	X											X							X										3

GTM-IAC	English	PG_00037550	PG_00037550	2	A								X								X	X								X	X		5
GTM-IAC	Sport	PG_00037551	PG_00037551	2	A									X									X									X	3
GTM-IAC	Physics	PG_00037552	PG_00037552	2	A	X													X						X								3
GTM-IAC	Inorganic chemistry	PG_00037553	PG_00037553	2	A		X												X														2
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP II	IACP2.2	PG_00035529	2	B D							X								X													2
GTM-IAC	Environmental biology	PG_00037590	PG_00037590	2	B D				X									X															2
GTM-IAC	Economy and management	PG_00037604	PG_00037604	2	C					X								X									X	X					4
GTM-IAC	Ecology and environmental protection	PG_00037605	PG_00037605	2	C				X																				X				2
GTM-IAC	Mathematics	PG_00037554	PG_00037554	3	A	X											X							X								3
GTM-IAC	Baltic foreign language	PG_00037555	PG_00037555	3	A								X								X	X								X	X		5
GTM-IAC	Sport	PG_00037556	PG_00037556	3	A									X									X									X	3
GTM-IAC	Organic chemistry	PG_00037557	PG_00037557	3	A		X								X																		2
GTM-IAC	Environmental policy	PG_00037559	PG_00037559	3	A C					X								X							X								3
GTM-IAC	Physical chemistry	PG_00037558	PG_00037558	3	A D		X										X																2
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP III	IACP3.3	PG_00035531	3	B D							X								X													2
GTM-IAC	Environmental chemistry	PG_00037591	PG_00037591	3	B D		X	X										X															3
GTM-IAC	Geology and hydrology	PG_00037564	PG_00037564	4	A			X											X														2
GTM-IAC	Baltic foreign language	PG_00037566	PG_00037566	4	A								X								X	X								X	X		5
GTM-IAC	Organic chemistry	PG_00037560	PG_00037560	4	A D		X								X																		2
GTM-IAC	Physical chemistry	PG_00037561	PG_00037561	4	A D		X										X																2
GTM-IAC	Microbiology	PG_00037562	PG_00037562	4	A D				X									X															2
GTM-IAC	Methods of structural studies	PG_00037563	PG_00037563	4	A D	X	X										X																3
GTM-IAC	Process engineering and chemical equipment	PG_00037592	PG_00037592	4	B D						X								X					X									3
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP IV	IACP4.4	PG_00035532	4	B D							X								X													2
GTM-IAC	Baltic foreign language	PG_00037577	PG_00037577	5	A								X								X	X								X	X		5
GTM-IAC	Civilization threats and sustainable development	PG_00037569	PG_00037569	5	A D					X																X		X	X				4
GTM-IAC	Computer aided design	PG_00037573	PG_00037573	5	A D				X								X	X															3
GTM-IAC	Fundamentals of thermodynamics and heat transfer	PG_00037574	PG_00037574	5	A D	X					X						X																3
GTM-IAC	Automatics and control of technical processes	PG_00037575	PG_00037575	5	A D						X						X									X							3
GTM-IAC	Basis of chemical technology	PG_00037576	PG_00037576	5	A D			X								X																	2
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP V	IACP5.5	PG_00035533	5	B D							X								X													2
GTM-IAC	Analytical chemistry	PG_00037593	PG_00037593	5	B D		X									X			X														3
GTM-IAC	Environmental remediation technologies	PG_00037578	PG_00037578	6	A D			X	X							X																	3
GTM-IAC	Physical and chemical basis of energy generation	PG_00037579	PG_00037579	6	A D	X													X						X								3
GTM-IAC	Biochemistry	PG_00037580	PG_00037580	6	A D				X								X																2
GTM-IAC	Waste management and waste disposal	PG_00037581	PG_00037581	6	A D			X										X							X								3
