

Dear neuroscience student,

The winter term will start soon and we are looking forward to meeting you in October and welcome you to our highly international and interdisciplinary group of students!

Please find attached the updated information package. In particular, please note some changes in the schedule of the orientation week (page 3) and in the module time slots for the winter term (page 10).

For international students, probably the most important addition to the orientation week is the enrollment meeting on Wednesday, October 11. Neuroscience students with international degrees will get enrolled in this meeting without the usual (and often very long) waiting time in the admission office.

In case you have any questions, please feel free to contact me (jutta.kretzberg@uni-oldenburg.de Tel. +49 (0)441-798-3314) or the student body (fachschaft.neuroscience@uni-oldenburg.de).

We will also have plenty of time to discuss your plans for your individual curriculum during the orientation week.

See you soon,



Prof. Dr. Jutta Kretzberg

Prof. Dr. Jutta Kretzberg
Master student's advisory service

EMAIL
Jutta.Kretzberg@uni-oldenburg.de
master-neuroscience@uni-oldenburg.de

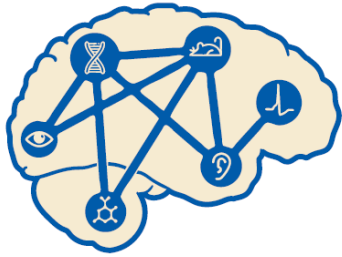
HOME PAGE
<http://www.uni-ol.de/master-neuroscience/>

TELEPHONE
+49 (0)441 798 3314

ADDRESS
Carl-von-Ossietzky-Str. 9-11
D-26129 Oldenburg
Germany

OLDENBURG, 27th of September 2017





Neuroscience Student Body

University of Oldenburg

23th of June 2017

Dear prospect fellow student,

We are very happy to welcome you to our master's program **Neuroscience!** The large variety of academic and cultural backgrounds is what makes this program so special. As the Student Body, we support you and want you to have a great time studying in Oldenburg.

To ensure you will have an awesome start, we organized an **orientation week** for all new Neuroscience students from **October 9th to 13th**. You will find the detailed timetable attached. Please also keep in mind that additionally there will be an international orientation week organized by the International Student Office (ISO) the week before.



If you have any further questions or concerns, please do not hesitate to contact us via email or facebook at any time.

Otherwise, we are looking forward to meeting you in October!

Your Student Body Neuroscience

✉ Email: fachschaft.neuroscience@uol.de

Facebook: <https://www.facebook.com/fsneuroscience/>

Website: <http://www.uni-oldenburg.de/en/student-body-neuroscience/>

Orientation Week

Winter Semester 2017/18



Monday 09.10.2017	Tuesday 10.10.2017	Wednesday 11.10.2017	Thursday 12.10.2017	Friday 13.10.2017
<p>14:00 - 15:00 Program Overview W4-1-162 (Wechloy)</p> <p>15:00 - 15:30 Campus Tour</p> <p>15:30 - 17:00 Introduction of bioscience labs W4-1-162 (Wechloy)</p> <p>17:00 Get-together sparkling wine & snacks Ring Level (Wechloy)</p>	<p>Introductory Meetings</p> <p>09:00 - 10:00 neu110/120 Development and Evolution</p> <p>10:00 - 11:00 neu210 Neurosensory Science and Behaviour A</p> <p>11:15 - 12:00 neu170 Molecular Genetics and Cell Biology</p> <p>12:00 - 13:00 neu710 Neuroscientific Data Analysis in Matlab</p> <p>17:00 Gaming Night (W3-1-152)</p>	<p>Introductory Meetings</p> <p>9:00 - 10:00 neu220 Neurosensory Science and Behaviour B</p> <p>10:00 - 11:00 neu240 Computational Neuroscience</p> <p>11:00 - 12:00 neu790 Communicating Neuroscience</p> <p>13:00 Enrollment Meeting for International Students (Campus Haarentor)</p> <p>19:30 Bar</p>	<p>Introductory Meetings</p> <p>9:00 - 10:00 neu280 Research Techniques in Neuroscience</p> <p>11:00 - 12:00 neu305 Essentials fMRI data analysis SPM/ FSL</p> <p>13:00 City Tour</p>	<p>10:30 Breakfast & Planning your Curriculum (W3-1-152)</p> <p>17:30 Running Dinner</p> <p>All Introductory Meetings in W3-1-152 (Wechloy)</p> <p>Introductory Meeting neu190 Mon 16.10.17 15-16 h (W3-1-152)</p>

The Department of Neuroscience and the Institute of Biology and Environmental Sciences are looking forward to the third year of the new Masters' program Neuroscience and to welcome you here. We wish you all the best for your studies!

