

Vorlesungsverzeichnis

Master of Science - Biochemistry and Molecular
Biology

Prüfungsversion Wintersemester 2016/17

Sommersemester 2020

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Abkürzungsverzeichnis

Veranstaltungsarten

AG	Arbeitsgruppe
B	Blockveranstaltung
BL	Blockseminar
DF	diverse Formen
EX	Exkursion
FP	Forschungspraktikum
FS	Forschungsseminar
FU	Fortgeschrittenenübung
GK	Grundkurs
IL	individuelle Leistung
KL	Kolloquium
KU	Kurs
LK	Lektürekurs
LP	Lehrforschungsprojekt
OS	Oberseminar
P	Projektseminar
PJ	Projekt
PR	Praktikum
PS	Proseminar
PU	Praktische Übung
RE	Repetitorium
RV	Ringvorlesung
S	Seminar
S1	Seminar/Praktikum
S2	Seminar/Projekt
S3	Schulpraktische Studien
S4	Schulpraktische Übungen
SK	Seminar/Kolloquium
SU	Seminar/Übung
TU	Tutorium
U	Übung
UP	Praktikum/Übung
V	Vorlesung
VE	Vorlesung/Exkursion
VP	Vorlesung/Praktikum
VS	Vorlesung/Seminar
VU	Vorlesung/Übung
WS	Workshop

Andere

N.N.	Noch keine Angaben
n.V.	Nach Vereinbarung
LP	Leistungspunkte
SWS	Semesterwochenstunden
	Belegung über PULS
	Prüfungsleistung
	Prüfungsnebenleistung
	Studienleistung
	sonstige Leistungserfassung

Veranstaltungsrhythmen

wöch.	wöchentlich
14t.	14-täglich
Einzel	Einzeltermin
Block	Block
BlockSa	Block (inkl. Sa)
BlockSaSo	Block (inkl. Sa, So)

Vorlesungsverzeichnis

Pflichtmodule

BIO-B-KM1 - State of the Art in Biochemistry and Molecular Biology

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-KM2 - Practical Bioinformatics

78981 VU - Practical Bioinformatics							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	14:15 - 15:45	wöch.	Online.Veranstalt	23.04.2020	Dr. Detlef Groth
1	U	Do	16:00 - 17:30	wöch.	2.25.D0.02	23.04.2020	Dr. Detlef Groth, Philipp Wendering
Exercise in the PC-Pools.							
1	U	Do	16:00 - 17:30	wöch.	2.25.D0.01	23.04.2020	Dr. Detlef Groth, Philipp Wendering
Exercise in the PC-Pools.							
1	U	Do	16:00 - 17:30	wöch.	2.25.D2.01	23.04.2020	Dr. Detlef Groth, Philipp Wendering
Exercise in the PC-Pools.							

Kommentar

Lecture takes place as E-learning course with video materials and PDF files of the lecture slides.

Exercise will be supported using padup-chats and homework tasks.

Leistungen in Bezug auf das Modul

PNL 543411 - Vorlesung und Übung (unbenotet)

Vertiefungsmodul

BIO-B-VM - Advanced Research Practical

79013 PR - Advanced Research Practical Cell Biology of the nuclear envelope							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Dr. Marianne Grafe
4 weeks lab course in preparation for the master thesis							

Kommentar

Can not be offered as long as attendance teaching is not possible.

Leistungen in Bezug auf das Modul

SL 543511 - Praktikum (4 Wochen) (unbenotet)

79102 B - Evolutionäre Genomik							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Michael Hofreiter, Dr. Stefanie Hartmann, Dr. rer. nat. Patrick Arnold
Blockveranstaltung, Zeit nach Vereinbarung							

Kommentar	
Da noch nicht bekannt ist, wann wieder Präsenzlehre möglich ist, können wir momentan nicht angeben, wann die Veranstaltung stattfinden kann.	
Leistungen in Bezug auf das Modul	
SL	543511 - Praktikum (4 Wochen) (unbenotet)

80065 PR - Advanced Research Practical (Animal Physiology)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann
4 weeks lab course in preparation for the master thesis							
2	B	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salim Seyfried, Dr. Claudia Rödel, Dr. rer. nat. Alessio Paolini
4 weeks lab course in preparation for the master thesis							

Kommentar	
postponed until on-site presence is allowed again	
Leistungen in Bezug auf das Modul	
SL	543511 - Praktikum (4 Wochen) (unbenotet)

81982 PR - Advanced Research Practical Cell Biology of the centrosome							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Dr. Irene Meyer
4 weeks lab course in preparation for the master thesis							

Kommentar	
Can not be offered as long as attendance teaching is not possible.	
Leistungen in Bezug auf das Modul	
SL	543511 - Praktikum (4 Wochen) (unbenotet)

Richtungsmodule

BIO-B-RM1 - Nanobiotechnology							
79068 VS - Analytische Biochemie II							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	12:15 - 13:45	wöch.	2.25.B2.01	20.04.2020	apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Frank Bier, Prof. Dr. Frieder Scheller
1	S	Di	14:00 - 15:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Frank Bier, apl. Prof. Dr. Ulla Wollenberger
Aktuelle Arbeiten der Bioanalytik und Nanobiotechnologie							

Kommentar**As long as no on-site teaching is possible :**

The lecture will be on-line (via Zoom or another conference software) and occasionally as video or as podcast and lecture slides /seminar materials will be provided via Moodle. The seminar will combine home learning with selected publications. Each student should prepare a seminar talk for a blockseminar at the end of the semester. The time will be announced later in the semester for the on-site seminar or an on-line conference, if on-site is not possible. Individual online appointments are possible on request.

The course may be selected as 6 LP module also without a lab course

For the 11 LP module BIO-B-RM1 6 weeks practical is offered for a restricted number only (only when regular on-site teaching will resume)

Bemerkung

Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule

Leistungen in Bezug auf das Modul

SL 543611 - Forschungsthemen der Nanobiotechnologie/Biosensorik/Bioanalytik (unbenotet)

80086 PR - Analytische Biochemie II practical							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Frank Bier, apl. Prof. Dr. Ulla Wollenberger

Dauer 6 Wochen nach Absprache

Kommentar

This lab course is only available after regular on-site teaching will resume.

Alternatively, 6 weeks practical work may be performed in an external entity. Please contact the teachers

Leistungen in Bezug auf das Modul

SL 543612 - Praktikum (6 Wochen) (unbenotet)

BIO-B-RM2 - Cellular Signal Transduction

79104 S - Cellular Signal Transduction							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz

Kommentar

The **corresponding lecture** takes place during winter term and should be attended first.

For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered.

SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers

Leistungen in Bezug auf das Modul

PNL 543711 - Vorlesung und Seminar (unbenotet)

79349 PR - Cellular Signal Transduction 6-week practical							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz

Raum und Zeit nach Absprache

Kommentar

For the Richtungsmodul Cellular Signal Transduction (BIO-B-RM2) the lecture (winter term) and the seminar (summer term) have to be attended.

SS 2020: Practical courses can be offered by different institutes later in summer.

Leistungen in Bezug auf das Modul

SL 543712 - Praktikum (6 Wochen) (unbenotet)

BIO-B-RM3 - Evolutionary Genomics (Evolution across Scales module D)

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM4 - Antibody-Technologies

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM5 - Novel Cloning Technologies for Future Biotechnology

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM6 - Animal Models in Developmental Biology and Cell Physiology

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM7 - Bioelectronics

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM8 - Immunotechnology

79129 S - Immunotechnologie Seminar							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Fr	14:00 - 15:30	14t.	2.25.B0.01	01.05.2020	Dr. Olaf Behrsing

Kommentar

Nach der Anmeldung über PULS erhalten Sie das Paßwort für das Moodle Biotechnologie und Immunologie. Dort finden Sie vertonte Powerpoint-Präsentationen der Seminare und alle Folien als pdf. Zu jedem Seminar wird es online-meetings geben, voraussichtlich mit Zoom. Fragen zum Seminar können online und offline gestellt werden und werden dann im Rahmen des nächsten Seminars beantwortet.

Von allen Teilnehmern wird die Präsentation eines Papers erwartet, die Themen finden Sie am Ende des 1. Seminars. Diese Präsentationen werden vorerst auf einen der letzten Seminartermine verschoben, notfalls werden wir Skype, Zoom o.ä. benutzen.

Leistungen in Bezug auf das Modul

PNL 544311 - Immunotechnologie (unbenotet)

80077 PR - Immunotechnology/Biotechnology (Practical)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt

6 week practical (intern or extern)

Leistungen in Bezug auf das Modul

SL 544312 - Praktikum im Bereich Immunologie oder Biotechnologie (6 Wochen) (unbenotet)

BIO-B-RM9 - Synthetic Biology **79108 VS - Synthetic Biology (Lecture/Seminar)**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt

Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule

1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
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Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule

Kommentar

- lecture slides with audio
- online meetings and chats (probably via Zoom)
- possibility to ask questions online and offline
- discussion of selected publications
- further information in the moodle course "Synthetic Biology"

Leistungen in Bezug auf das Modul

PNL 544411 - Vorlesung und Seminar (unbenotet)

 80078 PR - Synthetic Biology (Practical)

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt

6 week practical (intern or extern)

Kommentar

- internal or external practical, can be done any time
- practical should focus on topics/techniques in synthetic biology, molecular biology, biotechnology, biochemistry or related disciplines
- practical without labwork (e.g. in bioinformatics) is also possible
- further information can be found in the moodle course "Synthetic Biology"

Leistungen in Bezug auf das Modul

SL 544412 - Praktikum (6 Wochen) (unbenotet)

BIO-B-RM10 - Modern Methods in Light Microscopy **79004 VS - Modern Methods in Light Microscopy**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
Alle	V	Mo	14:15 - 15:45	wöch.	2.26.0.65	20.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
Alle	S	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf, Dr. Irene Meyer, Dr. Marianne Grafe

literature-seminar (1 SWS); en-bloc; time will be announced; both literature seminar and hands-on seminar are obligatory

1	S	Fr	14:00 - 16:00	14t.	2.26.0.53	01.05.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
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hands-on seminar (1 SWS)

2	S	Fr	14:00 - 16:00	14t.	2.26.0.53	24.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
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hands-on seminar (1 SWS)

Kommentar

As long as on-site presence is not allowed:

- **Lecture** will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27 and will be presented as a podcast and a question/answer session by video. Please contact me (obaumann@uni-potsdam.de) as soon as you register for this module.
- **Hands-on seminar (1 SWS)** will be ~50% online during the lecture period; it will start May 29. The remaining part of the hands-on seminar (1 day in the lab) has to be postponed until on-site presence is allowed again.
- **Literature seminar (1 SWS)** is planned to be after the lecture period en-bloc (1 day) in September or October

Watch out for further information in the Moodle course

Leistungen in Bezug auf das Modul

PNL 544511 - Moderne Methoden der Lichtmikroskopie (unbenotet)

80058 PR - Modern Methods in Light Microscopy - P							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf, Prof. Dr. Salim Seyfried, Dr. Irene Meyer, Dr. Marianne Grafe
6 weeks lab course: 2 weeks en-bloc (Sept 21 to Oct 2) for all students; the remaining 4 weeks individually scheduleable							

Kommentar

This lab course **can not be offered in the summer term due to current lab regulations** . Please sign up for the lab course in winter term.

