

<b>1<sup>st</sup> Semester</b>	
<b>Mathematical Analysis 1B<sup>1</sup></b>	12 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.0
Jacek Dziubański ( <i>exercises</i> )	5.5 <sup>2</sup>
<b>Linear Algebra 1B</b>	9 ECTS
Piotr Śniady ( <i>lecture</i> )	5.0
Piotr Śniady ( <i>exercises</i> )	5.5
<b>Introduction to Abstract Mathematics B</b>	6 ECTS
Jan Kraszewski ( <i>lecture</i> )	5.0
Jan Kraszewski ( <i>exercises</i> )	5.0
<b>2<sup>nd</sup> Semester</b>	
<b>Mathematical Analysis 2B</b>	12 ECTS
Ryszard Szwarc ( <i>lecture</i> )	5.0
Wojciech Mlotkowski ( <i>exercises</i> )	5.0
<b>Linear Algebra 2B</b>	9 ECTS
Piotr Śniady ( <i>lecture</i> )	5.0
Jan Dymara ( <i>exercises</i> )	5.5
<b>Combinatorics and Elementary Probability Theory B</b>	6 ECTS
Piotr Śniady ( <i>lecture</i> )	5.0
Piotr Śniady ( <i>exercises</i> )	5.0
<b>Topology B</b>	6 ECTS
Paweł Krupski ( <i>lecture</i> )	5.0
Paweł Krupski ( <i>exercises</i> )	5.0
<b>Set Theory</b>	6 ECTS
Jan Kraszewski ( <i>lecture</i> )	5.0
Jan Kraszewski ( <i>exercises</i> )	5.0
<b>Introduction to Linux and laboratory</b>	1 ECTS
Kryspin Porembski ( <i>laboratory</i> )	5.0
<b>English language B1.1</b>	0 ECTS
Małgorzata Gałuszewska ( <i>exercises</i> )	5.0
<b>3<sup>rd</sup> Semester</b>	
<b>Mathematical Analysis 3B</b>	12 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.0
Jacek Dziubański ( <i>exercises</i> )	5.0
<b>Abstract Algebra 1B</b>	9 ECTS
Piotr Kowalski ( <i>lecture</i> )	5.0
Piotr Kowalski ( <i>exercises</i> )	5.0
<b>Measure Theory</b>	6 ECTS
Kazimierz Musiał ( <i>lecture</i> )	5.0
Kazimierz Musiał ( <i>exercises</i> )	5.0
<b>Introduction to Computer Sciences and Programming</b>	9 ECTS
Krzysztof Tabisz ( <i>lecture</i> )	5.0
Michał Wrona ( <i>exercises</i> )	5.0
Michał Wrona ( <i>laboratory</i> )	5.0
<b>Buddism</b>	4 ECTS
Sławomir Barć ( <i>lecture</i> )	5.0
<b>Combinatorics and topology on <math>\mathcal{P}(\omega)</math></b>	3 ECTS
Grzegorz Plebanek ( <i>seminar</i> )	5.0
<b>English language B1.2</b>	0 ECTS
Anna Wójcik ( <i>exercises</i> )	4.0

<sup>1</sup>At Wrocław University main courses are taught on two levels: A - the more elementary course, and B - the more abstract one

<sup>2</sup>Although the best possible note to get in Wrocław University is 5.0, sometimes very best and hard-working students are graded 5.5 - which is treated as 5.0, but shows that professor highly rates student

<b>4<sup>th</sup> Semester</b>	
<b>Fourier Analysis</b>	6 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.0
Jacek Dziubański ( <i>exercises</i> )	5.0
<b>Differential Equations 1B</b>	9 ECTS
Piotr Biler ( <i>lecture</i> )	3.5
Dominika Pilarczyk ( <i>exercises</i> )	4.5
<b>Abstract Algebra 2B</b>	6 ECTS
Piotr Kowalski ( <i>lecture</i> )	5.0
Jakub Gismatullin ( <i>exercises</i> )	5.0
<b>Probability Theory 1B</b>	9 ECTS
Zbigniew Jurek ( <i>lecture</i> )	4.0
Zbigniew Jurek ( <i>exercises</i> )	4.5
<b>Smooth Manifolds</b>	6 ECTS
Jacek Świątkowski ( <i>lecture</i> )	4.0
Jan Czajkowski ( <i>exercises</i> )	4.0
<b>Intricacies of Polish Language</b>	4 ECTS
Jan Miodek ( <i>lecture</i> )	-
Irena Seiffert ( <i>exercises</i> )	3.5
<b>English language B2.1</b>	0 ECTS
Kordian Bobowski ( <i>exercises</i> )	5.0
<b>5<sup>th</sup> Semester</b>	
<b>Functional Analysis 1</b>	9 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.0
Jacek Dziubański ( <i>exercises</i> )	5.0
<b>Differential Geometry</b>	6 ECTS
Jan Dymara ( <i>lecture</i> )	5.0
Światosław Gal ( <i>exercises</i> )	4.5
<b>Algebraic Topology</b>	6 ECTS
Bogusław Hajduk ( <i>lecture</i> )	5.0
Jacek Wieszaczewski ( <i>exercises</i> )	5.0
<b>Analytic Number Theory</b>	6 ECTS
Tadeusz Pezda ( <i>lecture</i> )	3.5
Tadeusz Pezda ( <i>exercises</i> )	4.5
<b>Graphs on Surfaces</b>	2 ECTS
Światosław Gal ( <i>seminar</i> )	5.0
<b>Ergodic Theory</b>	3 ECTS
Światosław Gal ( <i>BSc seminar</i> )	5.5
<b>English language B2.2</b>	5 ECTS
Kordian Bobowski ( <i>exercises</i> )	4.5
Kordian Bobowski ( <i>exam</i> )	4.5
<b>Football</b>	1 ECTS
Paweł Woźniak ( <i>sport</i> )	5.0

