

Master Programme English Programme	Cell and Infection Biology Combination: Microbiology and Infection Biology / Cell- and Developmental Biology		
Version: January 2018 Start in summer 2018	4 Semester, Total 120 ECTS with 30 ECTS each semester		
Modules Semester 1	Area	ECTS	CoH
Methods in Life Sciences Lecture series; 8-9 a.m. / We, Thu, Fr, / Lecture hall A103; Online registration is required: orp from 1.Oct until 21.Dec. Lecture specific WueCampus2 course available; Examination: graded test; obligatory online registration under topic Molecular Infection Biology under module Methods in Life Sciences , orp from 1.Oct until 31.Jan; Contact: Dr. Robert Hock rhock@biozentrum.uni-wuerzburg.de	Obligatory	10	3
Molecular Infection Biology F1 Practical course, 5 weeks with one week packages in parasitology and cell biology, virology, microbiology and infection biology. Information through Master WueCampus2 forum; personal registration; Examination: graded reports; obligatory online registration, orp from 1.Oct until 31.January depends on choice and combination; report delivery date is 31. January. Contact: Dr. Vera Kozjak-Pavloic vera.kozjak@uni-wuerzburg.de	Obligatory	10	15
Additional Achievements Winter See list for suggestions	Additional Achievements Winter	10	1-5
ECTS after 1. Semester		30	24

Modules Semester 2	Area	ECTS	CoH
<p>Molecular Biology</p> <p>Lecture series; 9-10 a.m. / Tue, We, Fr, / Lecture hall A102; Online registration is required: 1.April until 31. May</p> <p>Examination: graded test; obligatory online registration under topic Cell and Developmental Biology under module Molecular Biology, orp from 1.April until 30.June; date and place of examination tba</p> <p>Contact: Eva-Maria Fischer eva.fischer@uni-wuerzburg.de</p>	Obligatory	10	3
<p>Signals and Differentiation</p> <p>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. Examination: graded test; obligatory online registration under topic Cell and Developmental Biology under module Cell and Developmental Biology 2, orp from 1.April until 30.June; date and place of examination tba</p> <p>Contact: Prof. Ricardo Benavente benavente@biozentrum.uni-wuerzburg.de</p>	Obligatory	10	3
<p>Pathogenicity of Microorganisms</p> <p>Lecture and seminar; Online registration is required via online ticket; Lecture Thu 10-12 a.m. Lecture hall A102; Seminar Wed 11-12 a.m., Lecture hall A102; Information through Master WueCampus2 forum and see online in course overview.</p> <p>Examination: graded test; obligatory online registration under topic Molecular Infection Biology under module Pathogenicity of Microorganisms, orp from 1.Oct until 31.Jan; date and place will be announced</p> <p>Contact: Dr. Andreas Demuth andreas.demuth@uni-wuerzburg.de</p>	Obligatory	10	3
<p>Additional Achievements Summer</p> <p>See list</p>	Additional Achievements Summer		
ECTS after 2. Semester		60	

Modules Semester 3	Area	ECTS	CoH
<p>Cell and Developmental Biology F1 or Microbiology F1</p> <p>Practical course, 5 weeks; Information through Master WueCampus2 forum;</p> <p>Examination: graded Lab protocol and seminar talk; obligatory online registration under main (0thesis) topic, orp from 1.Oct until 31.Jan;</p> <p>Contact Microbiology: Dr. Andreas Demuth andreas.demuth@uni-wuerzburg.de Contact Cell Biology: Prof. Ricardo Benavente benavente@biozentrum.uni-wuerzburg.de</p>	Obligatory	10	15
<p>F2-Practical course in chosen topic for the thesis</p> <p>This practical course (10-12 week) is preparatory to the thesis and therefore its arrangement goes along with the organization of the thesis.</p> <p>Examination: passed report; obligatory online registration under chosen topic under either the module Cell and Developmental Biology F2 or under the module Microbiology F2</p> <p>Contact Microbiology: Dr. Andreas Demuth andreas.demuth@uni-wuerzburg.de</p> <p>Contact Cell and Developmental Biology: Prof. Ricardo Benavente benavente@biozentrum.uni-wuerzburg.de</p>	Obligatory	15	30
<p>Additional Achievements Winter</p> <p>See list for suggestions</p>	Suggested Additional Achievements Winter	5	1-5
ECTS after 3. Semester		90	

Modules Semester 4	Area	ECTS	CoH
<p>Thesis</p> <p>Scientific project; Has to be preceded by a preparatory F2 practical course of 10-12 weeks. The written thesis is graded.</p> <p>You require two supervisors. One of the two supervisors has to member of the Faculty of Biology.</p> <p>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.</p> <p>Form in WueCampus2.</p>	Obligatory	25	---
<p>Thesis Colloquium</p> <p>30 minutes talk about your thesis project followed by a 15 min discussion and questionnaire – graded.</p> <p>The colloquium is registered through the examination office. For registration, a form has to be delivered to the examination office.</p> <p>Form in WueCampus2.</p>	Obligatory	5	---
ECTS after 4. Semester		120	