Invitation

Orientation and Welcome Reception

Neuroscience & Biology Master Students

This year, the semester will start with a joint afternoon for all students of the Master programs Neuroscience and Biology on **Monday, 09.10.2017** at Campus Wechloy:

14.00 in W4-1-162 Welcome

For new MSc Neuroscience students:

Curriculum overview, tips for module selection, information on studying abroad etc. by the student body and the head of the program

15.00 on the ring level in front of W4-1-162

For new MSc Neuroscience students:

Campus tour organized by the student body Neuroscience

15.30 in W4-1-162 Overview of all research modules

For all MSc Neuroscience and MSc Biology students:

The labs of both departments introduce themselves and give a short overview of student research project options.

17.00 on the ring level in front of W4-1-162

For all Masters students of both departments:

Welcome reception with sparkling wine, snacks and informal discussion.

Take the chance to interact with teachers and students of all semesters!



Immatrikulationsamt | Registrar's Office



Michaela Kloneczynski

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Stefanie Fentzahn

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International Student Office



Katja Kaboth-Larsen

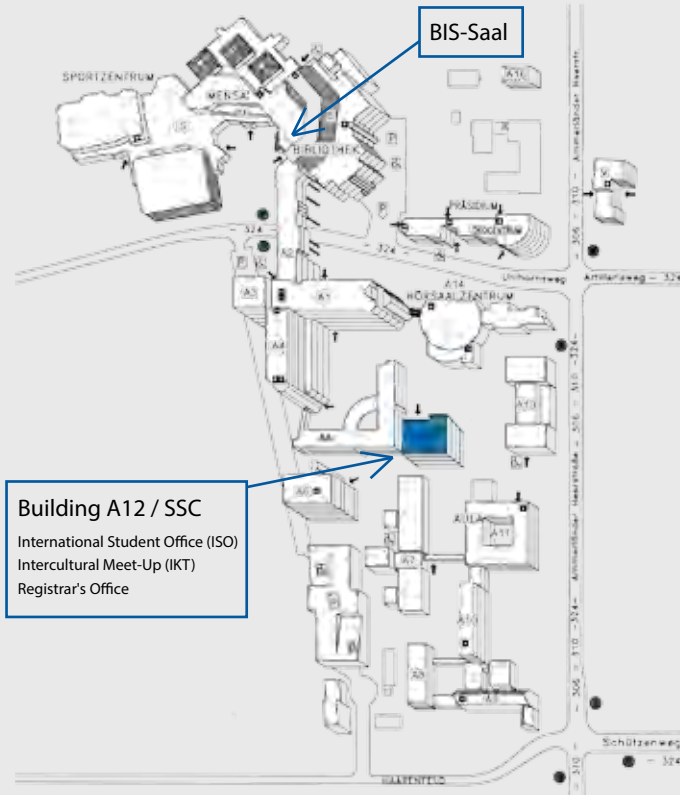
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Boris Pohl

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So finden Sie uns | Where to find us



International Student Office

Carl von Ossietzky Universität Oldenburg
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Telefon/Phone + 49 (0)441 798 2478
www.uol.de/iso

Gefördert vom DAAD und finanziert aus Mitteln des Auswärtigen Amtes (AA)



Auswärtiges Amt

DAAD

CARL
VON
OSSIEZKY
universität OLDENBURG

Willkommen!
Welcome!

International Orientation
Winter Semester 2017/2018

University of Oldenburg, Germany

Herzlich Willkommen!

Wir freuen uns über Ihre Entscheidung in Oldenburg zu studieren. Für einen erfolgreichen Start ins Studium veranstalten wir die Internationale Orientierungswoche, zu der wir Sie herzlich einladen möchten.

