Macierz efektów kształcenia

Wydział	Wydział Fizyki Technicznej i Matematyki Stosowanej
Nazwa kierunku	Nanotechnologia
Poziom kształcenia	II stopnia
Profil kształcenia	ogólnoakademicki
Rodzaj uzyskanych kwalifikacji	kwalifikacje drugiego stopnia

						Efekty Kształcenia																												Suma
Kurs	Nazwa przedmiotu	Kod eDziekanat	Kod PK	Semestr	Grupy zajęć	K7_W01	K7_W02	K7_W03	K7_W04	K7_W05	K7_W06	K7_W07	K7_W09	K7_W71	K7_W81	K7_U01	K7_U02	K7_U03	K7_U05	K7_U06	K7_U07	K7_U10	K7_U71	K7_U81	K7_K03	K7_K04	K7_K09	K7_K71	K7_K81	
Nanostructures and computer simulations in material science (Specjalność)	Physics of materials	NAN2A001	PG_00036979	1	B D	X		X			X		X				X								X								6
Nanostructures and computer simulations in material science (Specjalność)	Introduction to quantum mechanics	NAN2A002	PG_00036980	1	B D		X	X					X							X	X												5
Nanostructures and computer simulations in material science (Specjalność)	Basics of nanophysics	NAN2A003	PG_00036981	1	B D		X						X														X						3
Nanostructures and computer simulations in material science (Specjalność)	Thermodynamics	NAN2A004	PG_00036982	1	B D				X				X							X													3
Nanostructures and computer simulations in material science (Specjalność)	General chemistry	NAN2A005	PG_00036983	1	B D				X			X																					2
Nanostructures and computer simulations in material science (Specjalność)	Synthesis methods of nanomaterials	NAN2A006	PG_00036984	1	B D		X		X										X														3
Nanostructures and computer simulations in material science (Specjalność)	Physical testing methods of materials	NAN2A007	PG_00036985	1	B D	X					X								X		X				X								5
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM2-WS1B-Specialist course 2		PG_M0000199	1	B D		X	X					X																				3
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM3-Humanities and social science course 1		PG_M0000200	1	C									X									X					X				3
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM1-WS1A-Specialist course 1		PG_M0000198	1	B D		X	X					X																				3
Nanostructures and computer simulations in material science (Specjalność)	Experimental nanotechnology	NAN2A008	PG_00036986	2	B D				X		X	X					X		X								X						6
Nanostructures and computer simulations in material science (Specjalność)	Magnetism: from fundamentals to spintronics	NAN2A009	PG_00036987	2	B D		X	X								X					X												4
Nanostructures and computer simulations in material science (Specjalność)	Nanochemistry	NAN2A010	PG_00036988	2	B D			X													X												2
Nanostructures and computer simulations in material science (Specjalność)	Microscopy methods in nanotechnology	NAN2A011	PG_00036989	2	B D			X	X								X		X														4
Nanostructures and computer simulations in material science (Specjalność)	Galsses and glass-nanoceramic composites	NAN2A012	PG_00036990	2	B D	X		X								X					X												4
Nanostructures and computer simulations in material science (Specjalność)	Theoretical principles of nanotechnology	NAN2A013	PG_00036991	2	B D		X		X							X																	3
Nanostructures and computer simulations in material science (Specjalność)	Materials Science - classical particle approach	NAN2A014	PG_00036992	2	B D	X	X			X								X		X													5
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM4-WS2A-Specialist course 3		PG_M0000201	2	B D		X	X					X																				3
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM5-WS2B-Specialist course 4		PG_M0000202	2	B D		X	X					X									X											4
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM6-Humanities and social science course 2		PG_M0000203	2	C									X		X												X				3
Nanostructures and computer simulations in material science (Specjalność)	Group project	NAN2A021	PG_00037005	3	B						X					X					X				X								4
Nanostructures and computer simulations in material science (Specjalność)	Spectroscopy methods in nanotechnology	NAN2A015	PG_00036999	3	B D			X	X									X	X						X								5
Nanostructures and computer simulations in material science (Specjalność)	Surface science	NAN2AO16	PG_00037000	3	B D		X															X											2
Nanostructures and computer simulations in material science (Specjalność)	Solid state electronics and nanoelectronics	NAN2A017	PG_00037001	3	B D		X	X													X						X						4
Nanostructures and computer simulations in material science (Specjalność)	Materials Science - quantum particle approach	NAN2A018	PG_00037002	3	B D		X			X								X		X													4
Nanostructures and computer simulations in material science (Specjalność)	Computer modeling and design of materials	NAN2A019	PG_00037003	3	B D		X			X								X		X					X								5
Nanostructures and computer simulations in material science (Specjalność)	Diploma laboratory and seminar	NAN2A020	PG_00037004	3	B D						X				X				X			X		X							X		6
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM8-WS3B-Specialist course 6		PG_M0000209	3	B D		X	X					X			X						X											5
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM9-Humanities and social science course 3		PG_M0000210	3	C									X															X				2
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM7-WS3A-Specialist course 5		PG_M0000207	3	B D		X						X			X						X					X						5
Nanostructures and computer simulations in material science (Specjalność)	Msc thesis	NAN2A022	PG_00037006	4	B D						X	X				X			X	X		X				X	X						8
Nanostructures and computer simulations in material science (Specjalność)	Diploma seminar	NAN2A023	PG_00037008	4	B D			X					X			X						X											4
Nanostructures and computer simulations in material science (Specjalność)	Ethics in nanotechnology	NAN2A024	PG_00037010	4	C			X						X													X						3
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM11-WS4B-Specialist course 8		PG_M0000212	4	B D		X									X						X					X						4
Nanostructures and computer simulations in material science (Specjalność)	NAN2AM10-WS4A-Specialist course 7		PG_M0000211	4	B D		X																				X						2
					Suma	4	18	15	7	3	6	3	11	4	1	10	3	4	7	6	7	8	1	1	5	1	8	3	1	
					Suma efektów w kategorii										72									47					18		