Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Studyplan

Master Programme	Systems Biology and Metabolomics (English)
Version: November 2021 **Start in Summer**	**Total 120 ECTS** **Red title modules are strongly suggested**

Modules Semester 1	Area	ECTS	CoH
Molecular Biology Lecture series; 9-10 a.m. / Tue, We, Fr, / Lecture hall A102; Online registration is required: 1.April until 31. May Examination: graded test; obligatory online registration under topic Metabolomics under module **Molecular Biology**, orp from 1.April until 30.June; date and place of examination tba Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory/** Topic: Metabolomics	10	3
Topics in Bioinformatics Lecture and Seminar; Thu 11 a.m. until 1 p.m. / Lecture room Bioinformatics; Online registration is required; Examination: graded test; obligatory online registration under topic Metabolomics under module **Topics in Bioinformatics**, orp from 1.April until 30.June; date and place of examination tba Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory** Topic: Metabolomics	10	3
Signals and Differentiation Lecture and seminar; Online registration is required via online ticket; Lecture Fr 10-11 a.m. Lecture hall A102; Seminar either Mo or Thu 5-6.30 p.m., Seminar-Room C102; Information through Master WueCampus2 forum. Contact: Prof. Manfred Alsheimer alsheimer@biozentrum.uni-wuerzburg.de Examination: graded test; obligatory online registration under topic Metabolomics under module **Cell and Developmental Biology 2**, orp from 1.April until 30.June; date and place of examination tba	**Obligatory/** Topic: Metabolomics		
Pharmaceutical Biology & Metabolomics F1 Practical course on a current research project, 5 weeks; Examination: graded report; obligatory online registration under topic Metabolomics under module **Pharmaceutical Biology & Metabolomics F1**, orp from 1.Oct until 31.Jan; report delivery date in agreement with supervisor. Contact: Dr. Agnes Fekete agnes.fekete@uni-wuerzburg.de	**Obligatory** Topic: Metabolomics	10	3
Additional Achievements Summer See list	Additional Achievements Summer		
ECTS after 1. Semester		**30**	

S Semester
CoH Weekly contact hours
ECTS Credits
MEM Mandatory elective modules
ORP Online registration period

Modules Semester 2	Area	ECTS	CoH
Neurobiology, Behavioural Physiology and Animal Ecology Lecture series; Tue 4-6 p.m. and Thu 4-5 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: graded test; obligatory online registration under topic Systems Biology under module **Neurobiology, Behavioural Physiology and Animal Ecology**, orp from 1.Oct until 31.Jan; date and place of examination tba Contact: Prof. Christian Wegener christian.wegener@uni-wuerzburg.de	**Obligatory** Topic: Systems Biology	10	3
Topics in Systems Biology Lecture and Seminar; Thu 10 a.m. until 1 p.m. / Lecture room Bioinformatics; Online registration is required; Examination: graded test; obligatory online registration under topic Systems Biology under module **Topics in Systems Biology**, orp from 1.Oct until 31.Jan Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory** Topic: Systems Biology	10	3
Systems Biology F1 Practical course, 5 weeks; Information through Master WueCampus2 forum; Examination: graded Lab protocol and seminar talk; obligatory online registration under topic Systems Biology under module Systems Biology F1, orp from 1.Oct until 31.Jan; report delivery date in agreement with supervisor. Contact: Prof. Christian Wegener christian.wegener@uni-wuerzburg.de	**Obligatory/** Topic: Systems Biology	10	15
Additional Achievements Winter See list	Additional Achievements Winter		
ECTS after 2. Semester		**30**	

Modules Semester 3	Area	ECTS	CoH
F2-Practical course in your thesis topic This practical course (10-12 week) is preparatory to the thesis and therefore its arrangement goes along with the organization of the thesis. Examination: passed report; obligatory online registration under chosen topic and either under the module **Systems Biology F2** or under the module **Pharmaceutical Biology & Metabolomics F2** Contact Metabolomics: Dr. Agnes Fekete agnes.fekete@uni-wuerzburg.de Contact Systems Biology: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory/** Topic: Systems Biology or Metabolomics	15	30
Additional Achievements Winter See list for suggestions	Additional Achievements Winter	15	1-5
ECTS after 3. Semester		**30**	