Mit Ihrer Zulassung können Sie, falls notwendig, Ihr Einreisevisum für Deutschland beantragen.

Wohnraum

Das Studentenwerk Oldenburg (SWO) kümmert sich um die Vermittlung von Wohnraum:
www.sw-ol.de/de/internationale-studierende
wohnen@sw-ol.de, Tel.: +49 (0)441 798 2602

Anreise

Die nächsten Flughäfen sind Bremen (BRE, 50 km), Hamburg (HAM, 160 km) und Hannover (HAJ, 170 km).

Zugverbindungen nach **Oldenburg (Oldb)**, NICHT Oldenburg in Holstein! www.bahn.de

Welcome!

We are delighted about your decision to study at the University of Oldenburg. We would like to invite you to our international orientation week for a smooth and easy start to your studies.

Your letter of admission allows you, if necessary, to apply for your entry visa to Germany.

Housing

The Studentenwerk Oldenburg (SWO) manages student housing:
www.sw-ol.de/en/internationale-studierende
wohnen@sw-ol.de, Phone: +49 (0)441 798 2602

Getting here

International airports close to Oldenburg: Bremen (BRE, 50 km), Hamburg (HAM, 160 km), and Hannover (HAJ, 170 km).

Train connections to **Oldenburg (Oldb)**, NOT Oldenburg in Holstein!
www.bahn.de

Bis bald!
See you soon!

Orientierungswoche für internationale Studierende International Orientation Week

Montag, 2. Oktober

Monday, October 2, 2017

10.00 h

Einschreibung der Austauschstudierenden
Enrolment of exchange students
Ort/Place: BIS-Saal (Bibliothek/library)

12.00 h

Campus-Tour mit anschließendem Mittagessen in der Mensa
Campus tour followed by lunch at the mensa
Treffpunkt/Meeting point: BIS-Saal

14.00 h

Feierlicher Empfang für alle neuen internationalen Studierenden
Welcome reception for all new international students
Ort/Place: BIS-Saal

20.00 h

Kneipenabend mit Tutoren, Buddies und Freunden
Get-together with buddies and tutors
Ort/Place: Between the Sheets, Waffenplatz

Dienstag, 3. Oktober

Tuesday, October 3, 2017

Der 3. Oktober ist der Tag der Deutschen Einheit (deutscher Nationalfeiertag). Alle Geschäfte und Institutionen sind geschlossen.

October 3rd is German Unity Day (national holiday in Germany). Shops and institutions are closed.

Mittwoch, 4. Oktober

Wednesday, October 4, 2017

10.00 h

Dein Austauschstudium in Oldenburg
Informationen zu Credit Points, Stundenplan, etc.
Your exchange studies in Oldenburg
Info on credit points, timetable, transcript, etc.
Ort/Place: A1 0-006

11.00 h

Einführung in Stud.IP
Introduction to Stud.IP (the university's learning platform)
Ort/Place: A1 0-006

14.00 h

Einstufungstest Deutsch für internationale Studierende
German placement test for international students
Ort/Place: A6 0-001

20.00 h

Pintenabend
Get-together at student's bar
Ort/Place: Pinte, Schützenweg 42

Donnerstag, 5. Oktober

Thursday, October 5, 2017

10.00 h

Leben in Oldenburg
Vorstellung der internationalen Hochschulgruppen; Informationen zu Semesterticket, Reisen, Aufenthaltserlaubnis, etc.
Living in Oldenburg
Presentations of international university groups; information on semester ticket, travelling, residence permit, etc.
Ort/Place: A1 0-006

12.00 h

Anmeldung beim Bürgerbüro
Registration with the City of Oldenburg
Treffpunkt/Meeting point: Pferdemarkt 14, vor dem Eingang/ Pferdemarkt 14, in front of the entrance

14.30 h

Empfang beim Bürgermeister der Stadt Oldenburg
Reception at the mayor's
Ort/Place: Altes Rathaus, Rathausmarkt/ Old town hall

15.00 h

Stadtrallye Oldenburg
City rallye Oldenburg
Treffpunkt/Meeting point: Altes Rathaus, Rathausmarkt/ Old town hall

