



## Credit Point System

Type of Activity	Name of the Course	Awarded Credits per Activity (1ECTS equals 25–30 Course Hours)	Mandatory Credits from Activity
<b>Core Course</b>	Foundations of Neuroscience *	2	2
<b>Basic Courses</b>	Cognitive Neuroscience	2	6, which courses student needs to take will be specified in IDP
	Clinical Neuroscience	2	
	Basic fMRI	2	
	Basic EEG/MEG	2	
	Basic Statistics for Brain and Cognitive Sciences	2	
	Machine Learning	1	
<b>Advanced Courses</b>	Advanced Neuroimaging Data Analysis	2	
	Topics in Neural Signal Processing	2	
	Neurostimulation	2	
	Advanced MRI	2	
	Cognitive Coding	1	
	Deep Learning	2	
<b>Scientific Courses</b>	Matlab (Basic and Advanced)	0,5	0, which courses student needs to take will be specified in IDP
	R (Basic and Advanced)	0,5	
	Python (Basic and Advanced)	0,5	
	Fundamentals of Scientific Software Engineering	0,5	
<b>Soft Skills Courses</b>	Critical Thinking and Logic *	0.25	1
	Time and Project Management *	0.25	
	Good Scientific Practice *	0.25	
	Basics of Scientific Computing *	0.25	
	Open Science Education *	0.25	
	Fundamentals of Scientific Writing	0.5	
	Nature Master Class on Advanced Scientific Writing and Publishing	1	
	Grant Proposal Writing	0.5	
	Career Development	0.5	
	Presentation	0.5	
	Conflict Management	0.5	
Supervision of Master Students	0.5		
<b>Elective</b>	From any of the above mentioned		1
<b>* covered during Bootcamp</b>			
<b>Total Course Activities</b>			<b>10</b>
<b>Summer School</b>	Active Participation in at least two Summer Schools (Poster, Talk)	4	4
<b>IMPRS Retreat</b>	Active Participation (Co-organization; offering a small Workshop; Poster Presentation etc.)	2	2
<b>Conference Attendance</b>	Active Participation (Poster, Talk)	2	2
<b>Research Stay</b>		2	0
<b>Scientific Award</b>	Poster Prize etc.	2	0
<b>Scientific Meetings</b>	15 Meetings (1 own Presentation), e.g. Project Presentations; Institute's Colloquium, Lab Meeting, NeuroTK Meeting etc.	1	4
<b>Invited Talk at another Research Institution</b>		1	0
<b>TAC Meetings</b>	Timely Submission of PhD Proposal / Progress Report; Feedback Forms and Participation in the resp. Meetings	1	3
<b>Outreach Activity</b>	Science-Slam, Lab Tours/Talks for Visitors, Social Media Contribution	0.5	1
	Engagement in one the Institute's grass-root Activities	0.5	
	PhD net or IMPRS Representative	0.5	
	Mentoring	0.5	
<b>Total Other Activities</b>			<b>16</b>
<b>Total Number of Credits</b>			<b>26</b>

2025-09-15