Additional Achievements Winter (Ergänzende Leistungen)	Area	ECTS	CoH
<p>German language courses</p> <p>Various courses possible: See information under http://www.zfs.uni-wuerzburg.de/sprachen/deutsch_als_fremdsprache/aktuelles_und_kurstermine/</p> <p>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.</p>	Obligatory		
<p>Topics and Concepts in Life Sciences (suggested)</p> <p>Lecture series; Mo 8-11 a.m., Tue 8-9 a.m. / Lecture hall A103; Online registration is required: orp from 1.Oct until 21.Dec. Lecture specific WueCampus2 course available;</p> <p>Examination:</p> <p><i>passed test</i>; 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; <i>7 ECTS</i></p> <p><i>graded test</i>; 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; <i>10 ECTS</i></p>	Additional Achievements Winter	7 or 10	3
<p>Biochemistry, physiology and genetics of mammalian cell culture</p> <p>Seminar; Two days Block 16.and 17.March / Lecture hall A102; Online registration is required: orp will open in January, Information through WueCampus2 forum.</p> <p>Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under module "Biochemistry, physiology and genetics of mammalian cell culture", orp from 1.Oct until 31.Jan; date and place tba</p>	Additional Achievements Winter	5	3
<p>Molecular Tumor Biology</p> <p>Lecture series; Thu 12-2 p.m., Lecture hall A102; Online registration is required: orp from 1.Oct until 21.Dec.</p> <p>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</p>	Additional Achievements Winter	5	2
<p>Immunology 1B</p> <p>Lecture and seminar; Online registration is required;</p> <p>Seminar Fr 2-4 p.m. Lecture hall A102; Information through Master WueCampus2 forum; Contact: Prof. Herrmann; herrmann-t@vim.uni-wuerzburg.de</p> <p>Examination: passed test; obligatory online registration under Immunology 1B, orp from 1.Oct until 31.Jan; date and place of examination tba</p>	Additional Achievements Winter	7	3
<p>Immunology 1BS</p>	Additional	5	2

Additional Achievements Winter (Ergänzende Leistungen)	Area	ECTS	CoH
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	Achievements Winter		
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
Neurobiology, Behavioural Physiology and Animal Ecology B 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: 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	7	3
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 Behaviour B , orp from 1.Oct until 31.Jan; date and place of examination tba	Additional Achievements Winter	5	2
Tissue engineering as alternative for animal testing Seminar; Tue 5-8 p.m., Seminar Room SE 001, Röntgenring; Registration through christian.lotz@uni-wuerzburg.de is required; Examination: graded presentation; obligatory online registration under "Ergänzende Leistungen" under module " Special Subject Studies Biology and Natural Science 4 ", 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
Genetics, environment and molecular therapy concepts of cancer Seminar; 2 days block in March 2017; date and place tba; Online registration is required: orp will open in January; Information through WueCampus2 forum. Examination: passed test; obligatory online registration under "Ergänzende	Additional Achievements Winter	3	2

Additional Achievements Winter (Ergänzende Leistungen)	Area	ECTS	CoH
Leistungen" under module " Special Subject Studies Biology and Natural Science 2B ", orp from 1.Oct until 31.Jan; date and place tba			

Additional Achievements Summer (Ergänzende Leistungen)	Area	ECTS	CoH
<p>Clinical Tumor Biology</p> <p>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</p>	Additional Achievements Summer	5	2
<p>Molecular Virology B</p> <p>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 Molecular Virology B, orp from 1.April until 30.June; date and place of examination tba</p>	Additional Achievements Summer	7	3
<p>Immunology 2B</p> <p>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</p>	Additional Achievements Summer	7	3
<p>Immunology 2BS</p> <p>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</p>	Additional Achievements Summer	5	2
<p>Biochemistry, physiology and genetics of mammalian cell culture</p> <p>Seminar; Two days block end of July / Lecture hall A102; Online registration is required: orp will open in January; Information through Master WueCampus2 forum Examination: passed test; obligatory online registration under "Ergänzende Leistungen" under Module Biochemistry, physiology and genetics of mammalian cell culture; orp from 1.April until 30 June; date and place of examination tba</p>	Additional Achievements Summer	5	3
<p>Biophysics and Molecular Biotechnology B</p> <p>Lecture Tue 5-7 p.m. Lecture Seminar-Room C102; Information through Master WueCampus2 forum; Online registration is required: orp from 1.April</p>	Additional Achievements Summer	5	2

Additional Achievements Summer (Ergänzende Leistungen)	Area	ECTS	CoH
<p>until 31. May</p> <p>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</p>			
<p>Mass Spectrometry and Proteomics</p> <p>Lecture Mo 10-11 a.m. Lecture hall A102; Online registration is required: orp from 1.April until 31. May</p> <p>Examination: passed test; obligatory online registration under “Ergänzende Leistungen” under module Molecular Techniques, orp from 1.April until 30 June; date and place of examination tba</p>	Additional Achievements Summer	3	1
<p>Molecular Virology B</p> <p>Lecture and Seminar; tba. Obey also WueCampus2 forum; For questions Dr. Jochen Bodem; jochen.bodem@vim.uni-wuerzburg.de</p> <p>Examination: passed test; obligatory online registration under Molecular Virology B, orp from 1.April until 30.June; date and place of examination tba</p>	Additional Achievements Summer	5	3
<p>Plant Ecology B</p> <p>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</p> <p>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</p>	Additional Achievements Summer	5	2
<p>Experimental Sociobiology B</p> <p>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</p> <p>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</p>	Additional Achievements Summer	7	3
<p>Animal Ecology and Tropical Biology B</p> <p>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</p> <p>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</p>	Additional Achievements Summer	5	2
<p>Endogenous clocks B</p> <p>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</p> <p>Examination: passed test; obligatory online registration under “Ergänzende</p>	Additional Achievements Summer	5	2

Additional Achievements Summer (Ergänzende Leistungen)	Area	ECTS	CoH
Leistungen" under module Endogenous clocks B ; orp from 1.April until 30 June; date and place of examination tba			
<p>Neuromodulation and Neuronal Development B</p> <p>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</p> <p>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</p>	Additional Achievements Summer	5	2