Modules Semester 4	Area	ECTS	CoH
Thesis Scientific project; Has to be preceded by a preparatory F2 practical course of 10-12 weeks. The written thesis is graded. You require two supervisors. One of the two supervisors has to member of the Faculty of Biology. The thesis project (title) and thesis start date are registered through the examination office. For registration a form signed by both supervisors and by yourself has to be delivered to the examination office. Form in WueCampus2.	**Obligatory/** Topic: Systems Biology or Metabolomics	25	---
Thesis Colloquium 30 minutes talk about your thesis project followed by a 15 min discussion and questionnaire – graded. The colloquium is registered through the examination office. For registration, a form has to be delivered to the examination office. Form in WueCampus2.	**Obligatory/** Topic: Systems Biology or Metabolomics	5	---
ECTS after 4. Semester		**30**	

Additional Achievements Winter	Area	ECTS	CoH
German language courses Various courses possible: See information under http://www.zfs.uni-wuerzburg.de/sprachen/deutsch_als_fremdsprache/aktuelles_und_kursermine/ **Obligatory according to regulations. A prove of German language skill has to be delivered to the "Studiendekanat" before reregistration for the third semester during the second semester.**	**Obligatory**		
Methods in Life Sciences (suggested studyplan) Lecture series; 8-10 a.m. / We, Thu / large seminar room GSLS; Online registration is required: orp from 1.Oct until 21.Dec. Lecture specific WueCampus2 course available; Examination: *passed test*; obligatory online registration under "Ergänzende Leistungen" under module **Methods in Life Sciences B**, orp from 1.Oct until 31.Jan; date 13.Feb 2017, 9.15 a.m., Lecture hall A103; *7 ECTS* *graded test*; obligatory online registration under "Ergänzende Leistungen" under module **Methods in Life Sciences**, orp from 1.Oct until 31.Jan; date 13.Feb 2017, 9.15 a.m., Lecture hall A103; *10 ECTS*	Additional Achievements Winter	10	3
Topics and Concepts in Life Sciences (only, if not chosen under topic "Molecular Biology") Lecture series; Mo 8-10 a.m., Tue 8-10 a.m. / Lecture hall A103 and large seminar room GSLS; Online registration is required: orp from 1.Oct until 21.Dec. Lecture specific WueCampus2 course available; Examination: *passed test*; obligatory online registration under "Ergänzende Leistungen" under module **Topics and Concepts in Life Sciences B**, orp from 1.Oct until 31.Jan; date 20.Feb 2017, 9.15 a.m., Lecture hall A103; *7 ECTS* *graded test*; obligatory online registration under "Ergänzende Leistungen" under module **Topics and Concepts in Life Sciences**, orp from 1.Oct until 31.Jan; date 20.Feb 2017, 9.15 a.m., Lecture hall A103; *10 ECTS*	Additional Achievements Winter	7 or 10	3
Molecular Tumor Biology Lecture series; Thu 12-2 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: graded test; obligatory online registration under "Ergänzende Leistungen" under module **Molecular Tumor Biology**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Immunology 1B Lecture and seminar; Online registration is required; Seminar Fr 2-4 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Contact: Prof. Herrmann; herrmann-t@vim.uni-wuerzburg.de	Additional Achievements Winter	7	3

Additional Achievements Winter	Area	ECTS	CoH
Examination: passed test; obligatory online registration under **Immunology 1B**, orp from 1.Oct until 31.Jan; date and place of examination tba			
Immunology 1BS Seminar; Online registration is required; Lecture Fr 2-4 p.m. Lecture hall A102; Further information through Master WueCampus2 forum; Contact Prof. Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 1BS**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Virology 1B Lecture and Seminar; Wed 5-7 p.m. Institute of Virology, Verbacherstraße 7, Seminar Room. Obey also WueCampus2 forum; Contact Dr. Jochen Bodem; jochen.bodem@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Virology 1B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	3
Biophysics and Biochemistry B Lecture; Tue 10-11 a.m., Lecture hall A103; Thu 8-10 a.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Biophysics and Biochemistry B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Neurogenetics of Behaviour B Lecture; Fr 11 a.m. until 1 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Neurogenetics of Behavior B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Linux and Perl Seminar; 5 days 6.3.2017-10.3.2017, 9 a.m. until 4 p.m.; Computer Room Building 80 North Campus; Online registration is required: orp from 1.Oct until 21.Dec. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Linux and Perl**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	3

Additional Achievements Summer	Area	ECTS	CoH
Clinical Tumor Biology Lecture series; Online registration is required: orp from 1.April until 31. May Examination: graded test; obligatory online registration under "Ergänzende Leistungen" under module **Clinical Tumor Biology**, orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer Term	5	2