Freitag, 6. Oktober

Friday, October 6, 2017

10.00 h

Bibliotheksführung
Library tour
Treffpunkt/Meeting point: Bibliothekseingang/Library entrance

11.30 h

Die Tutoren helfen bei offenen Fragen
Tutors help with all queries that you may have
Ort/Place: A1 0-006

14.00 h

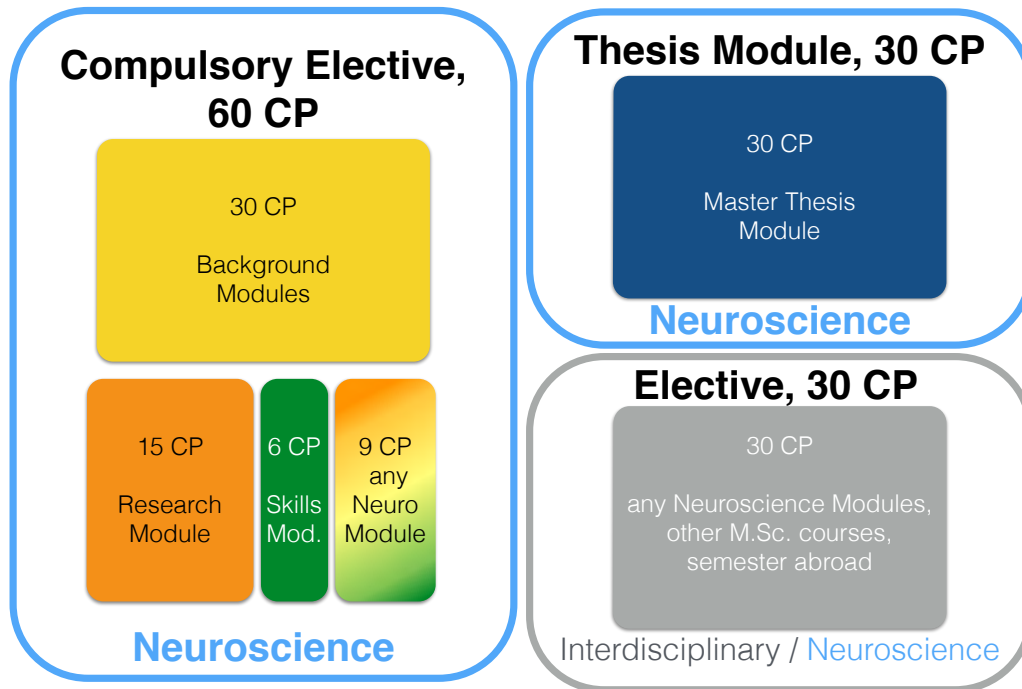
Unirallye
Lerne die Uni durch lustige Spiele kennen
A fun way to learn about the University with Frisian games and more
Treffpunkt/Meeting point: A1 0-006

19.30 h

International Dinner
Ort/Place: IKT

 = Veranstaltung nur für Austauschstudierende
Exchange students only

Overview M.Sc. Neuroscience



There are **no obligatory courses** in the M.Sc. Neuroscience program (except for the Master's thesis) – you can design your own curriculum according to your interests within the following rules. The program requires 120 credit points (CP, ECTS):

- 30 ECTS (or more) Neuroscience background modules. These courses are mostly held as full-time blocks of 2 – 7 weeks length during lecture times (see module list), corresponding to 6, 9 or 15 ECTS.
- 15 ECTS (or more) Neuroscience research modules. These individual research projects (each 15 ECTS) in one of the scientific groups can usually be done with flexible timing.
- 6 ECTS (or more) Neuroscience skills modules. These courses take place either as block courses during the semester breaks or use late afternoon time slots to make them compatible with the other modules.
- 9 ECTS (or more) additional modules from the MSc Neuroscience curriculum of any module type.
- 30 ECTS free choice – Any modules from the MSC Neuroscience curriculum, or courses from other Master's programs (see attached list) or from studies abroad.
- 30 ECTS Master's thesis.

Please check your formal admission letter, if you received a **conditional admission** to the program. In this case, you will have to take one additional module of 6 ECTS either in neuroscience (neu280) or in statistics / programming (neu710, neu770 or neu780). You should take this module during your first semester to obtain some additional background that will help you in your further studies. You need to pass this module, but the grade will not be listed on your certificate.