GTM-IAC	Green inorganic technologies	PG_00037582	PG_00037582	6	A D		X											X															2
GTM-IAC	Wastewater and water quality control	PG_00037583	PG_00037583	6	A D			X	X										X							X							4
GTM-IAC	Practice	PG_00037584	PG_00037584	6	B																			X	X	X	X	X	X				6
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP VI	IACP6.6	PG_00035534	6	B D							X								X													2
GTM-IAC	Air purification technologies	PG_00037594	PG_00037594	6	B D			X								X	X		X														4
GTM-IAC	PRZEDMIOT FAKULTATYWNY IACP VII	IACP7.7	PG_00035535	7	B D							X								X													2
GTM-IAC	Ecotoxicology	PG_00037585	PG_00037585	7	A D				X								X																2
GTM-IAC	Green organic technologies	PG_00037586	PG_00037586	7	A D		X									X																	2
GTM-IAC	Technological project	PG_00037587	PG_00037587	7	A D										X	X			X						X								4
GTM-IAC	Environmental monitoring	PG_00037588	PG_00037588	7	A D			X										X															2
GTM-IAC	Environmentrics	PG_00037589	PG_00037589	7	A D	X											X																2
GTM-IAC	Meteorology and climatology	PG_00037597	PG_00037597	7	B												X		X														2
GTM-IAC	Environmental aspect of nanoparticles	PG_00038674	PG_00038674	7	B													X						X					X				3
GTM-IAC	Engineer diploma thesis	PG_00037595	PG_00037595	7	B D												X									X			X				3
GTM-IAC	Water treatment for consumption and industrial processes	PG_00037596	PG_00037596	7	B D				X										X														2
GTM-IAC	Management of Baltic ecosystem	PG_00037598	PG_00037598	7	B D				X									X										X	X				4
GTM-IAC	Ecological aspects of polymer package recycling	PG_00037599	PG_00037599	7	B D			X										X															2
GTM-IAC	Hydratation of molecules and molecular interactions	PG_00037601	PG_00037601	7	B D	X											X																2
GTM-IAC	Separation techniques	PG_00037602	PG_00037602	7	B D	X										X			X														3
GTM-IAC	Food quality	PG_00037603	PG_00037603	7	B D					X																		X					2
ZTM	Matematyka	PG_00036249	PG_00036249	1	A	X											X							X									3
ZTM	Fizyka	PG_00036250	PG_00036250	1	A	X													X						X								3
ZTM	Chemia nieorganiczna	PG_00036251	PG_00036251	1	A		X												X														2
ZTM	Informatyka i obróbka danych	PG_00036252	PG_00036252	1	A												X												X				2
ZTM	Maszynoznawstwo i rysunek techniczny	PG_00036254	PG_00036254	1	A	X											X										X						3
ZTM	Wychowanie fizyczne	PG_00036255	PG_00036255	1	A									X									X									X	3
ZTM	Wstęp do wiedzy o środowisku i ekologii	PG_00036253	PG_00036253	1	A C			X										X											X				3
ZTM	Matematyka	PG_00036256	PG_00036256	2	A	X											X							X									3
ZTM	Fizyka	PG_00036257	PG_00036257	2	A	X													X						X								3
ZTM	Chemia nieorganiczna	PG_00036258	PG_00036258	2	A		X												X														2
ZTM	Język Angielski	PG_00036261	PG_00036261	2	A								X								X	X								X	X		5
ZTM	Wychowanie fizyczne	PG_00036263	PG_00036263	2	A									X									X									X	3
ZTM	Biologia środowiska	PG_00036262	PG_00036262	2	B D				X									X															2
ZTM	Zarządzanie i ekonomia	PG_00036259	PG_00036259	2	C					X								X									X	X					4
ZTM	Ekologia i ochrona środowiska	PG_00036260	PG_00036260	2	C				X																				X				2
ZTM	Matematyka	PG_00036264	PG_00036264	3	A	X											X							X									3
ZTM	Język krajów nadbałtyckich	PG_00036269	PG_00036269	3	A								X								X	X								X	X		5