Additional Achievements Summer	Area	ECTS	CoH
Pathogenicity of Microorganisms B Lecture and seminar; Online registration is required via online ticket; Lecture Fr 10-11 a.m. Lecture hall A102; Information through Master WueCampus2 forum and see online in course overview. Examination: passed test; obligatory online registration under topic Cell and Developmental Biology, orp from 1.Oct until 31.Jan; date and place will be announced Contact: Dr. Andreas Demuth andreas.demuth@uni-wuerzburg.de	Additional Achievements Summer	5	2
Signals and Differentiation Lecture Fr 10-11 a.m. Lecture hall A102; Seminar-Room C102; Information through Master WueCampus2 forum. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Cell and Developmental Biology 2 B**, orp from 1.April until 30.June; date and place of examination tba Contact: Prof. Manfred Alsheimer alsheimer@biozentrum.uni-wuerzburg.de	Additional Achievements Summer	3	1
Immunology 2B Lecture and seminar; Online registration is required; Seminar Fr 2-4 p.m. Lecture hall A102; Information through Master WueCampus2 forum; contact Prof. Thomas Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 2B**, orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	7	3
Immunology 2BS Seminar; Online registration is required; Lecture Fr 2-4 p.m. Lecture hall A102; Further information through Master WueCampus2 forum; contact Prof. Thomas Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 2BS**, orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Biophysics and Molecular Biotechnology B Lecture Tue 5-7 p.m. Lecture Seminar-Room C102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Biophysics and Molecular Biotechnology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Virology 2B Lecture and Seminar; tba. Obey also WueCampus2 forum; For questions Dr. Jochen Bodem; jochen.bodem@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Virology 2B**, orp from 1.April until 30.June; date and place of examination tba	Additional Achievements Summer	5	3

Additional Achievements Summer	Area	ECTS	CoH
Plant Ecology B Lecture series; Mo,Tue, Fr 8-9 a.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Plant Ecology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Experimental Sociobiology B Lecture/Seminar, Mo 9-12 a.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Experimental Sociobiology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	7	3
Animal Ecology and Tropical Biology B Lecture, Thu 5-7 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Animal Ecology and Tropical Biology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Endogenous clocks B Lecture, Fr 11 a.m. until 1 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Endogenous clocks B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Neuromodulation and Neuronal Development B Lecture, Tue 3-5 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Neuromodulation and Neuronal Development B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2

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Studyplan

Master Programme	Systems Biology and Metabolomics (English)
Version: November 2021 **Start in Winter**	**Total 120 ECTS** **Red title modules are strongly suggested**

Modules Semester 1	Area	ECTS	CoH
Neurobiology, Behavioural Physiology and Animal Ecology Lecture series; Tue 4-6 p.m. and Thu 4-5 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: graded test; obligatory online registration under topic Systems Biology under module **Neurobiology, Behavioural Physiology and Animal Ecology**, orp from 1.Oct until 31.Jan; date and place of examination tba Contact: Prof. Christian Wegener christian.wegener@uni-wuerzburg.de	**Obligatory** Topic: Systems Biology	10	3
Topics in Systems Biology Lecture and Seminar; Thu 10 a.m. until 1 p.m. / Lecture room Bioinformatics; Online registration is required; Examination: graded test; obligatory online registration under topic Systems Biology under module **Topics in Systems Biology**, orp from 1.Oct until 31.Jan Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory** Topic: Systems Biology	10	3
Systems Biology F1 Practical course, 5 weeks; Information through Master WueCampus2 forum; Examination: graded Lab protocol and seminar talk; obligatory online registration under topic Systems Biology under module Systems Biology F1, orp from 1.Oct until 31.Jan; report delivery date in agreement with supervisor. Contact: Prof. Christian Wegener christian.wegener@uni-wuerzburg.de	**Obligatory/** Topic: Systems Biology	10	15
Additional Achievements Winter See list	Additional Achievements Winter		
ECTS after 1. Semester		**30**	

S Semester
CoH Weekly contact hours
ECTS Credits
MEM Mandatory elective modules
ORP Online registration period