Leistungen in Bezug auf das Modul

SL 544512 - Moderne Methoden der Lichtmikroskopie (6 Wochen) (unbenotet)

BIO-B-RM11 - Physiology of Microorganisms

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM12 - Current Aspects and Methods of Plant Cell Biology

78988 VS - Current Aspects and Methods of Plant Cell Biology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							

Kommentar

For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.

For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.

Please, contact markus.grebe@uni-potsdam.de for further information.

Bemerkung

LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de.

Leistungen in Bezug auf das Modul

PNL 544711 - Current aspects and methods of plant cell biology (unbenotet)

80073 FP - Current Aspects and Methods of Plant Cell Biology (Research Practical)

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	FP	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Markus Grebe, Dr. rer. nat. Michael Sauer, Dr. rer. nat. Andres Eduardo Rodriguez Cubillos, Dr. rer. nat. Anke Koch

6-week practical for the orientation module "Curr. Asp. and Meth. of Plant Cell Biol.": Contact: mgrebe@uni-potsdam.de

Bemerkung

This 6-week practical for the orientation module (Richtungsmodul) BIO-B-RM2 will be offered during the lecture-free period in summer 2020, pending the further development of the COVID19 pandemic.

Please, contact markus.grebe@uni-potsdam.de for further information.

Leistungen in Bezug auf das Modul

SL 544712 - Current aspects and methods of plant cell biology (6 Wochen) (unbenotet)

BIO-B-RM13 - Evolutionary and Population Genetics

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM14 - Physical Methods in Live Cell Imaging**79641 VS - Physical Methods in Live Cell Imaging**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	14:15 - 15:45	wöch.	N.N. (AG)	20.04.2020	Prof. Dr. Salvatore Chiantia
First lectures in 2.26.0.65							
1	S	Di	14:15 - 15:45	14t.	N.N. (AG)	28.04.2020	Valentin Dunsing, Prof. Dr. Salvatore Chiantia, Madlen Luckner
Literature Seminar (1 SWS); both seminars are obligatory							
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin Dunsing, Madlen Luckner

hands-on seminar (1 SWS); en-bloc; time will be announced; both seminars are obligatory

Kommentar

In case that on-site presence is not allowed:

Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27th and will be presented as a podcast and a question/answer session by video.

The hands-on session was originally planned as a 2-day experience in the lab. This will have to be postponed to a later time (flexible arrangement possible).

Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.

Leistungen in Bezug auf das Modul

PNL 544911 - Vorlesung und Seminar (unbenotet)

 79821 PR - Physical Methods in Live Cell Microscopy - P

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin Dunsing, Madlen Luckner

Single 6-week research project. Time to be agreed with students. Please contact Prof. Chiantia asap upon registration

Kommentar

The Praktikum will have to be postponed to a later moment (e.g. Winter Semester) (flexible arrangement with students possible). Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.

Leistungen in Bezug auf das Modul

SL 544912 - Praktikum, vorlesungsbegleitend (unbenotet)

BIO-B-RM15 - Metalloproteins **79105 VS - Metalloproteine**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Silke Leimkühler

14.09.20 - 25.09.20 Vorlesung/Seminar ganztags, Vorbesprechung 08.05.20 09.00 Uhr (Teilnahme an der Vorbesprechung ist obligatorisch)

Kommentar

For the Richtungsmodul BIO-B-RM15 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM1, 3) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

SL 545011 - Forschungsthemen Proteinanalytik und Metalloproteine (unbenotet)

 80071 PR - Metalloproteins - 6-week research project

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Silke Leimkühler

6 Wochen Praktikum Richtungsmodul nach Absprache

Leistungen in Bezug auf das Modul

SL 545012 - Proteinanalytik (6 Wochen) (unbenotet)

BIO-B-RM16 - Current Aspects of Plant Physiology

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM17 - Current Problems and Modern Methods in Plant Genetics and Epigenetics

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM18 - Microevolution/Conserving the Evolutionary process - (Evolution across Scales module C) **79037 S - How much conservations is needed for evolution**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Mo	08:30 - 09:15	wöch.	2.25.B0.01	20.04.2020	Dr. Alice Dennis, Prof. Dr. Ralph Tiedemann

Bemerkung

Please note: in the 2020 SoSe this course will take place online. Any questions can be directed to adennis@uni-potsdam.de

Leistungen in Bezug auf das Modul

PNL 545312 - How much conservation is needed in Evolution? (unbenotet)

BIO-B-RM19 - The Central Role of Evolutionary Biology in Biosciences (Evolution across Scale module A)

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM21 - Molecular Biology and Genome Research

Für dieses Modul werden aktuell keine Lehrveranstaltungen angeboten

BIO-B-RM22 - Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies

78989 VS - Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

Block event; please contact lecturers for details

Leistungen in Bezug auf das Modul

PNL 545711 - Lecture and Seminar (unbenotet)

79113 VS - Epigenetics and Epigenomics

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford

Kommentar

Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.

Leistungen in Bezug auf das Modul

PNL 545711 - Lecture and Seminar (unbenotet)

79352 PR - Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies Practical

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	FP	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

6-week research project as part of the Orientation Module (11 LP)

Leistungen in Bezug auf das Modul

SL 545712 - Practical course (6 weeks) (unbenotet)

79770 VS - Cell Biology Of Centrosomes And The Nuclear Envelope							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.26.0.53	21.04.2020	Dr. Marianne Grafe, Prof. Dr. Ralph Gräf, Dr. Irene Meyer
1	V	Do	10:00 - 11:30	wöch.	Online.Veranstalt	23.04.2020	Prof. Dr. Ralph Gräf

Lecture "Zellbiologie Tiere" is given in german. The english lecture "Cell Biology For Life Scientists" is offered every winter term.

Kommentar

As long as on-site presence is not allowed, the lecture will be offered as a podcast (German) and the seminar as some kind of web meeting (English). An alternative English lecture will be offered in the winter term. Please check for updates in the Moodle course!

Moodle Course: Gräf,R.: Wahlpflichtmodul - Zelldynamik und Cytoskelett/Cell Biology of Centrosomes and the Nuclear Envelope

For the Richtungsmodul BIO-B-RM22 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM5 and 6) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

PNL 545711 - Lecture and Seminar (unbenotet)

79786 FP - 6-week practical: Cell Biology Of Centrosomes And The Nuclear Envelope							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	FP	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Ralph Gräf, Dr. Marianne Grafe, Dr. Irene Meyer

6-week practical, limited number of participants, please contact rgraef@uni-potsdam.de

Kommentar

Can not be offered as long as attendance teaching is not possible.

Leistungen in Bezug auf das Modul

SL 545712 - Practical course (6 weeks) (unbenotet)

80067 PR - Epigenetics and Epigenomics Forschungspraktikum							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford

6-week research practical as part of the 11-LP Richtungsmodul; date to be agreed on

Kommentar

Lab practicals are aimed to be offered during summer, once face-to-face teaching is permitted again.

Leistungen in Bezug auf das Modul

SL 545712 - Practical course (6 weeks) (unbenotet)

Wahlpflichtmodule

BIO-B-WM1 - Biochemistry A

79087 VS - Chloroplasten und Photosynthese							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.
Kommentar							
Dieser Kurs findet im Sommersemester 2020 nicht statt!							
This course will not take place in summer semester 2020!							
Leistungen in Bezug auf das Modul							
PNL	545911 - Vorlesung und Seminar (unbenotet)						

79105 VS - Metalloproteine							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Silke Leimkühler
14.09.20 - 25.09.20 Vorlesung/Seminar ganztags, Vorbesprechung 08.05.20 09.00 Uhr (Teilnahme an der Vorbesprechung ist obligatorisch)							
Kommentar							
For the Richtungsmodul BIO-B-RM15 a 6-week practical is offered as a separate course.							
For the 8LP Modules (WM1, 3) 2-week practicals are offered.							
Leistungen in Bezug auf das Modul							
PNL	545911 - Vorlesung und Seminar (unbenotet)						

BIO-B-WM2 - Biotechnology A							
79087 VS - Chloroplasten und Photosynthese							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.
Kommentar							
Dieser Kurs findet im Sommersemester 2020 nicht statt!							
This course will not take place in summer semester 2020!							
Leistungen in Bezug auf das Modul							
PNL	546011 - Vorlesung und Seminar (unbenotet)						

79108 VS - Synthetic Biology (Lecture/Seminar)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule							
1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule							
Kommentar							
- lecture slides with audio - online meetings and chats (probably via Zoom) - possibility to ask questions online and offline - discussion of selected publications - further information in the moodle course "Synthetic Biology"							
Leistungen in Bezug auf das Modul							
PNL	546011 - Vorlesung und Seminar (unbenotet)						

BIO-B-WM3 - Protein Science A

79087 VS - Chloroplasten und Photosynthese							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.
Kommentar							
Dieser Kurs findet im Sommersemester 2020 nicht statt!							
This course will not take place in summer semester 2020!							
Leistungen in Bezug auf das Modul							
PNL	546111 - Vorlesung und Seminar (unbenotet)						

79105 VS - Metalloproteine							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Silke Leimkühler
14.09.20 - 25.09.20 Vorlesung/Seminar ganztags, Vorbesprechung 08.05.20 09.00 Uhr (Teilnahme an der Vorbesprechung ist obligatorisch)							
Kommentar							
For the Richtungsmodul BIO-B-RM15 a 6-week practical is offered as a separate course.							
For the 8LP Modules (WM1, 3) 2-week practicals are offered.							
Leistungen in Bezug auf das Modul							
PNL	546111 - Vorlesung und Seminar (unbenotet)						

BIO-B-WM4 - Genome Research and Systems Biology A

78988 VS - Current Aspects and Methods of Plant Cell Biology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
Kommentar							
For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.							
For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.							
Please, contact markus.grebe@uni-potsdam.de for further information.							
Bemerkung							
LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de .							
Leistungen in Bezug auf das Modul							
PNL	546211 - Vorlesung und Seminar (unbenotet)						