Please find attached the **list of all MSc Neuroscience modules** and their **course times** in winter and summer term, as well as the **list of approved courses from other Master's programs**.

You can download the full handbook of MSc Neuroscience modules with course descriptions from our homepage:

<http://www.uni-oldenburg.de/en/neurosciences/studies-and-teaching/master-neuroscience/curriculum/>

In order to get admitted to a module you first need to register UOL's eLearning platform **Stud.IP** (<https://elearning.uni-oldenburg.de/>). In this system, you find up-to-date information about each module and about University Oldenburg in general. Please register as soon as possible for the modules you want to take in your first semester.

We try to accommodate all students' choice of modules. However, space limitations apply to practical courses to ensure high-quality hands-on education. Many modules have an **introductory meeting** during the orientation week, in which the course structure and requirements are explained and – in case of more applicants than available spaces – participants are selected. Please find the dates of the introductory meetings in the orientation week schedule. Participation in the introductory meetings is mandatory for getting admission to a module. If you are not able to join an introductory meeting of a course you want to take, please contact the respective module coordinator prior to the meeting. In case you do not get admitted to all of your first choice courses, please choose an alternative module from the attached module list and you will be given top priority for admission to your favorite course one year later.

If you are already interested in a specific topic or group, please feel free to contact the staff members directly, they will be happy to give you advice on your schedule. During the **new students' orientation and reception** on Monday, 9th of October 2017, you will have the chance to get an overview of the Neuroscience research topics in Oldenburg and meet several of the teachers and scientists involved in the program.

Many students in our program choose to study abroad for some months. The two most common ways to do so are the fellowship program of our partner University in Marseille (France) and the external research project (neu610). This module can be done on an individual basis at any neuroscience lab world wide, if one of the neuroscience staff members at University of Oldenburg agrees to supervise the project.

For more information on the Neuroscience program (including the handbook of all modules and a list of all teachers), please see our program home page

<http://www.uni-oldenburg.de/en/master-neuroscience/>
or contact the program director (jutta.kretzberg@uol.de)
Tel. +49 (0)441-798-3314) or the student body (fachschaft.neuroscience@uol.de).

Aix-Marseille University logo and A+Midex logo are visible at the top. The main text reads: 'Fellowships for incoming neuroscience master's students at Aix-Marseille University - France'. Below this, it says 'Mobility until August 2019'. A large orange circle contains the text 'up to 10 fellowships per year'. To the left, a purple circle says '2-12 months up to 1,000 €/month'. To the right, a green circle says 'Course- and/or research-based training in Marseille, in the South of France. Choose one of the 60 research teams affiliated to our neuroscience M.Sc. program'. At the bottom, it says 'Information and application on: http://www.marseillesci.org/en/neuroscience-master-program/coming-to-marseille/' and 'Contact: isabelle.vizard@univ-amu.fr'.

List of all M.Sc. Neuroscience Modules (year 2017/18)