Modules Semester 2	Area	ECTS	CoH
Molecular Biology Lecture series; 9-10 a.m. / Tue, We, Fr, / Lecture hall A102; Online registration is required: 1.April until 31. May Examination: graded test; obligatory online registration under topic Metabolomics under module **Molecular Biology**, orp from 1.April until 30.June; date and place of examination tba Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory**/ Topic: Metabolomics	10	3
Topics in Bioinformatics Lecture and Seminar; Thu 11 a.m. until 1 p.m. / Lecture room Bioinformatics; Online registration is required; Examination: graded test; obligatory online registration under topic Metabolomics under module **Topics in Bioinformatics**, orp from 1.April until 30.June; date and place of examination tba Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory** Topic: Metabolomics	10	3
Signals and Differentiation Lecture and seminar; Online registration is required via online ticket; Lecture Fr 10-11 a.m. Lecture hall A102; Seminar either Mo or Thu 5-6.30 p.m., Seminar-Room C102; Information through Master WueCampus2 forum. Contact: Prof. Manfred Alsheimer alsheimer@biozentrum.uni-wuerzburg.deExamination: graded test; obligatory online registration under topic Metabolomics under module **Cell and Developmental Biology 2**, orp from 1.April until 30.June; date and place of examination tba	**Obligatory**/ Topic: Metabolomics		
Pharmaceutical Biology & Metabolomics F1 Practical course on a current research project, 5 weeks; Examination: graded report; obligatory online registration under topic Metabolomics under module **Pharmaceutical Biology & Metabolomics F1**, orp from 1.Oct until 31.Jan; report delivery date in agreement with supervisor. Contact: Dr. Agnes Fekete agnes.fekete@uni-wuerzburg.de	**Obligatory** Topic: Metabolomics	10	3
Additional Achievements Summer See list	Additional Achievements Summer		
ECTS after 2. Semester		**30**	

Modules Semester 3	Area	ECTS	CoH
F2-Practical course in your thesis topic This practical course (10-12 week) is preparatory to the thesis and therefore its arrangement goes along with the organization of the thesis. Examination: passed report; obligatory online registration under chosen topic and either under the module **Systems Biology F2** or under the module **Pharmaceutical Biology & Metabolomics F2** Contact Metabolomics: Dr. Agnes Fekete agnes.fekete@uni-wuerzburg.de Contact Systems Biology: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de	**Obligatory/** Topic: Systems Biology or Metabolomics	15	30
Additional Achievements Winter See list for suggestions	Additional Achievements Winter	15	1-5
ECTS after 3. Semester		**30**	

Modules Semester 4	Area	ECTS	CoH
Thesis Scientific project; Has to be preceded by a preparatory F2 practical course of 10-12 weeks. The written thesis is graded. You require two supervisors. One of the two supervisors has to member of the Faculty of Biology. The thesis project (title) and thesis start date are registered through the examination office. For registration a form signed by both supervisors and by yourself has to be delivered to the examination office. Form in WueCampus2.	**Obligatory/** Topic: Systems Biology or Metabolomics	25	---
Thesis Colloquium 30 minutes talk about your thesis project followed by a 15 min discussion and questionnaire – graded. The colloquium is registered through the examination office. For registration, a form has to be delivered to the examination office. Form in WueCampus2.	**Obligatory/** Topic: Systems Biology or Metabolomics	5	---
ECTS after 4. Semester		**30**	

Additional Achievements Winter	Area	ECTS	CoH
German language courses Various courses possible: See information under http://www.zfs.uni-wuerzburg.de/sprachen/deutsch_als_fremdsprache/aktuelles_und_kursermine/ **Obligatory according to regulations. A prove of German language skill has to be delivered to the "Studiendekanat" before reregistration for the third semester during the second semester.**	**Obligatory**		
Methods in Life Sciences (suggested studyplan) Lecture series; 8-10 a.m. / We, Thu / large seminar room GSLS; Online registration is required: orp from 1.Oct until 21.Dec. Lecture specific WueCampus2 course available; Examination: *passed test*; obligatory online registration under "Ergänzende Leistungen" under module **Methods in Life Sciences B**, orp from 1.Oct until 31.Jan; date 13.Feb 2017, 9.15 a.m., Lecture hall A103; *7 ECTS* *graded test*; obligatory online registration under "Ergänzende Leistungen" under module **Methods in Life Sciences**, orp from 1.Oct until 31.Jan; date 13.Feb 2017, 9.15 a.m., Lecture hall A103; *10 ECTS*	Additional Achievements Winter	10	3
Topics and Concepts in Life Sciences (only, if not chosen under topic "Molecular Biology") Lecture series; Mo 8-10 a.m., Tue 8-10 a.m. / Lecture hall A103 and large seminar room GSLS; Online registration is required: orp from 1.Oct until 21.Dec. Lecture specific WueCampus2 course available; Examination: *passed test*; obligatory online registration under "Ergänzende Leistungen" under module **Topics and Concepts in Life Sciences B**, orp from 1.Oct until 31.Jan; date 20.Feb 2017, 9.15 a.m., Lecture hall A103; *7 ECTS* *graded test*; obligatory online registration under "Ergänzende Leistungen" under module **Topics and Concepts in Life Sciences**, orp from 1.Oct until 31.Jan; date 20.Feb 2017, 9.15 a.m., Lecture hall A103; *10 ECTS*	Additional Achievements Winter	7 or 10	3
Molecular Tumor Biology Lecture series; Thu 12-2 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: graded test; obligatory online registration under "Ergänzende Leistungen" under module **Molecular Tumor Biology**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Immunology 1B	Additional Achievements	7	3

