

Appendix 1a - Mandatory Module and Examination Plan

Medical Natural Sciences – World Track											
Matriculation Fall 2017											
Program-Specific Modules	Type	Status ¹	Semester	Credits	Jacobs Track Modules (General Education)	Type	Status ¹	Semester	Credits		
Year 1					45						15
CH17-IntGermI	Module: Intensive German I			m	15	JT-ME-MethodsMath	Module: Methods / Mathematics			m	7,5
CH17-010101	German I	Seminar	m	1	5	JTME-120106	Applied Calculus I	Lecture	m	1	2,5
CH17-010102	German II	Seminar	m	2	5	JTME-120107	Applied Calculus II	Lecture	m	1	2,5
CH17-010103	Germany and its regions	Lecture	m	2	5	JTME-120101	Mathematical Concepts in the Sciences	Lecture	m	2	2,5
CH18-FoundNat	Module: Foundations in Natural Sciences			m	15	JT-SK-SkillsMN	Module: Skills MEDNAT			m	2,5
CH18-540101	Foundations in Organic Chemistry	Lecture	m	1	5	JT-SK-990103	Scientific and Experimental Skills	Lecture	m	1	2,5
CH18-540111	Foundations in Organic Chemistry Lab	Lab	m	1	2,5						
CH18-540102	Foundations in Physics	Lecture	m	2	5						
CH18-540112	Foundations in Physics Lab	Lab	m	2	2,5						
CH19-FoundMedI	Module: Foundations in Medicine I			m	15	JT-TA-TriLangArea	Module: Triangle / Language Area			m	5
CH19-540103	Biology/Physiology	Lecture	m	1	5	Take two courses from the triangle (BUSINESS, TECHNOLOGY and INNOVATION, SOCIETAL CONTEXT) or language area. Each counts 2,5 ECTS					
CH19-540113	MedNat Lab	Lab	m	1	2,5						
CH19-540123	Anatomy	Lecture	m	2	5						
CH19-540133	Anatomy/Physiology Lab	Lab	m	2	2,5						
Year 2					45						15
CO43-IntGermII	Module: Intensive German II			m	15	JT-ME-MethodsMath	Module: Methods / Mathematics			m	7,5
CO43-010104	German III	Seminar	m	3	5	Take three methods (mandatory) elective courses. Each counts 2,5 ECTS.					
CO43-010105	German IV	Seminar	m	4	5						
CO43-010106	Das deutsche Gesundheitssystem	Lecture	m	4	5						
CO44-CelluBio	Module: Cellular Biology			m	15	JT-TA-TriLangArea	Module: Triangle / Language Area			m	7,5
CH01-520122	From cells to tissue and body functions	Lecture	m	3	5	Take three courses from the triangle (BUSINESS, TECHNOLOGY and INNOVATION, SOCIETAL CONTEXT) or language area. Each counts 2,5 ECTS.					
CO44-540201	Histologie Labor	Lab	m	3	5						
CH01-520102	General Molecular Cell Biology	Lecture	m	4	5						
CO45-FoundMedII	Module: Foundations in Medicine II			m	15						
CO02-520233	Microbes and Infection	Lecture	m	3	5						
CO45-540211	Mikrobiologie Labor	Lab	m	3	2,5						
CO02-520322	Immunology	Lecture	m	4	5						
CO45-540202	Immunologie	Seminar	m	4	2,5						
Year 3					60						180
CA19-IntGermIII	Module: Intensive German III			m	15						
CA19-010107	German V (between 4th and 5th Semester)	Seminar	m	5	5						
CA19-010108	Übergang ins Medizinstudium (Intersession)	Seminar	m	5	5						
CA19-010109	German VI	Seminar	m	6	5						
CA02-Internship	Module: Internship			m	20						
Internship at Medical School		Internship	m	5	20						
CA20-FoundMedIII	Module: Foundations in Medicine III			m	10						
CA20-540301	Biochemie	Lecture	m	6	5						
CA20-540311	Biochemie Labor	Lab	m	6	2,5						
CA20-540302	Forensik	Seminar	m	6	2,5						
CA21-MedNat	Module: Project/Thesis MEDNAT			m	15						
CA21-540303	Project MEDNAT	Project	m	6	5						
CA21-540304	Thesis MEDNAT	Thesis	m	6	10						
Total ECTS										180	

¹ Status (m = mandatory, e = elective, me = mandatory elective)