79031 VS - Molecular Plant Pathology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	08:00 - 10:00	wöch.	2.25.B2.01	23.04.2020	Prof. Dr. Frederik Börnke, Daniela Spinti, Margot Raffener
1	S	N.N.	N.N.	Block	N.N.	N.N.	Daniela Spinti, Prof. Dr. Frederik Börnke, Margot Raffener
Seminar als Blockveranstaltung nach Vereinbarung.							
Leistungen in Bezug auf das Modul							
PNL	546211 - Vorlesung und Seminar (unbenotet)						

79049 VS - Molecular Microbial Ecology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	14:15 - 15:45	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
1	OS	Mi	16:00 - 17:30	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
Kommentar							
As long as on site lectures and seminars are not possible, lectures will be provided as podcast variants and the annotated slides will be provided in Moodle. One lecture will focus on Corona and diagnostics. Students will get exercises that will be jointly discussed in video conferences. Each student should prepare a seminar talk, e.g. as podcast or live video. Students should prepare questions for the seminar topics at home. As soon as presence teaching is possible lectures and seminars would take place at the Golm campus. The practical course is planned for August or September. Practical help with Corona testing (e.g. qPCR) can be taken as equivalent. The name of the Moodle course will be: Molecular Microbial Ecology 2020							
Leistungen in Bezug auf das Modul							
PNL	546211 - Vorlesung und Seminar (unbenotet)						

79104 S - Cellular Signal Transduction							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz
Kommentar							
The corresponding lecture takes place during winter term and should be attended first. For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course. For the 8LP Modules (WM4,5,6) 2-week practicals are offered. SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers							
Leistungen in Bezug auf das Modul							
PNL	546211 - Vorlesung und Seminar (unbenotet)						

79108 VS - Synthetic Biology (Lecture/Seminar)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule							
1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule							
Kommentar							
- lecture slides with audio - online meetings and chats (probably via Zoom) - possibility to ask questions online and offline - discussion of selected publications - further information in the moodle course "Synthetic Biology"							
Leistungen in Bezug auf das Modul							
PNL	546211 - Vorlesung und Seminar (unbenotet)						

79113 VS - Epigenetics and Epigenomics							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
Kommentar							
Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.							
For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.							
Leistungen in Bezug auf das Modul							
PNL	546211 - Vorlesung und Seminar (unbenotet)						

BIO-B-WM5 - Molecular Biology A							
78988 VS - Current Aspects and Methods of Plant Cell Biology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
Kommentar							
For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.							
For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.							
Please, contact markus.grebe@uni-potsdam.de for further information.							
Bemerkung							
LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de .							

Leistungen in Bezug auf das Modul

PNL 546311 - Vorlesung und Seminar (unbenotet)

**79031 VS - Molecular Plant Pathology**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	08:00 - 10:00	wöch.	2.25.B2.01	23.04.2020	Prof. Dr. Frederik Börnke, Daniela Spinti, Margot Raffener
1	S	N.N.	N.N.	Block	N.N.	N.N.	Daniela Spinti, Prof. Dr. Frederik Börnke, Margot Raffener

Seminar als Blockveranstaltung nach Vereinbarung.

Leistungen in Bezug auf das Modul

PNL 546311 - Vorlesung und Seminar (unbenotet)

**79049 VS - Molecular Microbial Ecology**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	14:15 - 15:45	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
1	OS	Mi	16:00 - 17:30	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner

Kommentar

As long as on site lectures and seminars are not possible, lectures will be provided as podcast variants and the annotated slides will be provided in Moodle. One lecture will focus on Corona and diagnostics. Students will get exercises that will be jointly discussed in video conferences. Each student should prepare a seminar talk, e.g. as podcast or live video. Students should prepare questions for the seminar topics at home. As soon as presence teaching is possible lectures and seminars would take place at the Golm campus.

The practical course is planned for August or September. Practical help with Corona testing (e.g. qPCR) can be taken as equivalent.

The name of the Moodle course will be: Molecular Microbial Ecology 2020

Leistungen in Bezug auf das Modul

PNL 546311 - Vorlesung und Seminar (unbenotet)

**79104 S - Cellular Signal Transduction**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz

Kommentar

The **corresponding lecture** takes place during winter term and should be attended first.

For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered.

SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers

Leistungen in Bezug auf das Modul

PNL 546311 - Vorlesung und Seminar (unbenotet)

79108 VS - Synthetic Biology (Lecture/Seminar)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule							
1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule							
Kommentar							
• lecture slides with audio • online meetings and chats (probably via Zoom) • possibility to ask questions online and offline • discussion of selected publications • further information in the moodle course "Synthetic Biology"							
Leistungen in Bezug auf das Modul							
PNL	546311 - Vorlesung und Seminar (unbenotet)						

79113 VS - Epigenetics and Epigenomics							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
Kommentar							
Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.							
For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.							
Leistungen in Bezug auf das Modul							
PNL	546311 - Vorlesung und Seminar (unbenotet)						

79770 VS - Cell Biology Of Centrosomes And The Nuclear Envelope							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.26.0.53	21.04.2020	Dr. Marianne Grafe, Prof. Dr. Ralph Gräf, Dr. Irene Meyer
1	V	Do	10:00 - 11:30	wöch.	Online.Veransta	23.04.2020	Prof. Dr. Ralph Gräf
Lecture "Zellbiologie Tiere" is given in german. The english lecture "Cell Biology For Life Scientists" is offered every winter term.							
Kommentar							
As long as on-site presence is not allowed, the lecture will be offered as a podcast (German) and the seminar as some kind of web meeting (English). An alternative English lecture will be offered in the winter term. Please check for updates in the Moodle course!							
Moodle Course: Gräf,R.: Wahlpflichtmodul - Zelldynamik und Cytoskelett/Cell Biology of Centrosomes and the Nuclear Envelope							
For the Richtungsmodul BIO-B-RM22 a 6-week practical is offered as a separate course.							
For the 8LP Modules (WM5 and 6) 2-week practicals are offered.							
Leistungen in Bezug auf das Modul							
PNL	546311 - Vorlesung und Seminar (unbenotet)						

BIO-B-WM6 - Cellular and Development Biology A **78988 VS - Current Aspects and Methods of Plant Cell Biology**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							

Kommentar

For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.

For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.

Please, contact markus.grebe@uni-potsdam.de for further information.

Bemerkung

LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de.

Leistungen in Bezug auf das Modul

PNL 546411 - Vorlesung und Seminar (unbenotet)

 79031 VS - Molecular Plant Pathology

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	08:00 - 10:00	wöch.	2.25.B2.01	23.04.2020	Prof. Dr. Frederik Börnke, Daniela Spinti, Margot Raffener
1	S	N.N.	N.N.	Block	N.N.	N.N.	Daniela Spinti, Prof. Dr. Frederik Börnke, Margot Raffener

Seminar als Blockveranstaltung nach Vereinbarung.

Leistungen in Bezug auf das Modul

PNL 546411 - Vorlesung und Seminar (unbenotet)

 79049 VS - Molecular Microbial Ecology

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	14:15 - 15:45	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
1	OS	Mi	16:00 - 17:30	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner

Kommentar

As long as on site lectures and seminars are not possible, lectures will be provided as podcast variants and the annotated slides will be provided in Moodle. One lecture will focus on Corona and diagnostics. Students will get exercises that will be jointly discussed in video conferences. Each student should prepare a seminar talk, e.g. as podcast or live video. Students should prepare questions for the seminar topics at home. As soon as presence teaching is possible lectures and seminars would take place at the Golm campus.

The practical course is planned for August or September. Practical help with Corona testing (e.g. qPCR) can be taken as equivalent.

The name of the Moodle course will be: Molecular Microbial Ecology 2020

Leistungen in Bezug auf das Modul

PNL 546411 - Vorlesung und Seminar (unbenotet)

 79104 S - Cellular Signal Transduction

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz

Kommentar

The **corresponding lecture** takes place during winter term and should be attended first.

For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered.

SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers

Leistungen in Bezug auf das Modul

PNL 546411 - Vorlesung und Seminar (unbenotet)

 79113 VS - Epigenetics and Epigenomics

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford

Kommentar

Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.

Leistungen in Bezug auf das Modul

PNL 546411 - Vorlesung und Seminar (unbenotet)

 79770 VS - Cell Biology Of Centrosomes And The Nuclear Envelope

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.26.0.53	21.04.2020	Dr. Marianne Grafe, Prof. Dr. Ralph Gräf, Dr. Irene Meyer
1	V	Do	10:00 - 11:30	wöch.	Online.Veranstalt	23.04.2020	Prof. Dr. Ralph Gräf

Lecture "Zellbiologie Tiere" is given in german. The english lecture "Cell Biology For Life Scientists" is offered every winter term.

Kommentar

As long as on-site presence is not allowed, the lecture will be offered as a podcast (German) and the seminar as some kind of web meeting (English). An alternative English lecture will be offered in the winter term. Please check for updates in the Moodle course!

Moodle Course: Gräf, R.: Wahlpflichtmodul - Zelldynamik und Cytoskelett/Cell Biology of Centrosomes and the Nuclear Envelope

For the Richtungsmodul BIO-B-RM22 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM5 and 6) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

PNL 546411 - Vorlesung und Seminar (unbenotet)

BIO-B-WM7 - Biochemistry B**78984 B - Theoretische und Praktische Einführung in die Massenspektroskopie**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Jörg Fettke

2 Wochen, Termin nach Vereinbarung, 2.20, AG Biopolymeranalytik

Bemerkung

Kann erst angeboten werden, wenn Präsenzlehre wieder möglich ist!

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

79004 VS - Modern Methods in Light Microscopy

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
Alle	V	Mo	14:15 - 15:45	wöch.	2.26.0.65	20.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
Alle	S	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf, Dr. Irene Meyer, Dr. Marianne Grafe

literature-seminar (1 SWS); en-bloc; time will be announced; both literature seminar and hands-on seminar are obligatory

1	S	Fr	14:00 - 16:00	14t.	2.26.0.53	01.05.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
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hands-on seminar (1 SWS)

2	S	Fr	14:00 - 16:00	14t.	2.26.0.53	24.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
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hands-on seminar (1 SWS)

Kommentar**As long as on-site presence is not allowed:**

- **Lecture** will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27 and will be presented as a podcast and a question/answer session by video. Please contact me (obaumann@uni-potsdam.de) as soon as you register for this module.
- **Hands-on seminar (1 SWS)** will be ~50% online during the lecture period; it will start May 29. The remaining part of the hands-on seminar (1 day in the lab) has to be postponed until on-site presence is allowed again.
- **Literature seminar (1 SWS)** is planned to be after the lecture period en-bloc (1 day) in September or October

Watch out for further information in the Moodle course

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

 79068 VS - Analytische Biochemie II

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	12:15 - 13:45	wöch.	2.25.B2.01	20.04.2020	apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Frank Bier, Prof. Dr. Frieder Scheller
1	S	Di	14:00 - 15:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Frank Bier, apl. Prof. Dr. Ulla Wollenberger

Aktuelle Arbeiten der Bioanalytik und Nanobiotechnologie

Kommentar**As long as no on-site teaching is possible :**

The lecture will be on-line (via Zoom or another conference software) and occasionally as video or as podcast and lecture slides /seminar materials will be provided via Moodle. The seminar will combine home learning with selected publications. Each student should prepare a seminar talk for a blockseminar at the end of the semester. The time will be announced later in the semester for the on-site seminar or an on-line conference, if on-site is not possible. Individual online appointments are possible on request.