ZTM	Wychowanie fizyczne	PG_00036270	PG_00036270	3	A									X									X									X	3
ZTM	Chemia organiczna	PG_00036271	PG_00036271	3	A		X								X																		2
ZTM	Przepisy prawne w ochronie środowiska	PG_00036266	PG_00036266	3	A C					X								X							X								3
ZTM	Chemia fizyczna	PG_00036267	PG_00036267	3	A D		X										X																2
ZTM	Chemia środowiska	PG_00036268	PG_00036268	3	B D		X	X										X															3
ZTM	Geologia i hydrologia	PG_00036276	PG_00036276	4	A			X											X														2
ZTM	Język krajów nadbałtyckich	PG_00036278	PG_00036278	4	A								X								X	X								X	X		5
ZTM	Chemia organiczna	PG_00036272	PG_00036272	4	A D		X								X																		2
ZTM	Chemia fizyczna	PG_00036273	PG_00036273	4	A D		X										X																2
ZTM	Mikrobiologia	PG_00036274	PG_00036274	4	A D				X									X															2
ZTM	Metody badań strukturalnych	PG_00036275	PG_00036275	4	A D	X	X										X																3
ZTM	Inżynieria i aparatura procesowa	PG_00036277	PG_00036277	4	B D						X								X					X									3
ZTM	Język krajów nadbałtyckich	PG_00036290	PG_00036290	5	A								X								X	X								X	X		5
ZTM	Automatyka i kontrola procesów technologicznych	PG_00036284	PG_00036284	5	A D						X						X									X							3
ZTM	Podstawy technologii chemicznej	PG_00036285	PG_00036285	5	A D			X								X																	2
ZTM	Zagrożenia cywilizacyjne i zrównoważony rozwój	PG_00036286	PG_00036286	5	A D					X																X		X	X				4
ZTM	Komputerowe wspomaganie projektowania	PG_00036287	PG_00036287	5	A D				X								X	X															3
ZTM	Podstawy termodynamiki i przepływu ciepła	PG_00036288	PG_00036288	5	A D	X					X						X																3
ZTM	Chemia analityczna	PG_00036289	PG_00036289	5	B D		X									X			X														3
ZTM	Fizyczne i chemiczne podstawy generowania energii	PG_00036291	PG_00036291	6	A D	X													X						X								3
ZTM	Biochemia	PG_00036292	PG_00036292	6	A D				X								X																2
ZTM	Gospodarka odpadami i utylizacja odpadów komunalnych	PG_00036293	PG_00036293	6	A D			X										X							X								3
ZTM	Technologie remediacji środowiska	PG_00036294	PG_00036294	6	A D			X	X							X																	3
ZTM	Zielone technologie nieorganiczne	PG_00036295	PG_00036295	6	A D		X											X															2
ZTM	Prawne i techniczne metody ochrony wody	PG_00036297	PG_00036297	6	A D			X	X										X							X							4
ZTM	Praktyka zawodowa	PG_00036299	PG_00036299	6	B																			X	X	X	X	X	X				6
ZTM	Technologie oczyszczania powietrza	PG_00036298	PG_00036298	6	B D			X								X	X		X														4
ZTM	Ekotoksykologia	PG_00036300	PG_00036300	7	A D				X								X																2
ZTM	Monitoring środowiska	PG_00036301	PG_00036301	7	A D			X										X															2
ZTM	Chemometria w naukach o środowisku	PG_00036302	PG_00036302	7	A D	X											X																2
ZTM	Zielone technologie organiczne	PG_00036303	PG_00036303	7	A D		X									X																	2
ZTM	Projekt technologiczny	PG_00036304	PG_00036304	7	A D										X	X			X						X								4
ZTM	Meteorologia i klimatologia	PG_00036311	PG_00036311	7	B												X		X														2
ZTM	Środowiskowe aspekty nanocząstek	PG_00038675	PG_00038675	7	B													X						X					X				3
ZTM	Projekt dyplomowy inżynierski	PG_00036306	PG_00036306	7	B D												X									X			X				3
ZTM	Ekologiczne aspekty recyklingu opakowań polimerowych	PG_00036309	PG_00036309	7	B D			X										X															2
ZTM	Zarządzanie ekosystemem Morza Bałtyckiego	PG_00036310	PG_00036310	7	B D				X									X										X	X				4
