

Study programme: **P0912D350082 – Neurosciences**
 Academic year: **2021/2022**

Number of credits: **240**

Field of study: **Neurosciences**

Form of study: **Full-time**

Specialization: **AJ**

Stage: **1**

Version: **2012**

Number of credits: **240**

Obligatory subjects - specialized (block status: A)

No. of courses: 1 credits: 25

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/A300	Clinical Neuroscience	25	0S+0S+0S	Ex	W/S

Elective subjects - specialized (block status: B)

Min.no.of 20 credits

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/B620	Neuroanatomy	20	0S+0S+0S	Ex	1 W/S
DSPL/B621	Clinical Neurophysiology	20	0S+0S+0S	Ex	1 W/S
DSPL/B622	Neuropsychology and Experimen.Psychology	20	0S+0S+0S	Ex	1 W/S
DSPL/B623	Neuropharmacology	20	0S+0S+0S	Ex	1 W/S
DSPL/B624	Pathophysiology of the Nervous System	20	0S+0S+0S	Ex	1 W/S
DSPL/B625	Neurology	20	0S+0S+0S	Ex	1 W/S
DSPL/B626	Psychiatry	20	0S+0S+0S	Ex	1 W/S
DSPL/B627	Neurochemistry	20	0S+0S+0S	Ex	1 W/S
DSPL/B628	Animal Models of CNS Disorders	20	0S+0S+0S	Ex	1 W/S

Optional subjects - specialized (block status: C)

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/C330	Processing and Analyzing Signals, Images	2	0S+0S+0S	Ex	1 W/S
DSPL/C331	Computer Neuroscience	2	0S+0S+0S	Ex	1 W/S
DSPL/C332	Neuroimmunology	2	0S+0S+0S	Ex	1 W/S
DSPL/C334	Molecular Neurogenetics	2	0S+0S+0S	Ex	1 W/S
DSPL/C335	Clinical and Experimental Neurosonology	2	0S+0S+0S	Ex	1 W/S

Obligatory subjects - basic (block status: A)

No. of courses: 5 credits: 38

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/AC001	Foreign Language	15	0S+0S+0S	Ex	W/S
DSPL/AC020	Teaching Practice	15	0S+0S+0S	Con	W/S
DSPL/AC040	Congress Presentation with an Abstract	8	0S+0S+0S	Con	W/S
DSPL/A010	Participation in a Grant Project	0	0S+0S+0S	Con	W/S
DSPL/A990	State Doctoral Exam	0	0S+0S+0S	Sdz	W/S

Note: Each of the students is to choose the "Foreign Language" individually: either English or German. 15 credits for "Teaching Practice" can be acquired only once during the whole course of studies. Credits for "Congress Presentation with an Abstract" can be acquired only by the student, who is stated as the first author and who submits a photocopy of the published abstract. The studies are concluded by the state doctoral exam and the defence of the dissertation thesis.

Elective subjects - specialized subjects - introductory course - basic

Min.no.of 8 credits

(block status: **B**)

Dept/Crs code	Course name	No. of Cred.	No.of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/B001	Exploiting Literature Databases	2	0S+0S+4S	Con	W/S
DSPL/B002	Research Grant Proposal and Management	2	0S+0S+4S	Con	W/S
DSPL/B003	Ethics and Legislation of Medical Scien.	2	0S+0S+4S	Con	W/S
DSPL/B004	Applied Statistics in Biomedicine	2	0S+0S+5S	Con	W/S
DSPL/B005	Good Clinical Practice	2	0S+0S+4S	Con	W/S
DSPL/B006	Evidence-Based Medicine	2	0S+0S+4S	Con	W/S
DSPL/B007	Molecular Bases of Diseases 1	2	0S+0S+3S	Con	W/S
DSPL/B008	Molecular Bases of Haematoonc. Diseases	2	0S+0S+2S	Con	W/S
DSPL/B009	Transfer and Patent Protection of Res...	2	0S+0S+2S	Con	W/S
DSPL/B010	Presentation and Marketing Competence	2	0S+0S+4S	Con	W/S
DSPL/B017	Molecular Bases of Diseases 2	2	0S+0S+3S	Con	W/S
DSPL/B021	Epidemiological Methodology	2	0S+0S+4S	Con	W/S

Note: During the whole course of studies the student must acquire a minimum of 8 credits and a maximum of 16 credits in selected subjects.

Obligatory subjects - basic (block status: **B**)

Min.no.of 38 credits

Dept/Crs code	Course name	No. of Cred.	No.of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/B901	Original Scientific Publication	10	0S+0S+0S	Con	W/S
DSPL/B903	Original Scientific Publication	10	0S+0S+0S	Con	W/S
DSPL/B950	Review Article	8	0S+0S+0S	Con	W/S
DSPL/B994	Original Scientific Publication in a J.	20	0S+0S+0S	Con	W/S

Note: The student must acquire a minimum of 38 credits for publications related to the dissertation thesis published in scientific journals, i.e. the student is obliged to submit at least three publications with the following requirements: at least two publications must be original, the student must be the first author of minimum one original publication published in a journal with IF and of one other publication.