The course may be selected as 6 LP module also without a lab course

For the 11 LP module BIO-B-RM1 6 weeks practical is offered for a restricted number only (only when regular on-site teaching will resume)

Bemerkung

Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

 79087 VS - Chloroplasten und Photosynthese

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.

Kommentar

Dieser Kurs findet im Sommersemester 2020 nicht statt!

This course will not take place in summer semester 2020!

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

 79105 VS - Metalloproteine

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Silke Leimkühler

14.09.20 - 25.09.20 Vorlesung/Seminar ganztags, Vorbesprechung 08.05.20 09.00 Uhr (Teilnahme an der Vorbesprechung ist obligatorisch)

Kommentar

For the Richtungsmodul BIO-B-RM15 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM1, 3) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

 79114 VS - Presentation skills for life scientists

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Di	08:15 - 09:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Michael Lenhard
How to give presentations							
1	S	Di	10:00 - 11:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Isabel Bäurle
Journal reading club							

Kommentar

Online teaching adjustments: Reading club part will train written presentation skills by writing a summary of a research article answering a set of question.

The presentations skills ("How to give presentations" part) will take place in an online format. You will be asked to record your presentations as a video, submit them, every participant in the course will be asked to comment on the presentation, and then you will need to prepare an improved presentation for the next week.

More details on the precise procedure for the presentation training will be send around later, once you have registered for the course.

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

 79473 VU - Biophysik der Zelle

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
Alle	V	Mi	12:15 - 13:45	wöch.	2.28.1.001	22.04.2020	Prof. Dr. Carsten Beta
1	U	Fr	12:15 - 13:45	14t.	2.28.1.001	01.05.2020	Setareh Sharifi Panah
2	S	Fr	12:15 - 13:45	wöch.	2.28.1.001	24.04.2020	Setareh Sharifi Panah

Kommentar

The class "Biophysik der Zelle / Cellular Biophysics" will take place. However, due to the corona-related restrictions, we will have to rely on online teaching tools.

PULS registration will open on April 20. Please register via PULS as soon as possible. Once you have registered, we can contact you by email with further details. In addition to PULS registration, you may also send an email to biophys@uni-potsdam.de to make sure that we get your contact details in time.

The first session will take place on Wednesday, April 22, at 12:15h via Zoom. As soon as we have your email contact, we will send you further information on how to access the Zoom meeting. During the first session, we will provide all necessary details regarding the online teaching resources, operation of the exercises and tutorials etc.

If you have further questions or concerns, do not hesitate to contact us via biophys@uni-potsdam.de.

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

 79641 VS - Physical Methods in Live Cell Imaging

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	14:15 - 15:45	wöch.	N.N. (AG)	20.04.2020	Prof. Dr. Salvatore Chiantia
First lectures in 2.26.0.65							
1	S	Di	14:15 - 15:45	14t.	N.N. (AG)	28.04.2020	Valentin Dunsing, Prof. Dr. Salvatore Chiantia, Madlen Luckner
Literature Seminar (1 SWS); both seminars are obligatory							
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin

							Dunsing, Madlen Luckner
hands-on seminar (1 SWS); en-bloc; time will be announced; both seminars are obligatory							
Kommentar							
In case that on-site presence is not allowed: Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27th and will be presented as a podcast and a question/answer session by video. The hands-on session was originally planned as a 2-day experience in the lab. This will have to be postponed to a later time (flexible arrangement possible). Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.							
Leistungen in Bezug auf das Modul							
PNL	546511 - Vorlesung und Seminar (unbenotet)						

80027 VS - Modern Aspects of Biochemistry and Analytics of Carbohydrates							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Fr	08:15 - 09:45	wöch.	2.25.B0.01	24.04.2020	Dr. Stefanie Barbirz, apl. Prof. Dr. Jörg Fettke
1	S	Fr	10:15 - 11:45	wöch.	2.25.B0.01	24.04.2020	Dr. Stefanie Barbirz, apl. Prof. Dr. Jörg Fettke
Kommentar							
Course description for online course 2020 Carbohydrates or glycans occur ubiquitously in nature. They fulfill a multitude of functions described by various scientific disciplines that meet in the highly interdisciplinary field of glycobiology. Aim of this course is to give a state-of-the art overview on topics related to modern glycosciences. In the first part of the course we will summarize and deepen basic knowledge on carbohydrate organic chemistry, biophysics and analytical and bioinformatics tools. These fundamentals set the basis for the second part of the course where we will work on actual glycan-related research topics. Part 1, Fundamentals: Glycan building blocks and their chemistry, glycan structure and analytics, lectins and glycan recognition, protein glycosylation Part 2, Current Topics : Lectin function and pathogenesis in mammals, Glycans in immunology, Glycans in microbiology (structures, pathogenesis, microbiome), modern analytical techniques for glycosciences. The course will be fully online, please register to the course on Moodle (Search term: Glycan2020, Key: Fructose) to find out all details. Please do not hesitate to contact me in case of any questions: barbirz@uni-potsdam.de							
Leistungen in Bezug auf das Modul							
PNL	546511 - Vorlesung und Seminar (unbenotet)						

81817 VS - Current Research on Campus							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	16:00 - 17:30	wöch.	Online.Veransta	20.04.2020	Prof. Dr. Michael Lenhard, Prof. Dr. Ralph Gräf, Dr. rer. nat. Michael Sauer, apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Petra Wendler, Prof. Dr. Markus Grebe, Prof. Dr. Salvatore Chiantia, Dr. Irene Meyer, Prof. Dr. Katja Arndt, apl. Prof. Dr. Otto Baumann, Prof. Dr. Katja Hanack, Dr. rer. nat. Anja Thalhammer, Prof. Dr. Silke Leimkühler, Prof. Dr. Robert Seckler, Prof.

							Dr. Salim Seyfried, Prof. Dr. Isabel Baurle
1	S	Do	12:15 - 13:45	wöch.	Online.Veranstalt	23.04.2020	Prof. Dr. Salvatore Chiantia, Prof. Dr. Ralph Gräf, Prof. Dr. Katja Arndt, apl. Prof. Dr. Otto Baumann, Prof. Dr. Salim Seyfried, Prof. Dr. Markus Grebe, Prof. Dr. Michael Lenhard, Prof. Dr. Petra Wendler, Dr. Irene Meyer, Dr. rer. nat. Michael Sauer, apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Robert Seckler, Prof. Dr. Silke Leimkühler, Prof. Dr. Katja Hanack, Dr. rer. nat. Anja Thalhammer, Prof. Dr. Isabel Baurle

Kommentar

In this module the group leaders working in the field of Biochemistry and Molecular Biology will present their current research topics.

As long as on-site presence is not allowed, the lecture will be offered either as a podcast or live using a conference software. The seminar part will be held in one block of one or two days at the end of the semester.

Everyone who wants to take this module, please register in PULS and join the Moodle Course "Current Research On Campus".

Everyone who is just interested in listening to the lectures is welcome as well, please join the Moodle course for more information.

20.4.: Prof. Gräf, Cell Biology
27.4.: Prof. Wendler, Biochemistry
4.5.: Prof. Lenhard, Genetics
11.5.: Dr. Thalhammer, Physical Biochemistry
18.5.: Prof. Seyfried, Animal Physiology
25.5.: Prof. Dittmann, Microbiology
1.6.: Prof. Chiantia, Physical Cell Biochemistry
8.6.: Prof. Arndt, Molecular Biotechnology
15.6.: Prof. Müller-Röber, Molecular Biology
22.6.: Prof. Wollenberger, Analytical Biochemistry and Prof. Bier, Molecular Bioanalytic und Bioelektronik
29.6.: Prof. Leimkühler, Molecular Enzymology
6.7.: Prof. Grebe, Plant Physiology
13.7.: Prof. Hanack, Immune Technology
20.7.: Prof. Baumann, Microscopy

Leistungen in Bezug auf das Modul

PNL 546511 - Vorlesung und Seminar (unbenotet)

BIO-B-WM8 - Biotechnology B

78984 B - Theoretische und Praktische Einführung in die Massenspektroskopie							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Jörg Fettke
2 Wochen, Termin nach Vereinbarung, 2.20, AG Biopolymeranalytik							

Bemerkung

Kann erst angeboten werden, wenn Präsenzlehre wieder möglich ist!

Leistungen in Bezug auf das Modul

PNL 546611 - Vorlesung und Seminar (unbenotet)

79071 B - Programming with R

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Kurs auch für Doktoranden und Postdocs. Termine an 4 Tagen in 1 Woche im September, 21.9. Info: dgroth@uni-potsdam.de							
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Optionale Projektarbeit zu statistischer Datenauswertung mit R. Eigene Daten können ebenfalls bearbeitet werden.							

Kommentar

If presence teaching is not possible in September:

Lecture will take place as E-learning course with video materials and PDF files of the lecture slides.

Exercise part will be supported using padup-chats and homework tasks.

Leistungen in Bezug auf das Modul

PNL 546611 - Vorlesung und Seminar (unbenotet)

79087 VS - Chloroplasten und Photosynthese

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.

Kommentar

Dieser Kurs findet im Sommersemester 2020 nicht statt!

This course will not take place in summer semester 2020!

Leistungen in Bezug auf das Modul

PNL 546611 - Vorlesung und Seminar (unbenotet)

79108 VS - Synthetic Biology (Lecture/Seminar)

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule							
1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule							

Kommentar

- lecture slides with audio
- online meetings and chats (probably via Zoom)
- possibility to ask questions online and offline
- discussion of selected publications
- further information in the moodle course "Synthetic Biology"

Leistungen in Bezug auf das Modul

PNL 546611 - Vorlesung und Seminar (unbenotet)

79114 VS - Presentation skills for life scientists

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Di	08:15 - 09:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Michael Lenhard
How to give presentations							
1	S	Di	10:00 - 11:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Isabel Bäurle
Journal reading club							

Kommentar

Online teaching adjustments: Reading club part will train written presentation skills by writing a summary of a research article answering a set of question.

