

	II 2020													
	Program-Specific Modules	Туре	Assessment	Period	Status1	Sem.	CP		Jacobs Track Modules (General Education)	Type	Assessment	Period	Status1	Sem.
r 1 - CHOI							45							
he mandatory	CHOICE modules listed below. This is a requirement for the MCCB program.													
	Unit 1: Foundations of Medicinal Chemistry & Chemical Biology (default min	or)					15	*************	Unit: Methods / Skills		v			
110	Module: General Medicinal Chemistry & Chemical Biology (default minor)	T .			m	1	7.5	JTMS-MAT-07 JTMS-07	Module: Mathematical Concepts for the Sciences		Final exam Written examination	P 1 2 1 1	m	1
110-A 110-B	General Medicinal Chemistry & Chemical Biology General Medicinal Chemistry & Chemical Biology Tutorial	Lecture Tutorial	Written examination	Examination period			2.5	J1MS-0/	Mathematical Concepts for the Sciences	Lecture	written examination	Examination period		
111	Module: General Organic Chemistry (default minor)	Tutoriai			m	2	7.5	JTMS-SCI-17	Module: Physics for the Natural Sciences		Final exam		m	2
111-A	General Organic Chemistry	Lecture	Written examination	Examination period	•••	-	5	JTMS-17	Physics for the Natural Sciences		Written examination	Examination period	•••	
111-B	General Organic Chemistry Laboratory	Lab	Lab Reports	During the semester			2.5		•			•		
	Unit 2: General Biochemistry and Cell Biology						15		Unit: Language				m	
I-100	Module: General Biochemistry				m	1	7.5		German is default language. Native German speakers take modules in	another offered	language.			
I-100-A	General Biochemistry	Lecture	Written examination	Examination period			5	JTLA-xxx	Module: Language 1				m	1
I-100-B	General Biochemistry Laboratory	Lab	Lab reports	During the semester		2	2.5 7.5	JTLA-xxx	Language 1	Seminar	Various	Various	me	_
I-101 I-101-A	Module: General Cell Biology General Cell Biology	Lecture	Written examination	Examination period	m		7.5	JTLA-xxx JTLA-xxx	Module: Language 2 Language 2	Seminar	Various	Various	me	2
I-101-A I-101-B	General Cell Biology General Cell Biology Laboratory	Lecture	Lab Reports	During the semester			2.5	J I LA-XXX	Language 2	Sching	v ai ious	various	me	
	Unit 3: CHOICE (own selection)	Locuit	Late Reports	_ armg are semester	me		15							
e two further CI	OICE modules from those offered for all other study programs <sup>2</sup>													
ar 2 - CORE							45							
ke all CORE mov	lules listed below or replace the mandatory elective (me) modules (15 CP) with suita	ible CORE mo	dules from other study prom	rams <sup>2</sup>										
COILL MOL	Unit 1: Medicinal Chemistry & Chemical Biology (default minor)	com mo	y progr				15		Unit: Methods / Skills					
)-420	Module: Medicinal Chemistry (default minor)				m	3	5	JTMS-SCI-16	Module: Analytical Methods				m	3
								JTMS-16	Analytical Methods	Lecture	Written examination	Examination period		
-420-A	Medicinal Chemistry	Lecture	Written examination	Examination period				JTMS-SCI-18	Module: Plant Metabolites and Natural Products				m	4
	<u> </u>		Presentation	During the semester				JTMS-18	Plant Metabolites and Natural Products	Lecture	Written examination	Examination period		
)-421	Module: Chemical Biology (default minor)		was to	m 1 1 1 1 1	m	4	5							
0-421-A 0-422	Chemical Biology  Module: Pharmaceutical Chemistry (default minor)	Lecture	Written examination	Examination period	m	3+4	5							
D-422-A	Pharmaceutical Chemistry (default minor)	Lecture			III .	3 74	2.5							
O-422-B	Pharmaceutical Chemistry II	Lecture	Oral examination	Examination period		4	2.5							
	Unit 2: Organic and Analytical Chemistry						15		Unit: Language					
0-423	Module: Advanced Organic Chemistry				m	3	5		German is default language. Native German speakers take modules in	another offered	language.			
)-423-A	Advanced Organic Chemistry	Lecture	Written examination	Examination period				JTLA-xxx	Module: Language 3				m	3
)-443	Module: Scientific Software and Databanks				me	4	5	JTLA-xxx	Language 3	Seminar	Various	Various	me	
D-443-A	Scientific Software and Databanks	Seminar	Report	During the semester				JTLA-xxx	Module: Language 4				m	4
0-424	Module: Advanced Organic and Analytical Chemistry Lab	7.1	7.1.D		m	3	5	JTLA-xxx	Language 4	Seminar	Various	Various	me	
O-424-A O-424-B	Advanced Organic Chemistry Laboratory  Analytical Chemistry Laboratory	Lab Lab	Lab Reports Lab Reports	During the semester			2.5							
J-424-B	Unit 3: Drug Screening and Docking	Lab	Lав керопs				15							
0-425	Module: High Throughput Screening				me	3	5							
D-425-A	High Throughput Screening	Lecture	Written examination	Examination period										
0-426	Module: Physical Chemistry and Molecular Modelling			•	me	4	5							
)-426-A	Physical Chemistry and Molecular Modelling	Lecture	Written examination	Examination period										
D-427	Module: MCCB Laboratory				m	4	5							
O-427-A	Medicinal Chemistry & Chemical Biology Laboratory	Lab	Lab Reports	During the semester			5							
ear 3 - CARE	ER						45							
A-INT-900	Module: Internship / Startup and Career Skills				m	4/5	15		Unit: Big Questions					
A-INT-900-0	Internship / Startup and Career Skills	Internship	Report/Business Plan	During the 5 <sup>th</sup> semester					Module: Big Questions					
		шкеныпр	report Business Plan	During the 3 semester				JTBQ-BQ					m	5/6
A-MCCB-800	Module: Seminar / Thesis MCCB	and .		4	m	6	15	rake a total of 10 C	P of Big Questions modules (each 2.5 or 5 CP) as mandatory elective	various	Various	Various	me	
A-MCCB-800-T	Thesis MCCB	Thesis	Thesis and Presentation	15 <sup>th</sup> of May			12		Unit: Community Impact Project					
A-MCCB-800-S	Seminar MCCB	Seminar		During the semester		_	3	JTCI-CI-950	Module: Community Impact Project				m	5
-MCCB-800-S	Unit: Specialization MCCB				m		15	JTCI-950	Community Impact Project	Project	Project	Examination period		
ke a total of 15 C	P of specialization modules		0.1	m to death of the		,								
ke a total of 15 C	Advanced Organic Synthesis	Lecture	Oral examination	Examination period	me	6	5							
ke a total of 15 C A-S-MCCB-801 A-S-MCCB-802	Advanced Organic Synthesis Fluorine in Drug Development	Lecture	Oral examination	Examination period	me	5	2.5							
	Advanced Organic Synthesis													

<sup>&</sup>lt;sup>1</sup> Status (m = mandatory, me = mandatory elective)
<sup>2</sup> For a full listing of all CHOICE / CORE / CAREER / Jacobs Track modules please consult the **CampusNet online catalogue** and /or the study program handbooks.