ZTM	Uzdatnianie wody do celów spożywczych i przemysłowych	PG_00036312	PG_00036312	7	B D				X										X														2
ZTM	Jakość żywności	PG_00036313	PG_00036313	7	B D					X																		X					2
ZTM	Techniki separacyjne	PG_00036314	PG_00036314	7	B D	X										X			X														3
ZTM	Hydratacja i oddziaływania międzycząsteczkowe	PG_00036315	PG_00036315	7	B D	X											X																2
ZTM_	Język krajów nadbałtyckich	PG_00036278	PG_00036278	4	A								X								X	X								X	X		5
ZTM-IAC	Matematyka	PG_00036249	PG_00036249	1	A	X											X							X									3
ZTM-IAC	Fizyka	PG_00036250	PG_00036250	1	A	X													X						X								3

ZTM-IAC	Chemia nieorganiczna	PG_00036251	PG_00036251	1	A		X												X														2
ZTM-IAC	Informatyka i obróbka danych	PG_00036252	PG_00036252	1	A												X											X					2
ZTM-IAC	Maszynoznawstwo i rysunek techniczny	PG_00036254	PG_00036254	1	A	X											X									X							3
ZTM-IAC	Wychowanie fizyczne	PG_00036255	PG_00036255	1	A									X									X									X	3
ZTM-IAC	Wstep do wiedzy o środowisku i ekologii	PG_00036253	PG_00036253	1	A C			X										X										X					3
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP I	IACP1.1	PG_00035426	1	B D						X								X														2
ZTM-IAC	Matematyka	PG_00036256	PG_00036256	2	A	X											X							X									3
ZTM-IAC	Fizyka	PG_00036257	PG_00036257	2	A	X													X						X								3
ZTM-IAC	Chemia nieorganiczna	PG_00036258	PG_00036258	2	A		X												X														2
ZTM-IAC	Język angielski	PG_00036261	PG_00036261	2	A							X									X	X								X	X		5
ZTM-IAC	Wychowanie fizyczne	PG_00036263	PG_00036263	2	A									X									X									X	3
ZTM-IAC	Biologia środowiska	PG_00036262	PG_00036262	2	B D				X									X															2
ZTM-IAC	Zarządzanie i ekonomia	PG_00036259	PG_00036259	2	C					X								X									X	X					4
ZTM-IAC	Ekologia i ochrona środowiska	PG_00036260	PG_00036260	2	C				X																				X				2
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP II	IACP2.2	PG_00035529	2	B D						X									X													2
ZTM-IAC	Matematyka	PG_00036264	PG_00036264	3	A	X											X							X									3
ZTM-IAC	Język krajów nadbałtyckich	PG_00036269	PG_00036269	3	A							X								X	X									X	X		5
ZTM-IAC	Wychowanie fizyczne	PG_00036270	PG_00036270	3	A									X									X									X	3
ZTM-IAC	Chemia organiczna	PG_00036271	PG_00036271	3	A		X								X																		2
ZTM-IAC	Przepisy prawne w ochronie środowiska	PG_00036266	PG_00036266	3	A C					X								X							X								3
ZTM-IAC	Chemia fizyczna	PG_00036267	PG_00036267	3	A D		X										X																2
ZTM-IAC	Chemia środowiska	PG_00036268	PG_00036268	3	B D		X	X										X															3
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP III	IACP3.3	PG_00035531	3	B D						X									X													2
ZTM-IAC	Geologia i hydrologia	PG_00036276	PG_00036276	4	A			X											X														2
ZTM-IAC	Chemia organiczna	PG_00036272	PG_00036272	4	A D		X								X																		2
ZTM-IAC	Chemia fizyczna	PG_00036273	PG_00036273	4	A D		X										X																2
ZTM-IAC	Mikrobiologia	PG_00036274	PG_00036274	4	A D				X									X															2
ZTM-IAC	Metody badań strukturalnych	PG_00036275	PG_00036275	4	A D	X	X										X																3
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP IV	IACP4.4	PG_00035532	4	B D						X									X													2
ZTM-IAC	Inżynieria i aparatura procesowa	PG_00036277	PG_00036277	4	B D					X									X					X									3