Optional subjects - specialized course (block status: **C**)

Dept/Crs code	Course name	No. of Cred.	No.of hrs/w L+S+SS	Concl.	Recom. year sem.
DSPL/C001	Methods for Mammalian Cell Transform...	2	0S+0S+7S	Con	W/S
DSPL/C002A	Molecular Physiology of Malignant Cell..	2	0S+0S+4S	Con	W/S
DSPL/C002B	Molecular Physiology of Malignant Cell..	2	0S+0S+4S	Con	W/S
DSPL/C003	Therapeutic Possibilities of Stem Cells	1	0S+0S+3S	Con	W/S
DSPL/C004	Molecul. Methods in Biomedicine-Genetics	1	0S+0S+2S	Con	W/S

DSPL/C005	Selected Methods in Experimental Toxic.	2	0S+0S+4S	Con	W/S
DSPL/C007	Molecul. Methods in Biomedicine-Genetics	2	0S+0S+7S	Con	W/S
DSPL/C008	Molec.Methods in Biomedicine-Microbiolog	2	0S+0S+7S	Con	W/S
DSPL/C009	Molecul.Methods in Biomedicine-Pathology	2	0S+0S+7S	Con	W/S
DSPL/C010	Molecul.Methods in Biomedicine-Oncology	2	0S+0S+7S	Con	W/S

Optional subjects - specialized subjects - other (block status: C)

Dept/Crs code	Course name	No. of	No. of hrs/w	Concl.	Recom. year sem.
		Cred.	L+S+SS		
DSPL/C021	Individual Research Work	80	0S+0S+0S	Con	W/S
DSPL/C031	Research Visit (a Minimum of 3 Months)	30	0S+0S+0S	Con	W/S
DSPL/C032	Review Article in a Journal with an IF	15	0S+0S+0S	Con	W/S
DSPL/C040	Student Conference Presentation	8	0S+0S+0S	Con	W/S
DSPL/C050	Field of Study Seminar Presentation	5	0S+0S+0S	Con	W/S
DSPL/C060	Palacký University Internal Grant Proj.	5	0S+0S+0S	Con	W/S
DSPL/C061	Grant Project Not Included in Pal. Un.	10	0S+0S+0S	Con	W/S
DSPL/C062	Grant Project Included the Czech Central	15	0S+0S+0S	Con	W/S

Note: Credits for "Individual Research Work" can be gained during the whole course of studies up to a maximum of 80 credits. Credits for a grant project can be acquired if the student participates in submitting of the given project. Credits for the subject DSPL/C061 "Grant Project Not Included in Pal. Un." can be acquired only until the academic year 2020/2021.

Field of study: **Neurosciences**

Form of study: **Full-time**

Stage: **1**

Specialization: **ER**

Version: **2012**

Number of credits: **240**

Obligatory subjects - specialized (block status: A)

No. of courses: 1 credits: 25

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		Cred.	L+S+SS		
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DSPL/B621	Clinical Neurophysiology	20	0S+0S+0S	Ex	1 W/S
DSPL/B622	Neuropsychology and Experimen.Psychology	20	0S+0S+0S	Ex	1 W/S
DSPL/B623	Neuropharmacology	20	0S+0S+0S	Ex	1 W/S
DSPL/B624	Pathophysiology of the Nervous System	20	0S+0S+0S	Ex	1 W/S
DSPL/B625	Neurology	20	0S+0S+0S	Ex	1 W/S
DSPL/B626	Psychiatry	20	0S+0S+0S	Ex	1 W/S
DSPL/B627	Neurochemistry	20	0S+0S+0S	Ex	1 W/S
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DSPL/B003	Ethics and Legislation of Medical Scien.	2	0S+0S+4S	Con	W/S
DSPL/B004	Applied Statistics in Biomedicine	2	0S+0S+5S	Con	W/S
DSPL/B005	Good Clinical Practice	2	0S+0S+4S	Con	W/S
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DSPL/C004	Molecul. Methods in Biomedicine-Genetics	1	0S+0S+2S	Con	W/S
DSPL/C005	Selected Methods in Experimental Toxic.	2	0S+0S+4S	Con	W/S
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DSPL/C008	Molec.Methods in Biomedicine-Microbiolog	2	0S+0S+7S	Con	W/S
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DSPL/C060	Palacký University Internal Grant Proj.	5	0S+0S+0S	Con	W/S
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