

Research Master Neuroscience Programme

Course Outline

Course Code	RMNS-1.9
Course Name	Preparation Research proposal
Teaching Methods	Practical, traineeship
Aims of the Course	Gain practical experience and prepare the student to write a research proposal.
Learning Goals	<p>The RM students acquire the following skills and knowledge:</p> <ol style="list-style-type: none"> 1. The ability to formulate a relevant problem in scientific terms and translate it into a scientific question that is both achievable and realistic to research. 2. Acquisition of adequate knowledge of scientific research and biostatistics analytical methods, and the ability to apply this knowledge in composing a research proposal and in performing, analyzing and interpreting research. 3. Acquisition of adequate knowledge of legislation, regulations and ethical rules, and the ability to apply this knowledge in composing a research proposal. 4. The ability to set up, plan and carry out a research project; to collect data and to analyze these data to draw up conclusions. 5. The ability to discuss scientific problems with other members of the research group. 6. Acquire a professional scientific attitude.
Target Group	MSc Neuroscience students
Organisation	Erasmus MC – Department of Neuroscience
Level	2 (Master)
Credits	16 ECs
Study Load	448 hrs
Testing	Assessment preparation period project proposal
Language	English
Number of Participants	All first year Master students
Location	Erasmus MC – Labs Dept. Neuroscience
Date	November till June
Registration	This course is part of the MSc Neuroscience curriculum. Separate registration is not necessary for admitted students.
Attendance	If you are unable to attend class, you are requested to report your absence in advance, via masterneuroscience@erasmusmc.nl and to the assigned tutor.
Responsibility	Erasmus MC – Department of Neuroscience
Coordination	All assigned tutors

Contact E. Buitenhuis-Linssen
E-mail: masterneuroscience@erasmusmc.nl

Alumni LinkedIn Group RM Neuroscience group, ErasmusMC
<https://www.linkedin.com/groups/8133912>

Information	
Start level	1 st year Master student
Summary of the Course	See various project descriptions.
Teaching Strategies	Practical, lab meetings, evaluation meetings.
Programme	
	See various project descriptions
Time Schedule	Mondays - Fridays
Literature & Materials	<ul style="list-style-type: none"> Delivered by tutors and labs.
Teachers	Tutors, supervisors.
Graduate Attributes	Upon completion of this course, if you have attended and actively participated, and when you have passed with sufficient results, you are awarded 16 ECs.
Testing and Assessments	
Exam	<p>Assessment of preparation period project proposal. Following skills will be assessed:</p> <ul style="list-style-type: none"> Knowledge and understanding Method and scientific approach Competence in setting up experiments, design Competence in research execution Overall competences <p>Tutor will judge skills on scale of 5 – 10 (5-insufficient, 10-outstanding) with the use of the supplied Rubric. Note that for every component of the exam, written exam and assignments, a 5.5 or higher must be scored.</p>
Testing Procedure	<p>You will be assessed by a MSc faculty tutor. You will receive a grade on a scale from 5 (insufficient) to 10 (outstanding). Grade appeal is subject to the rules laid out in the Teaching and Examinations Regulations of Erasmus MC.</p>
Quality control exams	In accordance with the assessment plan.

Quality Management**Evaluation**

The MSc programme co-ordinators are open for suggestions from course participants on possible improvements. Course adjustments can be made on the basis of your direct feedback by evaluation form handed out at the end of the course.

Course contents and setup are re-evaluated periodically, at least once a year, by the course directors and MSc programme chair members.