**University of South Bohemia in České Budějovice**

**Faculty of Science**

**Individual Study Plan in Doctoral Study Programme**

**BIOPHYSICS**

**Student**:…………………….....................................................................................................................

*(first name, surname, title)*

**Date of start of study:** ………………..…………………………………………....................................

**Department:** of Physics

**Supervisor:** …………………………………………………………………………………………….

*(first name, surname, title, for external supervisor, name and address of workplace, telephone, email)*

**Faculty of Science guarantor:** .................................................................................................................................................................

*(first name, surname, title, department – assigned only in the case of an external supervisor; he/she is responsible for administrative tasks in connection with the study)*

**Supervisor-specialist,consultant:………………………………………………………………………**

*(first name, surname, title, for external supervisor, name and address of workplace, telephone, email)*

**Title of dissertation:**

**Date and location of submission:** ..........................................................................................................

**Student’s Signature:** ..............................................................................

**Supervisor’s Signature**: .........................................................................

**Guarantor’s Signature (if assigned):** ...................................................

**Workplace of AS CR cooperating in the tuition of the doctoral student:**

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**Approval of director of institute of AS CR** (if he/she has not already done it in the admission protocol):

Date...................................... Signature....................................................................... \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Discussed and approved by the specialist board on**:

**Name and signature of the specialist board’s chair:**

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**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

minimum duration 1 month

(at any time during the study)

FBI/802 Study stay II

FBI/803 Study stay III

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, remove other courses):

KEBR/631Bioenergetics

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, remove other courses):

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

UCH/033 Fluor. Spectroscopy in Biol. Systems

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**………………………………………………………………………………………………….**

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

In the attachment is included an **outline of the theme** (which may include: introduction, aim, - tested hypotheses, methods, expected results; extent approx. 1-2 pages), **timetable of work** (divided into years or semesters, apart from a timetable of experimental work it is to include a study timetable of set subjects and language courses, a timetable of the student’s individual activities – seminars, participation in conferences, involvement in teaching activities etc.) and the **funding for the experimental work** including the involvement of the doctoral student in research projects.