The presentations skills ("How to give presentations" part) will take place in an online format. You will be asked to record your presentations as a video, submit them, every participant in the course will be asked to comment on the presentation, and then you will need to prepare an improved presentation for the next week.

More details on the precise procedure for the presentation training will be send around later, once you have registered for the course.

Leistungen in Bezug auf das Modul

PNL 546611 - Vorlesung und Seminar (unbenotet)

BIO-B-WM9 - Protein Science B**78984 B - Theoretische und Praktische Einführung in die Massenspektroskopie**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Jörg Fettke

2 Wochen, Termin nach Vereinbarung, 2.20, AG Biopolymeranalytik

Bemerkung

Kann erst angeboten werden, wenn Präsenzlehre wieder möglich ist!

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79004 VS - Modern Methods in Light Microscopy

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
Alle	V	Mo	14:15 - 15:45	wöch.	2.26.0.65	20.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
Alle	S	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf, Dr. Irene Meyer, Dr. Marianne Grafe
literature-seminar (1 SWS); en-bloc; time will be announced; both literature seminar and hands-on seminar are obligatory							
1	S	Fr	14:00 - 16:00	14t.	2.26.0.53	01.05.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
hands-on seminar (1 SWS)							
2	S	Fr	14:00 - 16:00	14t.	2.26.0.53	24.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
hands-on seminar (1 SWS)							

Kommentar**As long as on-site presence is not allowed:**

- **Lecture** will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27 and will be presented as a podcast and a question/answer session by video. Please contact me (obaumann@uni-potsdam.de) as soon as you register for this module.
- **Hands-on seminar (1 SWS)** will be ~50% online during the lecture period; it will start May 29. The remaining part of the hands-on seminar (1 day in the lab) has to be postponed until on-site presence is allowed again.
- **Literature seminar (1 SWS)** is planned to be after the lecture period en-bloc (1 day) in September or October

Watch out for further information in the Moodle course

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79068 VS - Analytische Biochemie II							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	12:15 - 13:45	wöch.	2.25.B2.01	20.04.2020	apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Frank Bier, Prof. Dr. Frieder Scheller
1	S	Di	14:00 - 15:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Frank Bier, apl. Prof. Dr. Ulla Wollenberger

Aktuelle Arbeiten der Bioanalytik und Nanobiotechnologie

Kommentar**As long as no on-site teaching is possible :**

The lecture will be on-line (via Zoom or another conference software) and occasionally as video or as podcast and lecture slides /seminar materials will be provided via Moodle. The seminar will combine home learning with selected publications. Each student should prepare a seminar talk for a blockseminar at the end of the semester. The time will be announced later in the semester for the on-site seminar or an on-line conference, if on-site is not possible. Individual online appointments are possible on request.

The course may be selected as 6 LP module also without a lab course

For the 11 LP module BIO-B-RM1 6 weeks practical is offered for a restricted number only (only when regular on-site teaching will resume)

Bemerkung

Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79071 B - Programming with R							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Kurs auch für Doktoranden und Postdocs. Termine an 4 Tagen in 1 Woche im September, 21.9. Info: dgroth@uni-potsdam.de							
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Optionale Projektarbeit zu statistischer Datenauswertung mit R. Eigene Daten können ebenfalls bearbeitet werden.							

Kommentar

If presence teaching is not possible in September:

Lecture will take place as E-learning course with video materials and PDF files of the lecture slides.

Exercise part will be supported using padup-chats and homework tasks.

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79087 VS - Chloroplasten und Photosynthese							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.	N.N.

Kommentar

Dieser Kurs findet im Sommersemester 2020 nicht statt!

This course will not take place in summer semester 2020!

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79105 VS - Metalloproteine

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Silke Leimkühler
14.09.20 - 25.09.20 Vorlesung/Seminar ganztags, Vorbesprechung 08.05.20 09.00 Uhr (Teilnahme an der Vorbesprechung ist obligatorisch)							

Kommentar

For the Richtungsmodul BIO-B-RM15 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM1, 3) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79114 VS - Presentation skills for life scientists

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Di	08:15 - 09:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Michael Lenhard
How to give presentations							
1	S	Di	10:00 - 11:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Isabel Bäurle
Journal reading club							

Kommentar

Online teaching adjustments: Reading club part will train written presentation skills by writing a summary of a research article answering a set of question.

The presentations skills ("How to give presentations" part) will take place in an online format. You will be asked to record your presentations as a video, submit them, every participant in the course will be asked to comment on the presentation, and then you will need to prepare an improved presentation for the next week.

More details on the precise procedure for the presentation training will be send around later, once you have registered for the course.

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

79641 VS - Physical Methods in Live Cell Imaging

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	14:15 - 15:45	wöch.	N.N. (AG)	20.04.2020	Prof. Dr. Salvatore Chiantia
First lectures in 2.26.0.65							
1	S	Di	14:15 - 15:45	14t.	N.N. (AG)	28.04.2020	Valentin Dunsing, Prof. Dr. Salvatore Chiantia, Madlen Luckner
Literature Seminar (1 SWS); both seminars are obligatory							
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin Dunsing, Madlen Luckner
hands-on seminar (1 SWS); en-bloc; time will be announced; both seminars are obligatory							

Kommentar

In case that on-site presence is not allowed:

Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27th and will be presented as a podcast and a question/answer session by video.

The hands-on session was originally planned as a 2-day experience in the lab. This will have to be postponed to a later time (flexible arrangement possible).

Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

80027 VS - Modern Aspects of Biochemistry and Analytics of Carbohydrates

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Fr	08:15 - 09:45	wöch.	2.25.B0.01	24.04.2020	Dr. Stefanie Barbirz, apl. Prof. Dr. Jörg Fettke
1	S	Fr	10:15 - 11:45	wöch.	2.25.B0.01	24.04.2020	Dr. Stefanie Barbirz, apl. Prof. Dr. Jörg Fettke

Kommentar**Course description for online course 2020**

Carbohydrates or glycans occur ubiquitously in nature. They fulfill a multitude of functions described by various scientific disciplines that meet in the highly interdisciplinary field of glycobiology. Aim of this course is to give a state-of-the art overview on topics related to modern glycosciences. In the first part of the course we will summarize and deepen basic knowledge on carbohydrate organic chemistry, biophysics and analytical and bioinformatics tools. These fundamentals set the basis for the second part of the course where we will work on actual glycan-related research topics.

Part 1, Fundamentals: Glycan building blocks and their chemistry, glycan structure and analytics, lectins and glycan recognition, protein glycosylation

Part 2, Current Topics : Lectin function and pathogenesis in mammals, Glycans in immunology, Glycans in microbiology (structures, pathogenesis, microbiome), modern analytical techniques for glycosciences.

The course will be fully online, please register to the course on Moodle (Search term: Glycan2020, Key: Fructose) to find out all details. Please do not hesitate to contact me in case of any questions: barbirz@uni-potsdam.de

Leistungen in Bezug auf das Modul

PNL 546711 - Vorlesung und Seminar (unbenotet)

BIO-B-WM10 - Genome Research and Systems Biology B**78988 VS - Current Aspects and Methods of Plant Cell Biology**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							

Kommentar

For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.

For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.

Please, contact markus.grebe@uni-potsdam.de for further information.

Bemerkung

LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

79031 VS - Molecular Plant Pathology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	08:00 - 10:00	wöch.	2.25.B2.01	23.04.2020	Prof. Dr. Frederik Börnke, Daniela Spinti, Margot Raffener
1	S	N.N.	N.N.	Block	N.N.	N.N.	Daniela Spinti, Prof. Dr. Frederik Börnke, Margot Raffener

Seminar als Blockveranstaltung nach Vereinbarung.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

79035 VS - Phylogenetics in Evolution and Ecology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Dr. Faysal Bibi

two week block course: 14-25 Sep 2020, from 10-17h, at the Museum für Naturkunde

Kommentar

This course provides an intensive, hands-on introduction to phylogenetic analytical methods as applied to evolutionary and ecological approaches, including paleontology. Topics covered include parsimony and Bayesian analytical methods, the combined use of morphological and molecular data, and molecular divergence estimates using fossils. Students should bring a laptop that they can use to download and run open-source software such as Mesquite, Beast, and TNT (we do this together in class). A basic background knowledge of evolution and phylogenetic theory is recommended.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

79049 VS - Molecular Microbial Ecology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	14:15 - 15:45	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
1	OS	Mi	16:00 - 17:30	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner

Kommentar

As long as on site lectures and seminars are not possible, lectures will be provided as podcast variants and the annotated slides will be provided in Moodle. One lecture will focus on Corona and diagnostics. Students will get exercises that will be jointly discussed in video conferences. Each student should prepare a seminar talk, e.g. as podcast or live video. Students should prepare questions for the seminar topics at home. As soon as presence teaching is possible lectures and seminars would take place at the Golm campus.

The practical course is planned for August or September. Practical help with Corona testing (e.g. qPCR) can be taken as equivalent.

The name of the Moodle course will be: Molecular Microbial Ecology 2020

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

79071 B - Programming with R							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Kurs auch für Doktoranden und Postdocs. Termine an 4 Tagen in 1 Woche im September, 21.9. Info: dgroth@uni-potsdam.de							
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Optionale Projektarbeit zu statistischer Datenauswertung mit R. Eigene Daten können ebenfalls bearbeitet werden.							
Kommentar							
If presence teaching is not possible in September: Lecture will take place as E-learning course with video materials and PDF files of the lecture slides. Exercise part will be supported using padup-chats and homework tasks.							
Leistungen in Bezug auf das Modul							
PNL	546811 - Vorlesung und Seminar (unbenotet)						

79104 S - Cellular Signal Transduction							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz
Kommentar							
The corresponding lecture takes place during winter term and should be attended first. For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course. For the 8LP Modules (WM4,5,6) 2-week practicals are offered. SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers							
Leistungen in Bezug auf das Modul							
PNL	546811 - Vorlesung und Seminar (unbenotet)						

79108 VS - Synthetic Biology (Lecture/Seminar)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule							
1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule							
Kommentar							
- lecture slides with audio - online meetings and chats (probably via Zoom) - possibility to ask questions online and offline - discussion of selected publications - further information in the moodle course "Synthetic Biology"							
Leistungen in Bezug auf das Modul							
PNL	546811 - Vorlesung und Seminar (unbenotet)						

79113 VS - Epigenetics and Epigenomics							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford

Kommentar

Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

79114 VS - Presentation skills for life scientists							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Di	08:15 - 09:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Michael Lenhard
How to give presentations							
1	S	Di	10:00 - 11:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Isabel Bäurle
Journal reading club							

Kommentar

Online teaching adjustments: Reading club part will train written presentation skills by writing a summary of a research article answering a set of question.