ZTM-IAC	Język krajów nadbałtyckich	PG_00036290	PG_00036290	5	A							X									X	X								X	X		5
ZTM-IAC	Automatyka i kontrola procesów technologicznych	PG_00036284	PG_00036284	5	A D					X							X									X							3
ZTM-IAC	Podstawy technologii chemicznej	PG_00036285	PG_00036285	5	A D			X								X																	2
ZTM-IAC	Zagrożenia cywilizacyjne i zrównoważony rozwój	PG_00036286	PG_00036286	5	A D					X																X		X	X				4
ZTM-IAC	Komputerowe wspomaganie projektowania	PG_00036287	PG_00036287	5	A D				X								X	X															3
ZTM-IAC	Podstawy termodynamiki i przepływu ciepła	PG_00036288	PG_00036288	5	A D	X					X						X																3
ZTM-IAC	Chemia analityczna	PG_00036289	PG_00036289	5	B D		X									X			X														3
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP V	IACP5.5	PG_00035533	5	B D						X									X													2
ZTM-IAC	Fizyczne i chemiczne podstawy generowania energii	PG_00036291	PG_00036291	6	A D	X													X						X								3
ZTM-IAC	Biochemia	PG_00036292	PG_00036292	6	A D				X								X																2
ZTM-IAC	Gospodarka odpadami i utylizacja odpadów komunalnych	PG_00036293	PG_00036293	6	A D			X										X							X								3
ZTM-IAC	Technologie remediacji środowiska	PG_00036294	PG_00036294	6	A D			X	X							X																	3
ZTM-IAC	Zielone technologie nieorganiczne	PG_00036295	PG_00036295	6	A D		X											X															2
ZTM-IAC	Prawne i techniczne metody ochrony wody	PG_00036297	PG_00036297	6	A D			X	X										X							X							4
ZTM-IAC	Praktyka zawodowa	PG_00036299	PG_00036299	6	B																			X	X	X	X	X	X				6
ZTM-IAC	Technologie oczyszczania powietrza	PG_00036298	PG_00036298	6	B D			X								X	X		X														4
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP VI	IACP6.6	PG_00035534	6	B D						X									X													2
ZTM-IAC	Ekotoksykologia	PG_00036300	PG_00036300	7	A D				X								X																2
ZTM-IAC	Monitoring środowiska	PG_00036301	PG_00036301	7	A D			X										X															2
ZTM-IAC	Chemometria w naukach o środowisku	PG_00036302	PG_00036302	7	A D	X											X																2
ZTM-IAC	Zielone technologie organiczne	PG_00036303	PG_00036303	7	A D		X									X																	2
ZTM-IAC	Projekt technologiczny	PG_00036304	PG_00036304	7	A D										X	X			X						X								4
ZTM-IAC	Meteorologia i klimatologia	PG_00036311	PG_00036311	7	B												X		X														2
ZTM-IAC	Środowiskowe aspekty nanocząstek	PG_00038675	PG_00038675	7	B													X						X					X				3
ZTM-IAC	Projekt dyplomowy inżynierski	PG_00036306	PG_00036306	7	B D												X									X			X				3
ZTM-IAC	Ekologiczne aspekty recyklingu opakowań polimerowych	PG_00036309	PG_00036309	7	B D			X										X															2
ZTM-IAC	Zarządzanie ekosystemem Morza Bałtyckiego	PG_00036310	PG_00036310	7	B D				X									X										X	X				4
ZTM-IAC	Uzdatnianie wody do celów spożywczych i przemysłowych	PG_00036312	PG_00036312	7	B D				X										X														2
ZTM-IAC	Jakość żywności	PG_00036313	PG_00036313	7	B D					X																		X					2
ZTM-IAC	Techniki separacyjne	PG_00036314	PG_00036314	7	B D	X										X			X														3
ZTM-IAC	Hydratacja i oddziaływania międzycząsteczkowe	PG_00036315	PG_00036315	7	B D	X											X																2
ZTM-IAC	PRZEDMIOT FAKULTATYWNY IACP VII	IACP7.7	PG_00035535	7	B D						X									X													2
					Suma	54	49	48	48	19	14	14	22	12	13	33	83	63	63	14	22	22	12	26	33	23	13	23	36	22	22	12	
					Suma efektów w kategorii									280									325									210	