

BIOPHYSICS

List of Mandatory courses (the expected year/semester of completion is given in parentheses):

UFY/806 Literature review (1./2.)

UFY/800 Doctor's Thesis, Practical Part (every semester)

UFY/805 Doctoral methodological seminar (every year)

OJZ/940 TOEFL ITP for Doctoral Students – Examination (must precede the OJZ/950 course)*

OJZ/950 Doctor's English Examination (must be completed by the end of the standard period of study)*

FBI/801 Study stay I

FBI/802 Study stay II

FBI/803 Study stay III

} minimum duration 1 month
(at any time during the study)

UFY/907 Conference Presentation -in foreign language (at any time during the study)

FBI/D1 State Doctoral Examination (the latest date, including any re-examination, is the standard study period plus one year)

Elective courses (at least two must be selected here):

KEBR/631 Bioenergetics

UCH/BII Bioinformatics

UCH/BIT Biotechnology

UFY/SMB Spectroscopic methods in biophysics

UFY/PBN Plasma in biomedicine and nanotechnology

UCH/ZMB Optical imaging techniques in biophysics

Courses recommended by the admission board in order to complement the courses taken previously (at least one must be selected here):

UCH/027 X-ray Crystallography

UFY/EM1 Electron Microscopy I

UFY/LNO Lasers and Nonlinear Optics

UFY/SIM1 Computer simulations in many body physic

UFY/EET Energy and Electron Transfer in Biologic

UFY/FP Plasma Physics

* The exams are waived for students from the United Kingdom, the United States, Australia, New Zealand, Ireland, English-speaking Canada and South Africa.

UCH/033 Fluor. Spectroscopy in Biol. Systems

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