<http://www.uni-oldenburg.de/en/master-neuroscience.de>

NR	Module	Shared / (similar) Modules	Teachers	Winter Semester		Semester break	Summer Semester		Semester break
				1. Half	2. Half		1. Half	2. Half	
neu280	Research Techniques in Neuroscience		Hartmann, Nothwang, Thiel, Neidhardt, et al	6 CP					
neu110	Development & Evolution	bio840	Sienknecht, Nothwang, Köppl	9 CP					
neu120	Lab Exercise in Devo & Evo		Sienknecht, Nothwang, Köppl		6 CP				
neu170	Molecular Genetics & Cell Biology	bio600	Koch, Neidhardt, Thedieck	15 CP					
neu305	Essentials fMRI data analysis SPM/FSL	psy275, (neu300)	Wreda, Sörös	6 CP					
neu320	Introduction to Neurophysics		Anemüller	weekly course 6 CP					
neu241	Computational Neurosci. - Introduction		Kretzberg, Greschner, Hildebrandt		12 CP				
neu190	Biochem. Conc. in Signal Transduct.	bio690	Koch, Scholten		15 CP				
neu210	Neurosensory Science & Behaviour A	bio610	Klump, Hildebrandt, Langemann, Mouritsen		9 CP				
neu220	Neurosensory Science & Behaviour B	bio610, psy180	Thiel, Giessing		6 CP				
neu250	Comp. Neurosci. - Statistical Learning	(psy220)	Kretzberg, Rieger, Anemüller				6 CP		
neu290	Biophysics of sensory reception		Winklhofer				6 CP		
neu140	Neurophysiology	bio620	Greschner, Dedek				9 CP		
neu150	Neuroanatomy		Janssen-Bienholdt, Dedek				6 CP		
neu310	Psychophysics of hearing	bio640	Klump, Langemann					12 CP	
neu300	Functional MRI data analysis	bio640	Thiel, Gießing					12 CP	
neuXX	Invertebrate Neurophysiology		Kretzberg					12 CP	
neu410	Auditory Neuroscience		Klump, Köppl, Hildebrandt	15 CP					
neu470	Molecular Sensory Neuroscience	bio680	Koch, Nothwang, Neidhardt, Thedieck	15 CP			15 CP		
neu540	Neural Basis of Perception		Kretzberg, Klump, Mouritsen, Winklhofer	15 CP				15 CP	
neu440	Visual Neuroscience		Janssen-Bienholdt, Dedek, Greschner		15 CP			15 CP	
neu510	Computation in Sensory Systems	(psy260)	Kretzberg, Greschner, Hildebrandt, Rieger		15 CP			15 CP	
neu570	Develop & Evolution Auditory System	bio850	Sienknecht, Nothwang, Köppl, Bräuer		15 CP				
neu610	External Research Project		all teachers			15 CP			15 CP
neu710	Neuroscientific Data Analysis in Matlab	(pb150)	Hildebrandt	6 CP					
neu770	Basics of Statistical Data Analysis		Sobotka	weekly course 6 CP					
neu790	Communicating Neuroscience		Kretzberg, Köppl, Hildebrandt	weekly course 3 CP					
neu720	Statistical Programming in R	(ph050)	Sobotka				weekly course 6 CP		
neu730	Biowiss. i. d. gesellschaftl. Debatte	pb227	Köppl, Sienknecht				weekly course 6 CP		
neu740	Molecular Mechanisms of Ageing	pb193	Thedieck				irregular meetings 6 CP		
neu751	Laboratory Animal Science		Köppl, Klump, Langemann			3 CP			3 CP
neu760	Scientific English		Manley, Köppl, Hildebrandt			6 CP			
neu780	Introduction Data Analysis with Python		Winklhofer			6 CP			
neu800	Introduction to Matlab		Gießing					3 CP	
mam	Master Thesis Module		all teachers					30 CP	

Background Modules

Research Modules

Skills Modules

MA

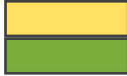
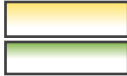


fixed time slots, mostly blocked courses

flexible time slots

fixed time slots

flex

Legend:

-  full-time courses with fixed time slots
-  part-time courses with fixed time slots
-  Preferred time slots of projects
-  Individual project time slots can be discussed with supervisor

CP credit point, ECTS (30h work load)

neuXX new modules, will receive numbers soon.

Program requirements:

- 30 CP Master Thesis Module
- 30 CP Background Modules
- 15 CP Research Modules
- 6 CP Skills Modules
- 9 CP any further module(s) from Neuroscience curriculum
- 30 CP free choice: any further Neuroscience module(s) or (subject to approval) courses from other M.Sc. programs, from other universities, or from abroad.

Modules with shared course components or similar content (see list) cannot be credited twice.