The presentations skills ("How to give presentations" part) will take place in an online format. You will be asked to record your presentations as a video, submit them, every participant in the course will be asked to comment on the presentation, and then you will need to prepare an improved presentation for the next week.

More details on the precise procedure for the presentation training will be send around later, once you have registered for the course.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

79641 VS - Physical Methods in Live Cell Imaging							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	14:15 - 15:45	wöch.	N.N. (AG)	20.04.2020	Prof. Dr. Salvatore Chiantia
First lectures in 2.26.0.65							
1	S	Di	14:15 - 15:45	14t.	N.N. (AG)	28.04.2020	Valentin Dunsing, Prof. Dr. Salvatore Chiantia, Madlen Luckner
Literature Seminar (1 SWS); both seminars are obligatory							
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin Dunsing, Madlen Luckner
hands-on seminar (1 SWS); en-bloc; time will be announced; both seminars are obligatory							

Kommentar

In case that on-site presence is not allowed:

Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April

27th and will be presented as a podcast and a question/answer session by video.

The hands-on session was originally planned as a 2-day experience in the lab. This will have to be postponed to a later time (flexible arrangement possible).

Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

80057 VS - Machine learning in bioinformatics for MS BAM

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	10:15 - 11:45	wöch.	2.25.B0.01	22.04.2020	Dr. Detlef Groth, apl. Prof. Dr. Dirk Walther
1	S	Mi	12:15 - 13:45	wöch.	2.25.D0.01	22.04.2020	Dr. Detlef Groth, apl. Prof. Dr. Dirk Walther

Kommentar

Good knowledge in R programming is required.

Lecture takes place as E-learning course with video materials and PDF files of the lecture slides.

Exercise will be supported using padup-chats and homework tasks.

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

81629 VS - Genetic and genomic basis of evolutionary change

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Fr	08:15 - 09:45	wöch.	2.25.B2.01	24.04.2020	Prof. Dr. Michael Hofreiter, Dr. rer. nat. Sereina Rutschmann, Remco Folkertsma, Federica Alberti
1	S	Fr	10:15 - 11:45	wöch.	2.25.B2.01	24.04.2020	Prof. Dr. Michael Hofreiter, Dr. rer. nat. Sereina Rutschmann, Remco Folkertsma, Federica Alberti

Kommentar

The course "Genetic and genomic basis of evolutionary change", comprising a lecture and seminar, will take place in the upcoming summer term 2020 in the form of an **online course**.

We will provide you with **teaching slides along with technical literature**. As part of the **interactive learning**, we will give you for each topic 1) short answer questions and in-depth problems and 2) research papers. For both, you are required to send us the answer and feedback every week (approx. 1-2 pages).

Every two weeks, we will (if technically possible) schedule an online meeting. These meetings will give you the opportunity to directly interact with the lecturer (the attendance is voluntary). If possible we will provide you with additional autodidactic tools.

Please register for this course in PULS. At the beginning of the semester, you will receive an email with further details about the course. If you have any questions, please get in touch via email (srutschmann@uni-potsdam.de).

Leistungen in Bezug auf das Modul

PNL 546811 - Vorlesung und Seminar (unbenotet)

BIO-B-WM11 - Molecular Biology B **78988 VS - Current Aspects and Methods of Plant Cell Biology**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							

Kommentar

For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.

For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.

Please, contact markus.grebe@uni-potsdam.de for further information.

Bemerkung

LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

 79004 VS - Modern Methods in Light Microscopy

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
Alle	V	Mo	14:15 - 15:45	wöch.	2.26.0.65	20.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
Alle	S	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf, Dr. Irene Meyer, Dr. Marianne Grafe
literature-seminar (1 SWS); en-bloc; time will be announced; both literature seminar and hands-on seminar are obligatory							
1	S	Fr	14:00 - 16:00	14t.	2.26.0.53	01.05.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
hands-on seminar (1 SWS)							
2	S	Fr	14:00 - 16:00	14t.	2.26.0.53	24.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
hands-on seminar (1 SWS)							

Kommentar**As long as on-site presence is not allowed:**

- **Lecture** will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27 and will be presented as a podcast and a question/answer session by video. Please contact me (obaumann@uni-potsdam.de) as soon as you register for this module.
- **Hands-on seminar (1 SWS)** will be ~50% online during the lecture period; it will start May 29. The remaining part of the hands-on seminar (1 day in the lab) has to be postponed until on-site presence is allowed again.
- **Literature seminar (1 SWS)** is planned to be after the lecture period en-bloc (1 day) in September or October

Watch out for further information in the Moodle course

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79031 VS - Molecular Plant Pathology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	08:00 - 10:00	wöch.	2.25.B2.01	23.04.2020	Prof. Dr. Frederik Börnke, Daniela Spinti, Margot Raffener
1	S	N.N.	N.N.	Block	N.N.	N.N.	Daniela Spinti, Prof. Dr. Frederik Börnke, Margot Raffener

Seminar als Blockveranstaltung nach Vereinbarung.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79035 VS - Phylogenetics in Evolution and Ecology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VS	N.N.	N.N.	Block	N.N.	N.N.	Dr. Faysal Bibi

two week block course: 14-25 Sep 2020, from 10-17h, at the Museum für Naturkunde

Kommentar

This course provides an intensive, hands-on introduction to phylogenetic analytical methods as applied to evolutionary and ecological approaches, including paleontology. Topics covered include parsimony and Bayesian analytical methods, the combined use of morphological and molecular data, and molecular divergence estimates using fossils. Students should bring a laptop that they can use to download and run open-source software such as Mesquite, Beast, and TNT (we do this together in class). A basic background knowledge of evolution and phylogenetic theory is recommended.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79049 VS - Molecular Microbial Ecology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	14:15 - 15:45	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
1	OS	Mi	16:00 - 17:30	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner

Kommentar

As long as on site lectures and seminars are not possible, lectures will be provided as podcast variants and the annotated slides will be provided in Moodle. One lecture will focus on Corona and diagnostics. Students will get exercises that will be jointly discussed in video conferences. Each student should prepare a seminar talk, e.g. as podcast or live video. Students should prepare questions for the seminar topics at home. As soon as presence teaching is possible lectures and seminars would take place at the Golm campus.

The practical course is planned for August or September. Practical help with Corona testing (e.g. qPCR) can be taken as equivalent.

The name of the Moodle course will be: Molecular Microbial Ecology 2020

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79071 B - Programming with R							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Kurs auch für Doktoranden und Postdocs. Termine an 4 Tagen in 1 Woche im September, 21.9. Info: dgroth@uni-potsdam.de							
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth

Optionale Projektarbeit zu statistischer Datenauswertung mit R. Eigene Daten können ebenfalls bearbeitet werden.

Kommentar

If presence teaching is not possible in September:

Lecture will take place as E-learning course with video materials and PDF files of the lecture slides.

Exercise part will be supported using padup-chats and homework tasks.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79104 S - Cellular Signal Transduction							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-Rube, Prof. Dr. Tim Schulz

Kommentar

The **corresponding lecture** takes place during winter term and should be attended first.

For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered.

SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79108 VS - Synthetic Biology (Lecture/Seminar)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VU	Di	12:15 - 13:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Katja Arndt
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule							
1	BL	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Katja Arndt
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule							

Kommentar

- lecture slides with audio
- online meetings and chats (probably via Zoom)
- possibility to ask questions online and offline
- discussion of selected publications
- further information in the moodle course "Synthetic Biology"

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79113 VS - Epigenetics and Epigenomics							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford

Kommentar

Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

**79114 VS - Presentation skills for life scientists**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Di	08:15 - 09:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Michael Lenhard
How to give presentations							
1	S	Di	10:00 - 11:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Isabel Bäurle
Journal reading club							

Kommentar

Online teaching adjustments: Reading club part will train written presentation skills by writing a summary of a research article answering a set of question.

The presentations skills ("How to give presentations" part) will take place in an online format. You will be asked to record your presentations as a video, submit them, every participant in the course will be asked to comment on the presentation, and then you will need to prepare an improved presentation for the next week.

More details on the precise procedure for the presentation training will be send around later, once you have registered for the course.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

**79641 VS - Physical Methods in Live Cell Imaging**

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	14:15 - 15:45	wöch.	N.N. (AG)	20.04.2020	Prof. Dr. Salvatore Chiantia
First lectures in 2.26.0.65							
1	S	Di	14:15 - 15:45	14t.	N.N. (AG)	28.04.2020	Valentin Dunsing, Prof. Dr. Salvatore Chiantia, Madlen Luckner
Literature Seminar (1 SWS); both seminars are obligatory							
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin Dunsing, Madlen Luckner
hands-on seminar (1 SWS); en-bloc; time will be announced; both seminars are obligatory							

Kommentar

In case that on-site presence is not allowed:

Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27th and will be presented as a podcast and a question/answer session by video.

The hands-on session was originally planned as a 2-day experience in the lab. This will have to be postponed to a later time (flexible arrangement possible).

Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

79770 VS - Cell Biology Of Centrosomes And The Nuclear Envelope							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.26.0.53	21.04.2020	Dr. Marianne Grafe, Prof. Dr. Ralph Gräf, Dr. Irene Meyer
1	V	Do	10:00 - 11:30	wöch.	Online.Veranstalt	23.04.2020	Prof. Dr. Ralph Gräf

Lecture "Zellbiologie Tiere" is given in german. The english lecture "Cell Biology For Life Scientists" is offered every winter term.

Kommentar

As long as on-site presence is not allowed, the lecture will be offered as a podcast (German) and the seminar as some kind of web meeting (English). An alternative English lecture will be offered in the winter term. Please check for updates in the Moodle course!

Moodle Course: Gräf,R.: Wahlpflichtmodul - Zelldynamik und Cytoskelett/Cell Biology of Centrosomes and the Nuclear Envelope

For the Richtungsmodul BIO-B-RM22 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM5 and 6) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

81629 VS - Genetic and genomic basis of evolutionary change							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Fr	08:15 - 09:45	wöch.	2.25.B2.01	24.04.2020	Prof. Dr. Michael Hofreiter, Dr. rer. nat. Sereina Rutschmann, Remco Folkertsma, Federica Alberti
1	S	Fr	10:15 - 11:45	wöch.	2.25.B2.01	24.04.2020	Prof. Dr. Michael Hofreiter, Dr. rer. nat. Sereina Rutschmann, Remco Folkertsma, Federica Alberti

Kommentar

The course "Genetic and genomic basis of evolutionary change", comprising a lecture and seminar, will take place in the upcoming summer term 2020 in the form of an **online course**.