<b>6<sup>th</sup> Semester</b>	
<b>Functional Analysis 2</b>	6 ECTS
Paweł Głowacki ( <i>lecture</i> )	5.0
Paweł Głowacki ( <i>exercises</i> )	5.0
<b>Representation Theory</b>	6 ECTS
Marek Bożejko ( <i>lecture</i> )	5.0
Wojciech Młotkowski ( <i>exercises</i> )	5.0
<b>Topology of Euclidean Spaces</b>	6 ECTS
Paweł Krupski ( <i>lecture</i> )	5.0
Paweł Krupski ( <i>exercises</i> )	5.0
<b>Complex Analysis</b>	6 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.0
Jacek Dziubański ( <i>exercises</i> )	5.0
<b>Measure and Topology</b>	2 ECTS
Grzegorz Plebanek ( <i>seminar</i> )	5.0
<b>Lie Groups</b>	3 ECTS
Jacek Zienkiewicz ( <i>BSc seminar</i> )	5.0
<b>FriCAS</b>	2 ECTS
Waldemar Hebisch ( <i>laboratory</i> )	5.0
<b>Intellectual Properties</b>	1 ECTS
Bogdan Mincer ( <i>exercises</i> )	5.0
<b>Football</b>	1 ECTS
Tomasz Jaworski ( <i>sport</i> )	5.0
<b>Practics of Profession</b>	3 ECTS
Jacek Wieszaczewski ( <i>exercises</i> )	5.0
<b>7<sup>th</sup> Semester</b>	
<b>von Neumann Algebras</b>	6 ECTS
Marek Bożejko ( <i>lecture</i> )	5.5
Marek Bożejko ( <i>exercises</i> )	5.5
<b>Applications of Representation Theory</b>	6 ECTS
Tomasz Przebinda ( <i>monograph lecture</i> )	5.0
Tomasz Przebinda ( <i>exercises</i> )	5.0
<b>Banach Algebras</b>	6 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.5
Jacek Dziubański ( <i>exercises</i> )	5.0
<b>Lie Groups and Algebras</b>	6 ECTS
Waldemar Hebisch ( <i>lecture</i> )	4.5
Waldemar Hebisch ( <i>exercises</i> )	4.5
<b>Probability Theory 2B</b>	6 ECTS
Alexander Bendikov ( <i>lecture</i> )	5.0
Alexander Bendikov ( <i>exercises</i> )	5.0
<b>Sofic and Hyperlinear Groups</b>	2 ECTS
Alexander Ivanov & Światosław Gal ( <i>seminar</i> )	5.0
<b>8<sup>th</sup> Semester</b>	
<b>Selected topics in functional and harmonic analysis</b>	6 ECTS
Jacek Dziubański ( <i>lecture</i> )	5.0
Jacek Dziubański ( <i>exercises</i> )	5.0
<b>Quantum groups</b>	2 ECTS
Marek Bożejko ( <i>seminar</i> )	5.0
This semester I spent mainly at IHP at the meeting called $II_1$ -factors: rigidity, symmetries and classification and geometric and measured group theory.	

<b>9<sup>th</sup> Semester</b>	
<b>Linear Algebra for PhD students 1</b>	6 ECTS
Tadeusz Januszkiewicz ( <i>lecture</i> )	5.0
Tadeusz Januszkiewicz ( <i>exercises</i> )	5.0
<b>Geometric Group Theory</b>	6 ECTS
Tomasz Elsner ( <i>lecture</i> )	5.0
Tomasz Elsner ( <i>exercises</i> )	5.0
<b>Logics</b>	6 ECTS
Ludomir Newelski ( <i>lecture</i> )	4.0
Ludomir Newelski ( <i>exercises</i> )	3.0
<b>Harmonic Analysis on Homogenous Spaces</b>	2 ECTS
Jacek Dziubański ( <i>seminar</i> )	5.0
<b>Baum-Connes Conjecture</b>	2 ECTS
Jan Dymara & Łukasz Garczarek & Michał Marcinkowski ( <i>seminar</i> )	5.0
<b>10<sup>th</sup> Semester</b>	
<b>Linear Algebra for PhD students 2</b>	6 ECTS
Tadeusz Januszkiewicz ( <i>lecture</i> )	5.0
<b>Combinatorial Group Theory</b>	6 ECTS
Jacek Świątkowski ( <i>lecture</i> )	4.0
Jacek Świątkowski ( <i>exercises</i> )	4.0
<b>Game Theory</b>	6 ECTS
Ilona Królak ( <i>lecture</i> )	5.0
Ilona Królak ( <i>exercises</i> )	5.0