



AGH

AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Faculty of: Physics and Applied Computer Science

Field of study: Biophysics

Study level: Third-cycle studies

Form and type of study: Full-time studies

Annual: 2016/2017

Lecture language:

Code	Module name	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Fieldwork classes	Workshops	Others	E-learning	ECTS	E
Semester 1														
Biophysics														
IBF-3-102-s	Zajęcia dydaktyczne I	0	0	0	0	0	0	28	0	0	0	0	2	No
IBF-3-105-s	Praca z opiekunem I	0	0	0	0	0	0	0	0	0	14	0	0	No
Non-technical														
IBF-3-103-s	Didactics in Biophysical and Medical Sciences	14	14	0	0	0	14	0	0	0	0	0	3	No
Suma ECTS													5	
Semester 2														
Biophysics														
IBF-3-203-s	Zajęcia dydaktyczne II	0	0	0	0	0	0	28	0	0	0	0	2	No
IBF-3-204-s	Praca z opiekunem II	0	0	0	0	0	0	0	0	0	14	0	0	No
Suma ECTS													2	
Semester 3														
Biophysics														
IBF-3-302-s	Seminarium doktorskie I	0	0	0	0	0	15	0	0	0	0	0	1	No
IBF-3-303-s	Zajęcia dydaktyczne III	0	0	0	0	0	0	30	0	0	0	0	2	No
IBF-3-304-s	Praca z opiekunem III	0	0	0	0	0	0	0	0	0	15	0	0	No
Non-technical														
IBF-3-301-s	Studium doskonalenia dydaktycznego	20	0	0	0	0	0	0	0	0	0	10	3	No
Suma ECTS													6	

Study programme - Biophysics - 2016/2017

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Semester 4														
Biophysics														
JBF-3-401-s	Seminarium doktorskie II	0	0	0	0	0	15	0	0	0	0	0	1	No
JBF-3-402-s	Zajęcia dydaktyczne IV	0	0	0	0	0	0	30	0	0	0	0	2	No
JBF-3-403-s	Praca z opiekunem IV	0	0	0	0	0	0	0	0	0	15	0	0	No
Suma ECTS													3	
Semester 5														
Biophysics														
JBF-3-501-s	Seminarium doktorskie III	0	0	0	0	0	15	0	0	0	0	0	1	No
JBF-3-502-s	Zajęcia dydaktyczne V	0	0	0	0	0	0	30	0	0	0	0	2	No
JBF-3-503-s	Praca z opiekunem V	0	0	0	0	0	0	0	0	0	15	0	0	No
Non-technical														
JBF-3-504-s	Economics	20	0	0	0	0	10	0	0	0	0	0	5	No
Suma ECTS													8	
Semester 6														
Biophysics														
JBF-3-601-s	Seminarium doktorskie IV	0	0	0	0	0	15	0	0	0	0	0	1	No
JBF-3-602-s	Zajęcia dydaktyczne VI	0	0	0	0	0	0	30	0	0	0	0	2	No
JBF-3-603-s	Praca z opiekunem VI	0	0	0	0	0	0	0	0	0	15	0	0	No
Suma ECTS													3	
Semester 7														
Biophysics														
JBF-3-701-s	Seminarium doktorskie V	0	0	0	0	0	15	0	0	0	0	0	1	No
JBF-3-702-s	Zajęcia dydaktyczne VII	0	0	0	0	0	0	30	0	0	0	0	2	No
JBF-3-703-s	Praca z opiekunem VII	0	0	0	0	0	0	0	0	0	15	0	0	No
Suma ECTS													3	
Semester 8														
Biophysics														
JBF-3-801-s	Seminarium doktorskie VI	0	0	0	0	0	15	0	0	0	0	0	1	No
JBF-3-802-s	Zajęcia dydaktyczne VIII	0	0	0	0	0	0	30	0	0	0	0	2	No
JBF-3-803-s	Praca z opiekunem VIII	0	0	0	0	0	0	0	0	0	15	0	0	No
Suma ECTS													3	
Semester 0 - Completion of modules in any semester														
Przedmioty obieralne														
The rules for selecting groups/modules: student wybiera jeden moduł z poniższej listy.													3	
JBF-3-001-s	Modern Biophysics	12	0	0	0	0	8	0	0	0	0	0	3	No
JBF-3-002-s	Matematyczne metody w biofizyce	14	14	0	0	0	0	0	0	0	0	0	3	Yes
JBF-3-003-s	Investigation of structures and dynamics of biomolecules with the use of large research facilities	14	7	7	0	0	0	0	0	0	0	0	3	Yes

Study programme - Biophysics - 2016/2017

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IBF-3-005-s	Fundamentals of Environmental Physics	30	0	0	15	0	15	0	0	0	0	0	4	Yes
IBF-3-006-s	Globalne cykle biogeochemiczne	25	0	0	8	0	12	0	0	0	0	0	4	No
IBF-3-007-s	Techniki membranowe i ich zastosowania	14	7	7	0	0	0	0	0	0	0	0	3	Yes
IBF-3-008-s	Neuroelectronics	14	0	0	0	0	14	0	0	0	0	0	3	Yes
IBF-3-009-s	Nanotechnologie i ich zastosowania w naukach przyrodniczych	14	7	7	0	0	0	0	0	0	0	0	3	Yes
IBF-3-010-s	Modeling of biological systems	14	0	28	0	0	0	0	0	0	0	0	4	No
IBF-3-011-s	Soft Matter Physics	30	15	0	0	0	15	0	0	0	0	0	4	Yes
IBF-3-015-s	Evolutionary dynamics	14	0	14	0	0	0	0	0	0	0	0	3	Yes
IBF-3-016-s	Electronic properties of condensed matter	14	0	14	0	0	0	0	0	0	0	0	3	No
IBF-3-019-s	Experimental methods and computer modeling in biomechanics	14	0	14	0	0	0	0	0	0	0	0	3	No
IBF-3-021-s	Selected Topics in Quantum Mechanics for Biophysicists	14	14	0	0	0	0	0	0	0	0	0	3	Yes
IBF-3-024-s	Physics of nanomagnetism and some biomedical applications.	40	0	0	0	0	20	0	0	0	0	0	4	Yes