We will provide you with **teaching slides along with technical literature**. As part of the **interactive learning**, we will give you for each topic 1) short answer questions and in-depth problems and 2) research papers. For both, you are required to send us the answer and feedback every week (approx. 1-2 pages).

Every two weeks, we will (if technically possible) schedule an online meeting. These meetings will give you the opportunity to directly interact with the lecturer (the attendance is voluntary). If possible we will provide you with additional autodidactic tools.

Please register for this course in PULS. At the beginning of the semester, you will receive an email with further details about the course. If you have any questions, please get in touch via email (rutschmann@uni-potsdam.de).

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

81817 VS - Current Research on Campus							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	16:00 - 17:30	wöch.	Online.Veranstalt	20.04.2020	Prof. Dr. Michael Lenhard, Prof. Dr. Ralph Gräf, Dr. rer. nat. Michael Sauer, apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Petra Wendler, Prof.

							Dr. Markus Grebe, Prof. Dr. Salvatore Chiantia, Dr. Irene Meyer, Prof. Dr. Katja Arndt, apl. Prof. Dr. Otto Baumann, Prof. Dr. Katja Hanack, Dr. rer. nat. Anja Thalhammer, Prof. Dr. Silke Leimkühler, Prof. Dr. Robert Seckler, Prof. Dr. Salim Seyfried, Prof. Dr. Isabel Bäurle
1	S	Do	12:15 - 13:45	wöch.	Online.Veransta	23.04.2020	Prof. Dr. Salvatore Chiantia, Prof. Dr. Ralph Gräf, Prof. Dr. Katja Arndt, apl. Prof. Dr. Otto Baumann, Prof. Dr. Salim Seyfried, Prof. Dr. Markus Grebe, Prof. Dr. Michael Lenhard, Prof. Dr. Petra Wendler, Dr. rer. nat. Michael Sauer, apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Robert Seckler, Prof. Dr. Silke Leimkühler, Prof. Dr. Katja Hanack, Dr. rer. nat. Anja Thalhammer, Prof. Dr. Isabel Bäurle

Kommentar

In this module the group leaders working in the field of Biochemistry and Molecular Biology will present their current research topics.

As long as on-site presence is not allowed, the lecture will be offered either as a podcast or live using a conference software. The seminar part will be held in one block of one or two days at the end of the semester.

Everyone who wants to take this module, please register in PULS and join the Moodle Course "Current Research On Campus".

Everyone who is just interested in listening to the lectures is welcome as well, please join the Moodle course for more information.

20.4.: Prof. Gräf, Cell Biology
27.4.: Prof. Wendler, Biochemistry
4.5.: Prof. Lenhard, Genetics
11.5.: Dr. Thalhammer, Physical Biochemistry
18.5.: Prof. Seyfried, Animal Physiology
25.5.: Prof. Dittmann, Microbiology
1.6.: Prof. Chiantia, Physical Cell Biochemistry
8.6.: Prof. Arndt, Molecular Biotechnology
15.6.: Prof. Müller-Röber, Molecular Biology
22.6.: Prof. Wollenberger, Analytical Biochemistry and Prof. Bier, Molecular Bioanalytic und Bioelektronik
29.6.: Prof. Leimkühler, Molecular Enzymology
6.7.: Prof. Grebe, Plant Physiology
13.7.: Prof. Hanack, Immune Technology
20.7.: Prof. Baumann, Microscopy

Leistungen in Bezug auf das Modul

PNL 546911 - Vorlesung und Seminar (unbenotet)

BIO-B-WM12 - Cellular and Development Biology B

78988 VS - Current Aspects and Methods of Plant Cell Biology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Seminar als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
1	V	N.N.	N.N.	wöch.	N.N.	N.N.	Prof. Dr. Markus Grebe
Vorlesung als Teil des Richtungsmoduls und der Wahlpflichtmodule. Termin nach Vereinbarung: mgrebe@uni-potsdam.de							
Kommentar							
For the orientation module (Richtungsmodul) BIO-B-RM2 a 6-week practical is offered as a separate course during the lecture-free, depending on the further development of the COVID19 pandemic.							
For the 8 LP Modules (WM 4, 5, 6) 2-week practicals are offered during the lecture-free period in summer 2020, depending on the further development of the COVID19 pandemic.							
Please, contact markus.grebe@uni-potsdam.de for further information.							
Bemerkung							
LECTURE and SEMINAR: Weekly throughout the semester from April 20, 2020. 2 x 45 min lecture, 2 x 45 min seminar, Monday from 12.30-15.30 h, either on-line via Zoom and lecture/seminar materials provided via Moodle or (depending on the development of the COVID19 pandemic) on-site Campus Golm, building 20, room 0.01. Please, contact markus.grebe@uni-potsdam.de .							
Leistungen in Bezug auf das Modul							
PNL	547011 - Vorlesung und Seminar (unbenotet)						

79004 VS - Modern Methods in Light Microscopy							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
Alle	V	Mo	14:15 - 15:45	wöch.	2.26.0.65	20.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
Alle	S	N.N.	N.N.	Block	N.N.	N.N.	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf, Dr. Irene Meyer, Dr. Marianne Grafe
literature-seminar (1 SWS); en-bloc; time will be announced; both literature seminar and hands-on seminar are obligatory							
1	S	Fr	14:00 - 16:00	14t.	2.26.0.53	01.05.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
hands-on seminar (1 SWS)							
2	S	Fr	14:00 - 16:00	14t.	2.26.0.53	24.04.2020	apl. Prof. Dr. Otto Baumann, Prof. Dr. Ralph Gräf
hands-on seminar (1 SWS)							
Kommentar							
As long as on-site presence is not allowed: - Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27 and will be presented as a podcast and a question/answer session by video. Please contact me (obaumann@uni-potsdam.de) as soon as you register for this module. - Hands-on seminar (1 SWS) will be ~50% online during the lecture period; it will start May 29. The remaining part of the hands-on seminar (1 day in the lab) has to be postponed until on-site presence is allowed again. - Literature seminar (1 SWS) is planned to be after the lecture period en-bloc (1 day) in September or October Watch out for further information in the Moodle course							
Leistungen in Bezug auf das Modul							
PNL	547011 - Vorlesung und Seminar (unbenotet)						

79031 VS - Molecular Plant Pathology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Do	08:00 - 10:00	wöch.	2.25.B2.01	23.04.2020	Prof. Dr. Frederik Börnke, Daniela Spinti, Margot Raffener
1	S	N.N.	N.N.	Block	N.N.	N.N.	Daniela Spinti, Prof. Dr. Frederik Börnke, Margot Raffener

Seminar als Blockveranstaltung nach Vereinbarung.

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79049 VS - Molecular Microbial Ecology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mi	14:15 - 15:45	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner
1	OS	Mi	16:00 - 17:30	wöch.	2.25.B0.01	22.04.2020	Prof. Dr. Elke Dittmann-Thünemann, Prof. Dr. Susanne Liebner

Kommentar

As long as on site lectures and seminars are not possible, lectures will be provided as podcast variants and the annotated slides will be provided in Moodle. One lecture will focus on Corona and diagnostics. Students will get exercises that will be jointly discussed in video conferences. Each student should prepare a seminar talk, e.g. as podcast or live video. Students should prepare questions for the seminar topics at home. As soon as presence teaching is possible lectures and seminars would take place at the Golm campus.

The practical course is planned for August or September. Practical help with Corona testing (e.g. qPCR) can be taken as equivalent.

The name of the Moodle course will be: Molecular Microbial Ecology 2020

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79071 B - Programming with R							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Kurs auch für Doktoranden und Postdocs. Termine an 4 Tagen in 1 Woche im September, 21.9. Info: dgroth@uni-potsdam.de							
1	B	N.N.	N.N.	Block	N.N.	N.N.	Dr. Detlef Groth
Optionale Projektarbeit zu statistischer Datenauswertung mit R. Eigene Daten können ebenfalls bearbeitet werden.							

Kommentar

If presence teaching is not possible in September:

Lecture will take place as E-learning course with video materials and PDF files of the lecture slides.

Exercise part will be supported using padup-chats and homework tasks.

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79104 S - Cellular Signal Transduction							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.25.B2.01	21.04.2020	PD Dr. Gaby-Fleur Böhl, Dr. Frank Neuschäfer-

							Rube, Prof. Dr. Tim Schulz
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Kommentar

The **corresponding lecture** takes place during winter term and should be attended first.

For the Richtungsmodul BIO-B-RM2 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered.

SS 2020: Slides are available in moodle; for the ppt-presentation (5 - 10 slides) journal articles can be given by the lecturers

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79113 VS - Epigenetics and Epigenomics							
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Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	10:15 - 11:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford
1	S	Mo	12:15 - 13:45	wöch.	2.26.0.65	20.04.2020	Prof. Dr. Isabel Bäurle, Dr. Tim Crawford

Kommentar

Online teaching adjustments: Lecture will be available from moodle as commented slides. Seminar work will consist of written summary of a research article answering a set of question.

For the 8LP Modules (WM4,5,6) 2-week practicals are offered during summer. If this turn out to be not possible, we aim to flexibly downgrade students to 6LP module.

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79114 VS - Presentation skills for life scientists							
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Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Di	08:15 - 09:45	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Michael Lenhard
How to give presentations							
1	S	Di	10:00 - 11:30	wöch.	2.25.B2.01	21.04.2020	Prof. Dr. Isabel Bäurle
Journal reading club							

Kommentar

Online teaching adjustments: Reading club part will train written presentation skills by writing a summary of a research article answering a set of question.

The presentations skills ("How to give presentations" part) will take place in an online format. You will be asked to record your presentations as a video, submit them, every participant in the course will be asked to comment on the presentation, and then you will need to prepare an improved presentation for the next week.

More details on the precise procedure for the presentation training will be send around later, once you have registered for the course.

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79641 VS - Physical Methods in Live Cell Imaging							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	14:15 - 15:45	wöch.	N.N. (AG)	20.04.2020	Prof. Dr. Salvatore Chiantia
First lectures in 2.26.0.65							
1	S	Di	14:15 - 15:45	14t.	N.N. (AG)	28.04.2020	Valentin Dunsing, Prof. Dr. Salvatore Chiantia, Madlen Luckner
Literature Seminar (1 SWS); both seminars are obligatory							
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Salvatore Chiantia, Valentin Dunsing, Madlen Luckner
hands-on seminar (1 SWS); en-bloc; time will be announced; both seminars are obligatory							

Kommentar

In case that on-site presence is not allowed:

Lecture will be offered in digital/online form during the lecture period (e.g. podcast or Zoom-software). The first lecture will take place on April 27th and will be presented as a podcast and a question/answer session by video.