Recommendations:

- For most students, it is recommended to start with Research Techniques (neu280) and Matlab (neu710) in the first half of the first semester.
- Research modules are individual research projects in a neuroscience lab. Before joining the group of a supervisor for a research module, it is recommended to take at least one of the background modules this supervisor teaches.
- In many groups, research modules are flexible in time, e.g. allowing combination with semester-long courses including courses from other Master's programs.
- Please find a list of approved free choice courses at our homepage <http://www.uni-oldenburg.de/en/master-neuroscience.de>
- For more information please contact the program directors master-neuroscience@uni-oldenburg.de or the student body fachschafft-neuroscience@uni-oldenburg.de

no.	Module	ECTS	Week 1 02.-06.4.	Week 2 09.-13.4.	Week 3 16.-20.4.	Week 4 23.-27.4.	Week 5 30.4.-4.5.	Week 6 07.-11.5.	Week 7 14.-18.5.	Week 8 21.-25.5.	Week 9 28.5.-1.6.	Week 10 04.-08.6.	Week 11 11.-15.6.	Week 12 18.-22.6.	Week 13 25.-29.6.	Week 14 02.-06.7.	Semester break 09.07-12.10.
neu140	Neurophysiology (retina)	9	Mo-Fr 8.30-12 Lecture / Seminar <i>(combined for both modules)</i>		full-time lab		full-time lab (after taking neu150)										
neu150	Neuroanatomy (retina)	6			full-time lab		8.30-16 lab (after taking neu140)										
neu250	Computational Neurosci. - Statistical Learning	6	full time computer exercise/ seminar														
neu290	Biophysics of sensory reception	6					full time computer exercise/ seminar										
neu??	Planned: Invertebrate Neurophysiology	12									full-time lab / seminar / lecture						
neu310	Psychophysics of hearing	12								Lecture/ Seminar	full-time Lab						
neu300	Functional MRI analysis	12									full-time computer exercises						
neu800	Introduction to Matlab	3							full-time exercises								
neu720	Statistical programming in R	6	Tuesday & Wednesday 16-18, Lecture/ computer exercise														
neu730	Biowissenschaften in der gesellschaftlichen Debatte	6	Monday & Thursday 16-18, Lecture/ seminar														
neu740	Molecular Mechanisms of Aging	6	seminar						lecture						seminar		
neu410	Auditory Neuroscience	15								lecture / seminar	full-time lab project						
neu440	Visual Neuroscience	15	any time for 7 weeks full-time or part-time options														
neu470	Molecular Sensory Neuroscience	15	any time for 7 weeks full-time or part-time options														
neu510	Computation in Sensory Systems	15	any time for 7 weeks full-time or part-time options														
neu540	Neural Basis of Perception	15	any time for 7 weeks full-time or part-time options														
neu570	Development & Evolution Auditory System	15	any time for 7 weeks full-time or part-time options														
neu610	External Research Project	15	any time for 7 weeks full-time or part-time options														
mam	Master Thesis Module	30	any time for max. 6 months														

MSc Neuroscience, University Oldenburg: List of modules that can be chosen within the category of 30 ECTS free choice, without special permission

(Version: Winter term 2016/2017)

PLEASE NOTE:

- You can choose to take up to 30 ECTS (equivalent to one semester) courses from other MSc programs at University of Oldenburg or other universities in Germany or abroad.
- If you want to get credits for a course that is not listed here, you need to obtain the approval of the head of the examining board (jutta.kretzberg@uni-oldenburg.de), prior to taking the course.
- If places are limited, those students who are enrolled in the program to which the course belongs take priority. You cannot claim any right to admission to courses that are not part of the curriculum of the MSc Neuroscience. If you want to participate in a course from a different program, you need to obtain permission from the module coordinator to enroll.
- If you participate in courses from other MSc programs that run in parallel to courses from the the MSc Neuroscience core curriculum you are enrolled in, make sure that you reach an agreement with the neuroscience module coordinator about any temporary absence necessary.
- If you want to get credits for courses from other MSc programs, it is your responsibility to ensure that the module certificate with module title, number of ECTS and grade is sent to the examinations office.

MSc Neurosciences, University of Bremen:

All modules, except for ‚Introductory Week‘ and ‚Master Thesis‘:

Number	Module Name	ECTS	Term
401-1	Cellular and Molecular Neurosciences	6	winter
402	Systemic Neurosciences	6	winter
403-1	Theoretical Neurosciences	6	winter
404	Clinical Neurosciences	6	winter
406	Neuro-and Electrophysiology	9	summer
407	Neuropharmacology II	9	summer
408	Experimental Neuroanatomy and Behavioral Physiology	9	summer
409	Psychophysics and Human Neurophysiology	9	summer
410	Experimental Neuropsychology	9	summer
411	Cognitive Psychology and Electroencephalography	9	summer
412	Functional Neuroimaging	9	summer
413	Neurophysics	9	summer
414	Programming	3	winter
415	Laboratory Animal Science	3	winter
501/502	Lab Rotation	15	winter

MSc Biologie, Oldenburg:

Many modules are shared between MSc Neuroscience and MSc Biologie and therefore should be chosen from the core curriculum.