Additional Achievements Winter	Area	ECTS	CoH
Lecture and seminar; Online registration is required; Seminar Fr 2-4 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Contact: Prof. Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 1B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Winter		
Immunology 1BS Seminar; Online registration is required; Lecture Fr 2-4 p.m. Lecture hall A102; Further information through Master WueCampus2 forum; Contact Prof. Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 1BS**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Virology 1B Lecture and Seminar; Wed 5-7 p.m. Institute of Virology, Verbacherstraße 7, Seminar Room. Obey also WueCampus2 forum; Contact Dr. Jochen Bodem; jochen.bodem@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Virology 1B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	3
Biophysics and Biochemistry B Lecture; Tue 10-11 a.m., Lecture hall A103; Thu 8-10 a.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Biophysics and Biochemistry B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Neurogenetics of Behaviour B Lecture; Fr 11 a.m. until 1 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Neurogenetics of Behavior B**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Linux and Perl Seminar; 5 days 6.3.2017-10.3.2017, 9 a.m. until 4 p.m.; Computer Room Building 80 North Campus; Online registration is required: orp from 1.Oct until 21.Dec. Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Linux and Perl**, orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	3

Additional Achievements Summer	Area	ECTS	CoH

Additional Achievements Summer	Area	ECTS	CoH
Clinical Tumor Biology Lecture series; Online registration is required: orp from 1.April until 31. May Examination: graded test; obligatory online registration under “Ergänzende Leistungen” under module **Clinical Tumor Biology**, orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer Term	5	2
Pathogenicity of Microorganisms B Lecture and seminar; Online registration is required via online ticket; Lecture Fr 10-11 a.m. Lecture hall A102; Information through Master WueCampus2 forum and see online in course overview. Examination: passed test; obligatory online registration under topic Cell and Developmental Biology, orp from 1.Oct until 31.Jan; date and place will be announced Contact: Dr. Andreas Demuth andreas.demuth@uni-wuerzburg.de	Additional Achievements Summer	5	2
Signals and Differentiation Lecture Fr 10-11 a.m. Lecture hall A102; Seminar-Room C102; Information through Master WueCampus2 forum. Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Cell and Developmental Biology 2 B**, orp from 1.April until 30.June; date and place of examination tba Contact: Prof. Manfred Alsheimer alsheimer@biozentrum.uni-wuerzburg.de	Additional Achievements Summer	3	1
Immunology 2B Lecture and seminar; Online registration is required; Seminar Fr 2-4 p.m. Lecture hall A102; Information through Master WueCampus2 forum; contact Prof. Thomas Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 2B**, orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	7	3
Immunology 2BS Seminar; Online registration is required; Lecture Fr 2-4 p.m. Lecture hall A102; Further information through Master WueCampus2 forum; contact Prof. Thomas Herrmann; herrmann-t@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Immunology 2BS**, orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Biophysics and Molecular Biotechnology B Lecture Tue 5-7 p.m. Lecture Seminar-Room C102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module **Biophysics and Molecular Biotechnology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2

Additional Achievements Summer	Area	ECTS	CoH
Virology 2B Lecture and Seminar; tba. Obey also WueCampus2 forum; For questions Dr. Jochen Bodem; jochen.bodem@vim.uni-wuerzburg.de Examination: passed test; obligatory online registration under **Virology 2B**, orp from 1.April until 30.June; date and place of examination tba	Additional Achievements Summer	5	3
Plant Ecology B Lecture series; Mo,Tue, Fr 8-9 a.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Plant Ecology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Experimental Sociobiology B Lecture/Seminar, Mo 9-12 a.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Experimental Sociobiology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	7	3
Animal Ecology and Tropical Biology B Lecture, Thu 5-7 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Animal Ecology and Tropical Biology B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Endogenous clocks B Lecture, Fr 11 a.m. until 1 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Endogenous clocks B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2
Neuromodulation and Neuronal Development B Lecture, Tue 3-5 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April until 31. May Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module **Neuromodulation and Neuronal Development B**; orp from 1.April until 30 June; date and place of examination tba	Additional Achievements Summer	5	2