The hands-on session was originally planned as a 2-day experience in the lab. This will have to be postponed to a later time (flexible arrangement possible).

Please contact me (chiantia@uni-potsdam.de) as soon as you register for this module.

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

79770 VS - Cell Biology Of Centrosomes And The Nuclear Envelope							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Di	16:00 - 17:30	wöch.	2.26.0.53	21.04.2020	Dr. Marianne Grafe, Prof. Dr. Ralph Gräf, Dr. Irene Meyer
1	V	Do	10:00 - 11:30	wöch.	Online.Veransta	23.04.2020	Prof. Dr. Ralph Gräf
Lecture "Zellbiologie Tiere" is given in german. The english lecture "Cell Biology For Life Scientists" is offered every winter term.							

Kommentar

As long as on-site presence is not allowed, the lecture will be offered as a podcast (German) and the seminar as some kind of web meeting (English). An alternative English lecture will be offered in the winter term. Please check for updates in the Moodle course!

Moodle Course: Gräf,R.: Wahlpflichtmodul - Zelldynamik und Cytoskelett/Cell Biology of Centrosomes and the Nuclear Envelope

For the Richtungsmodul BIO-B-RM22 a 6-week practical is offered as a separate course.

For the 8LP Modules (WM5 and 6) 2-week practicals are offered.

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

81817 VS - Current Research on Campus							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	Mo	16:00 - 17:30	wöch.	Online.Veransta	20.04.2020	Prof. Dr. Michael Lenhard, Prof. Dr. Ralph Gräf, Dr. rer. nat. Michael Sauer, apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Petra Wendler, Prof.

							Dr. Markus Grebe, Prof. Dr. Salvatore Chiantia, Dr. Irene Meyer, Prof. Dr. Katja Arndt, apl. Prof. Dr. Otto Baumann, Prof. Dr. Katja Hanack, Dr. rer. nat. Anja Thalhammer, Prof. Dr. Silke Leimkühler, Prof. Dr. Robert Seckler, Prof. Dr. Salim Seyfried, Prof. Dr. Isabel Bäurle
1	S	Do	12:15 - 13:45	wöch.	Online.Veranstat	23.04.2020	Prof. Dr. Salvatore Chiantia, Prof. Dr. Ralph Gräf, Prof. Dr. Katja Arndt, apl. Prof. Dr. Otto Baumann, Prof. Dr. Salim Seyfried, Prof. Dr. Markus Grebe, Prof. Dr. Michael Lenhard, Prof. Dr. Petra Wendler, Dr. rer. nat. Michael Sauer, apl. Prof. Dr. Ulla Wollenberger, Prof. Dr. Robert Seckler, Prof. Dr. Silke Leimkühler, Prof. Dr. Katja Hanack, Dr. rer. nat. Anja Thalhammer, Prof. Dr. Isabel Bäurle

Kommentar

In this module the group leaders working in the field of Biochemistry and Molecular Biology will present their current research topics.

As long as on-site presence is not allowed, the lecture will be offered either as a podcast or live using a conference software. The seminar part will be held in one block of one or two days at the end of the semester.

Everyone who wants to take this module, please register in PULS and join the Moodle Course "Current Research On Campus".

Everyone who is just interested in listening to the lectures is welcome as well, please join the Moodle course for more information.

20.4.: Prof. Gräf, Cell Biology
27.4.: Prof. Wendler, Biochemistry
4.5.: Prof. Lenhard, Genetics
11.5.: Dr. Thalhammer, Physical Biochemistry
18.5.: Prof. Seyfried, Animal Physiology
25.5.: Prof. Dittmann, Microbiology
1.6.: Prof. Chiantia, Physical Cell Biochemistry
8.6.: Prof. Arndt, Molecular Biotechnology
15.6.: Prof. Müller-Röber, Molecular Biology
22.6.: Prof. Wollenberger, Analytical Biochemistry and Prof. Bier, Molecular Bioanalytic und Bioelektronik
29.6.: Prof. Leimkühler, Molecular Enzymology
6.7.: Prof. Grebe, Plant Physiology
13.7.: Prof. Hanack, Immune Technology
20.7.: Prof. Baumann, Microscopy

Leistungen in Bezug auf das Modul

PNL 547011 - Vorlesung und Seminar (unbenotet)

BIO-B-WM13 - Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies B

79792 V - Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies B Lecture

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	V	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

Block event; please contact lecturers for details

Leistungen in Bezug auf das Modul

SL 547111 - Vorlesung (unbenotet)

79794 S - Current Research in Biochemistry and Molecular Biology in Local Research Institutes and Biotechnology Companies B Seminar

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

Block event; please contact lecturers for details

Leistungen in Bezug auf das Modul

PNL 547112 - Seminar (unbenotet)

BIO-B-WM14 - Biochemistry and Molecular Biology as Reflected in other Sciences A

78992 VU - Biochemistry and Molecular Biology as Reflected in other Sciences A

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

Block event; please contact lecturers for details

Leistungen in Bezug auf das Modul

PNL 547211 - Vorlesung und Übung (unbenotet)

BIO-B-WM15 - Biochemistry and Molecular Biology as Reflected in other Sciences B

79799 VU - Biochemistry and Molecular Biology as Reflected in other Sciences B

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

Block event; please contact lecturers for details

Leistungen in Bezug auf das Modul

PNL 547311 - Vorlesung und Übung (unbenotet)

BIO-B-WM16 - Biochemistry and Molecular Biology in Practice A

78991 VU - Biochemistry and Molecular Biology in Practice A

Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.

Block event; please contact lecturers for details

Leistungen in Bezug auf das Modul

PNL 547411 - Vorlesung und Übung (unbenotet)

BIO-B-WM17 - Biochemistry and Molecular Biology in Practice B

79796 VU - Biochemistry and Molecular Biology in Practice B							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	B	N.N.	N.N.	Block	N.N.	N.N.	Prof. Dr. Petra Wendler, N.N.
Block event; please contact lecturers for details							
Leistungen in Bezug auf das Modul							
PNL 547511 - Vorlesung und Übung (unbenotet)							

Fakultative Lehrveranstaltungen

78979 S - Current Topics in Biophysical Chemistry							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	Mo	13:00 - 14:30	wöch.	N.N. (AG)	20.04.2020	Robert Seckler
Master's students are asked to participate during their research course, room 2.25.B0.02							
Kommentar							
Dies ist unser Arbeitsgruppenseminar. Wegen der Corona-Situation ist derzeit nicht klar, wann es wieder stattfinden wird.							

79075 FS - Aktuelle Probleme der Elektronenmikroskopie							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	FS	Mo	09:30 - 11:15	wöch.	N.N. (AG)	20.04.2020	Petra Wendler
Nur nach Absprache							

79109 S - Modern Methods in Biotechnology and Synthetic Biology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Katja Arndt, Kristian Müller
bevorzugt für Mitarbeiter, Doktoranden und Praktikanten der Arbeitsgruppe							

79110 S - Current Literature in Biotechnology and Synthetic Biology							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Katja Arndt
bevorzugt für Mitarbeiter, Doktoranden und Praktikanten der Arbeitsgruppe							

80077 PR - Immunotechnology/Biotechnology (Practical)							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	PR	N.N.	N.N.	Block	N.N.	N.N.	Katja Arndt
6 week practical (intern or extern)							

80794 VP - Biokompatibilität: Zell-Material-Wechselwirkung							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VP	N.N.	09:00 - 17:00	Block	N.N. (ext)	31.08.2020	Andreas Lendlein, Nan Ma
Anmeldungen bitte unter michael.schroeter@hzg.de							

80796 VP - Macromolecular Science							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VP	N.N.	09:00 - 17:00	Block	N.N. (ext)	17.08.2020	Andreas Lendlein, Michael Schroeter, N.N.
Anmeldungen bitte unter michael.schroeter@hzg.de							

80797 VP - Polymer Chemistry - Biomaterials							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	VP	N.N.	09:00 - 17:00	Block	N.N. (ext)	24.08.2020	Andreas Lendlein, Michael Schroeter, N.N.
Anmeldungen bitte unter michael.schroeter@hzg.de							

81771 S - Doktorandenseminar							
Gruppe	Art	Tag	Zeit	Rhythmus	Veranstaltungsort	1.Termin	Lehrkraft
1	S	N.N.	N.N.	wöch.	N.N.	N.N.	Harald Seitz
Freitags um 14:30Uhr im großen Seminarraum am IZI-BB							

Glossar

Die folgenden Begriffserklärungen zu Prüfungsleistung, Prüfungsnebenleistung und Studienleistung gelten im Bezug auf Lehrveranstaltungen für alle Ordnungen, die seit dem WiSe 2013/14 in Kraft getreten sind.

Prüfungsleistung	Prüfungsleistungen sind benotete Leistungen innerhalb eines Moduls. Aus der Benotung der Prüfungsleistung(en) bildet sich die Modulnote, die in die Gesamtnote des Studiengangs eingeht. Handelt es sich um eine unbenotete Prüfungsleistung, so muss dieses ausdrücklich („unbenotet“) in der Modulbeschreibung der fachspezifischen Ordnung geregelt sein. Weitere Informationen, auch zu den Anmeldeöglichkeiten von Prüfungsleistungen, finden Sie unter anderem in der Kommentierung der BaMa-O
Prüfungsnebenleistung	Prüfungsnebenleistungen sind für den Abschluss eines Moduls relevante Leistungen, die – soweit sie vorgesehen sind – in der Modulbeschreibung der fachspezifischen Ordnung beschrieben sind. Prüfungsnebenleistungen sind immer unbenotet und werden lediglich mit "bestanden" bzw. "nicht bestanden" bewertet. Die Modulbeschreibung regelt, ob die Prüfungsnebenleistung eine Teilnahmevoraussetzung für eine Modulprüfung oder eine Abschlussvoraussetzung für ein ganzes Modul ist. Als Teilnahmevoraussetzung für eine Modulprüfung muss die Prüfungsnebenleistung erfolgreich vor der Anmeldung bzw. Teilnahme an der Modulprüfung erbracht worden sein. Auch für Erbringung einer Prüfungsnebenleistungen wird eine Anmeldung vorausgesetzt. Diese fällt immer mit der Belegung der Lehrveranstaltung zusammen, da Prüfungsnebenleistung im Rahmen einer Lehrveranstaltungen absolviert werden. Sieht also Ihre fachspezifische Ordnung Prüfungsnebenleistungen bei Lehrveranstaltungen vor, sind diese Lehrveranstaltungen zwingend zu belegen, um die Prüfungsnebenleistung absolvieren zu können.
Studienleistung	Als Studienleistung werden Leistungen bezeichnet, die weder Prüfungsleistungen noch Prüfungsnebenleistungen sind.



Quelle: Karla Pirze

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