Appendix 1b - Mandatory Module and Examination Plan

Medical Natural Sciences – Campus Track											
Matriculation Fall 2017											
Program-Specific Modules	Type	Status ¹	Semester	Credits	Jacobs Track Modules (General Education)	Type	Status ¹	Semester	Credits		
Year 1					45						15
CH17-IntGermI	Module: Intensive German I			m	15	JT-ME-MethodsMath	Module: Methods / Mathematics			m	7,5
CH17-010101	German I	Seminar	m	1	5	JTME-120106	Applied Calculus I	Lecture	m	1	2,5
CH17-010102	German II	Seminar	m	2	5	JTME-120107	Applied Calculus II	Lecture	m	1	2,5
CH17-010103	Germany and its regions	Lecture	m	2	5	JTME-120101	Mathematical Concepts in the Sciences	Lecture	m	2	2,5
CH18-FoundNat	Module: Foundations in Natural Sciences			m	15	JT-SK-SkillsMN	Module: Skills MEDNAT			m	2,5
CH18-540101	Foundations in Organic Chemistry	Lecture	m	1	5	JT-SK-990103	Scientific and Experimental Skills	Lecture	m	1	2,5
CH18-540111	Foundations in Organic Chemistry Lab	Lab	m	1	2,5						
CH18-540102	Foundations in Physics	Lecture	m	2	5						
CH18-540112	Foundations in Physics Lab	Lab	m	2	2,5						
CH19-FoundMedI	Module: Foundations in Medicine I			m	15	JT-TA-TriLangArea	Module: Triangle / Language Area			m	5
CH19-540103	Biology/Physiology	Lecture	m	1	5		Take two courses from the triangle (BUSINESS, TECHNOLOGY and INNOVATION, SOCIETAL CONTEXT) or language area.	me	1/2	5	
CH19-540113	MedNat Lab	Lab	m	1	2,5						
CH19-540123	Anatomy	Lecture	m	2	5						
CH19-540133	Anatomy/Physiology Lab	Lab	m	2	2,5						
Year 2					45						15
CO43-IntGermII	Module: Intensive German II			m	15	JT-ME-MethodsMath	Module: Methods / Mathematics			m	7,5
CO43-010104	German III	Seminar	m	3	5		Take three methods (mandatory) elective courses.	me	3/4	7,5	
CO43-010105	German IV	Seminar	m	4	5						
CO43-010106	Das deutsche Gesundheitssystem	Lecture	m	4	5						
CO44-CelluBio	Module: Cellular Biology			m	15	JT-TA-TriLangArea	Module: Triangle / Language Area			m	7,5
CH01-520122	From cells to tissue and body functions	Lecture	m	3	5		Take three courses from the triangle (BUSINESS, TECHNOLOGY and INNOVATION, SOCIETAL CONTEXT) or language area.	me	3/4	7,5	
CO44-540201	Histologie Labor	Lab	m	3	5						
CH01-520102	General Molecular Cell Biology	Lecture	m	4	5						
CO45-FoundMedII	Module: Foundations in Medicine II			m	15						
CO02-520233	Microbes and Infection	Lecture	m	3	5						
CO45-540211	Mikrobiologie Labor	Lab	m	3	2,5						
CO02-520322	Immunology	Lecture	m	4	5						
CO45-540202	Immunologie	Seminar	m	4	2,5						
Year 3					55						5
CA19-IntGermIII	Module: Intensive German III			m	15	JT-MedNatCT	Module: Jacobs Track (MedNat CT)			m	5
CA19-010107	German V (between 4th and 5th Semester)	Seminar	m	5	5		Take any two courses from the triangle (BUSINESS, TECHNOLOGY and INNOVATION, SOCIETAL CONTEXT) or language area or methods area.	me	3/4	5	
CA19-010108	Übergang ins Medizinstudium (Intersession)	Seminar	m	5	5						
CA19-010109	German VI	Seminar	m	6	5						
CO01-Biomed	Module: Biomedicine			me	15						
CO01-520234	Advanced Molecular Cell Biology	Lecture	m	5	5						
CO01-520241	Advanced Molecular Cell Biology Lab (Intersession)	Lab	m	5	5						
CO01-520235	Molecular Mechanisms of Disease, Diagnostics and Therapy	Lecture	m	6	5						
CA20-FoundMedIII	Module: Foundations in Medicine III			m	10						
CA20-540301	Biochemie	Lecture	m	6	5						
CA20-540311	Biochemie Labor	Lab	m	6	2,5						
CA20-540302	Forensik	Seminar	m	6	2,5						
CA21-MedNat	Module: Project/Thesis MEDNAT			m	15						
CA21-540303	Project MEDNAT	Project	m	5	5						
CA21-540304	Thesis MEDNAT	Thesis	m	6	10						
Total ECTS										180	

¹ Status (m = mandatory, e = elective, me = mandatory elective)