

Classes in English at the Faculty of Physics, Astronomy and Informatics planned for 2018/19 academic year

USOS code 0800-	Subject	Class form	Semester	Number of classes	Lecturer	ECTS
TEWZGL	Teoria względności (Theory of Relativity)	lect. + lab	summer	60	Prof. B. Roukema	5
KOSMO	Kosmologia (Cosmology)	Lect.	summer	30	Prof. B. Roukema	3
OG-EN-STB1 OG-EN-STB2	Seminar in theoretical biophysics for PhD students	sem.	Winter/ summer	30/30	Prof. W. Nowak	2/2
MMC	Methods for materials characterization	lect. + lab	summer	60	Dr A. Zawadzka	5
PROSMGR	Master proseminar	sem	winter	20		2
ALGOGEN	Algorithms on string with applications in genomics	E-lect.	summer	30	Prof. J. Meller	3
NOTEKS1	Modern experimental techniques 1	lect.	winter	30	group	3
NOTEKS2	Modern experimental techniques 2	lect.	summer	30	group	3

Modules for Erasmus students at the Faculty of Physics, Astronomy and Informatics planned for 2018/19 academic year

Module 1 (Optoelectronics) (29 ECTS)

USOS code 0800-	Subject	Class form	Semester	Number of classes	Lecturer	ECTS
PROSMGR	Proseminarium Magisterskie (Master proseminar)	sem	winter	20		2
OPTEL	Optoelektronika (Optoelectronics)	Lect. + lab.	summer	75	Prof. C. Koepke	6
POPTO	Pracownia optoelektroniki (Optoelectronics Lab.)	Lab.	winter	90	Dr K. Wiśniewski	6
FZLAS	Fizyka i zastosowanie laserów (Physics and Applications of Lasers)	Lect. + lab.	summer	60	Prof. D. Lisak	5
PMIKRO	Pracownia mikroelektroniki (Microelectronics Lab.)	Lab.	summer	90	Dr A. Zawadzka	5
MMC	Methods for materials characterization	lect. + lab	summer	60	Dr A. Zawadzka	5

Module 2 (Physics) (30 ECTS)

USOS code 0800-	Subject	Class form	Semester	Numb er of classes	Lecturer	ECTS
PROSMGR	Proseminarium magisterskie (Master proseminar)	sem	winter	20		2
ELDKLAS	Elektrodynamika (Electrodynamics)	Lect. + lab.	winter	60	Prof. D. Chruściński	5
MMF	Metody matematyczne fizyki (Mathematical Methods in Physics)	Lect. + lab.	summer	60	Prof. D. Chruściński	5
OPTKW1 OPTKW2	Optyka kwantowa 1 lub 2 (Quantum Optics 1 or 2)	Lect. + lab	Winter/ summer	60	Prof. J. Zaremba/ Dr P. Kolenderski	5
PRFIZ2-1 PRFIZ2-2	Pracownia fizyczna 1 lub 2 (Physics Lab. 1 or 2)	lab	Winter/ summer	90		5
TEWZGL	Teoria względności (Theory of Relativity)	lect. + lab	summer	60	Prof. B. Roukema	5
KOSMO	Kosmologia (Cosmology)	Lect.	summer	30	Prof. B. Roukema	3

Module 3 (Astronomy) (44 ECTS)

USOS code 0800-	Subject	Class form	Semeste r	Number of classes	Lecturer	ECTS
PROSMGR	Proseminarium magisterskie (Master proseminar)	sem	winter	20		2
MECHNB	Mechanika nieba (Celestial Dynamics)	lect + lab	winter	60	Prof. K. Goździewski	5
BEGAL	Budowa i ewolucja galaktyk (Galaxy formation and evolution)	Lect. + lab	summer	60	Prof. M. Hanasz	5
FUPL	Fizyka układów planetarnych (Physics of Planetary Systems)	Lect + lab	summer	60	Prof. A. Niedzielski	5
PARAD	Pracownia astrofizyki radiowej (Radio Astrophysics Laboratory)	lab	winter	60	Prof. M. Szymczak	4

<u>PAOPT</u>	Pracownia astrofizyki optycznej (Optical Astrophysics Laboratory)	lab	summer	60	Prof. T. Tomov	4
<u>ASCHEM</u>	Astrochemia (Astrochemistry)	Lect.	winter	30	Dr A. Bartkiewicz	3
<u>ASPOGAL</u>	Astronomia pozagalaktyczna (Extragalactic astronomy)	lect	winter	30	Prof. A. Marecki	3
<u>GWZM</u>	Gwiazdy zmienne (Variable stars)	Lect. + lab.	summer	60	Prof. T. Tomov	5
<u>TEWZGL</u>	Teoria względności (Theory of Relativity)	lect. + lab	winter	60	Prof. B. Roukema	5
<u>KOSMO</u>	Kosmologia (Cosmology)	Lect.	winter	30	Prof. B. Roukema	3