

Modules for Erasmus students at the Faculty of Physics, Astronomy and Informatics planned for 2020/21 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	Prof. A. Zawadzka	5
MMC	Methods for materials characterization	lect. + lab	summer	60	Prof. A. Zawadzka	5

Module 2 (Physics) (47 ECTS)

USOS code 0800-	Subject	Class form	Semester	Number of classes	Lecturer	ECTS
DIPROS	Proseminarium magisterskie (Diploma proseminar)	sem	winter	15		2
ELFIELD	Electrodynamics and field theory	Lect. + lab.	winter	75	Prof. D. Chruściński	6
AMATH	Advanced Mathematical Methods	Lect. + lab.	winter	75		6
ATMOLPHY	Atomic and molecular physics	Lect.+ lab	winter	60	Prof. L. Meissner	5
QUANTOPT1	Quantum optics 1	Lect. + lab	Winter	60	Dr. K. Słowik	5
PRFIZ2-1 PRFIZ2-2	Pracownia fizyczna 1 lub 2 (Physics Lab. 1 or 2)	lab	Winter/summer	60/60		5/5
TEWZGL	Teoria względności (Special and general relativity)	lect. + lab	summer	60	Prof. B. Roukema	5
KOSMO	Kosmologia (Cosmology)	Lect.	summer	30	Prof. B. Roukema	3
BIOPHY	Biophysics	Lect. + lab.	summer	60	Prof. W. Nowak	5

Module 3 (Astronomy) (49 ECTS)

USOS code 0800-	Subject	Class form	Semester	Number of classes	Lecturer	ECTS
DIPSEM	Proseminarium	sem	winter	20		2

	magisterskie (Master proseminar)					
INASTRA	Introduction to astrophysics	lect	winter	30		3
CELMECH	Classical and celestial mechanics	lect + lab	winter	60	Prof. K. Goździewski	5
STELPHYS	Stellar physics	Lect. + clas.	winter	60	Prof. A. Niedzielski	5
PLANETSYS	Fizyka układów planetarnych (Physics of planetary systems)	Lect + lab	summer	60	Prof. A. Niedzielski	5
RADASTRO	Pracownia astrofizyki radiowej (Radioastronomy Laboratory)	lab	summer	45	Prof. M. Szymczak	3
OPASTLA	Pracownia astrofizyki optycznej (Optical astrophysics laboratory)	lab	winter	45	Prof. A. Słowikowska	3
ASCHEM	Astrochemia (Astrochemistry)	Lect.	winter	30	Dr A. Bartkiewicz	3
THEOASTLA1 THEOASTLA2 THEOASTLA3	Theoretical astrophysics laboratory 1, 2, 3	lab	winter/ summer	45/45/45		3/3/3
HENERGY	High-energy astrophysics	Lect.	summer	30	Prof. K. Katarzyński	3
TEWZGL	Teoria względności (Special and general relativity)	lect. + lab	summer	60	Prof. B. Roukema	5
KOSMO	Kosmologia (Cosmology)	Lect.	summer	30	Prof. B. Roukema	3