Additional modules, which do not need special permission:

(some modules are taught in German, please check with module coordinators)

Number	Module Name	ECTS	Term
bio650	Grundmodul Ornithologie	15	winter
bio660	Vertiefungsmodul Ornithologie	15	winter
bio720	Grundmodul marine Biodiversität	15	winter
bio730	Grundmodul Evolutionsbiologie	15	winter
bio740	Vertiefungsmodul marine Biodiversität	15	summer
bio750	Vertiefungsmodul Evolutionsbiologie	15	summer

Shared modules (choose the respective neuroscience modules):

Number bio	Number neuro	Neuro Module Name	ECTS	Term
bio600	neu170	Molecular Genetics & Cell Biology	15	winter
bio610	neu210	Neurosensory Science & Behaviour A	9	winter
	neu220	Neurosensory Science & Behaviour B	6	
bio620	neu140	Neurophysiology	9	summer
	neu150	Neuroanatomy	6	
bio640	neu270	Neurocognition & Psychophysics	15	summer
bio680	neu470	Molecular Sensory Neuroscience	15	flexible
bio690	neu190	Biochemical concepts in signal transduction	15	winter
bio840	neu110	Development & Evolution	9	winter
	neu120	Lab Exercise Development & Evolution	6	
bio850	neu570	Development & Evolution Auditory System	15	flexible

MSc Hörtechnik und Audiologie, Oldenburg

All modules, except for ‚Master Thesis‘ and ‚phy870‘:

(All modules are taught in German)

Number	Module Name	ECTS	Term
phy800	Grundlagen der numerischen Modellierung	6	summer
phy810	Theorie I (Signal- und Systemtheorie)	6	summer
phy820	Theorie II (Statistik)	6	winter
phy830	Akustik und Signalverarbeitung I	6	winter
phy840	Akustik und Signalverarbeitung II	6	summer
phy850	Biomedizinische Physik und Neurophysik I	6	winter
phy860	Biomedizinische Physik und Neurophysik II	6	summer
phy880	Fortgeschrittenenprojektpraktikum Hörtechnik und Audiologie	6	W / S
phy890	Wahlpflicht Hörtechnik und Audiologie	6	W / S

W / S: Can be taken in winter **or** summer semester, choice of courses differs between semesters.

MSc Neurocognitive Psychology, Oldenburg:

All modules of MSc neurocognitive psychology, except for ‚Minor‘, ‚Master Thesis‘ and ‚Master Colloquium‘ are credited without special permission, within the category of 30 ECTS free choice. Note, however, that many modules in the neurocognitive psychology program are typically fully booked and cannot accept additional students. The following modules supplement the neuroscience curriculum well and usually accept neuroscience students, but still need the prior permission of the module coordinator:

Number	Module Name	ECTS	Term
psy160	Psychophysics of visual perception and illusions	6	summer
psy190	Sex and Cognition	6	summer
psy200	Neuropsychology	9	W & S
psy210	Applied Cognitive Psychology	6	summer
psy230	Neuromodulation of Cognition	6	winter

W & S: Two parts – first winter term, then summer term,

S & W: Two parts – first summer term, then winter term

Overlapping modules of both programs (take neuroscience modules):

Number psy	Number neuro	Name Neuro	ECTS	Term
psy181	neu220	Neurosensory Science & Behaviour B	9	winter
psy220	neu250	Computational Neuroscience – stat. learning	6	winter

MSc Informatik, Oldenburg:

Selected modules: *(All modules are taught in German)*

Number	Module Name	ECTS	Term
inf100	Mensch-Maschine-Interaktion	6	winter
inf305	Medizintechnik	6	winter
inf307	Robotik	6	summer
inf524	Einführung in die Medizin für Informatik	6	winter
inf535	Computational Intelligence	6	winter