## Study and Examination Plan

	II 2022													
	Program-Specific Modules	Type	Assessment	Period	Status1	Sem.	СР		Jacobs Track Modules (General Education)	Type	Assessment	Period	Status1	Sem.
ar 1 - CHOI	CE						45							
e the mandatory	CHOICE modules listed below. This is a requirement for the MCCB program.													
	Unit 1: Foundations of Medicinal Chemistry & Chemical Biology (default in						15		Unit: Methods / Skills					
-110	Module: General Medicinal Chemistry & Chemical Biology (default minor)				m	1	7.5	JTMS-MAT-07	Module: Mathematical Concepts for the Sciences		Final exam		m	1
-110-A -110-B	General Medicinal Chemistry & Chemical Biology General Medicinal Chemistry & Chemical Biology Tutorial	Lecture Tutorial	Written examination	Examination period		-	5 2.5	JTMS-07	Mathematical Concepts for the Sciences	Lecture	Written examination	Examination period		-
-111	Module: General Organic Chemistry (default minor)	Tutonai			m	2	7.5	JTMS-SCI-17	Module: Physics for the Natural Sciences	1	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	
100	Module: General Biochemistry				m	1	7.5		German is default language. Native German speakers take modules in	another offere	d language.			oxdot
100-A	General Biochemistry	Lecture	Written examination	Examination period			5	JTLA-xxx	Module: Language 1				m	1
100-B -101	General Biochemistry Laboratory	Lab	Lab reports	During the semester		2	2.5 7.5	JTLA-xxx JTLA-xxx	Language 1	Seminar	Various	Various	me	2
-101 -101-A	Module: General Cell Biology General Cell Biology	Lecture	Written examination	Examination period	m	2	7.5	JTLA-xxx	Module: Language 2  Language 2	Seminar	Various	Various	m me	
101-A	General Cell Biology Laboratory	Lecture	Lab Reports	During the semester	_		2.5	JI LA-XXX	Language 2	Schiller	various	various	inc	
.,, .	Unit 3: CHOICE (own selection)				me		15							
e two further C	HOICE modules from those offered for all other study programs <sup>2</sup>													
ar 2 - CORE							45							
e all CORE mod	lules listed below or replace the mandatory elective (me) modules (15 CP) with st	uitable CORE	modules from other study	programs <sup>2</sup>										
	Unit 1: Medicinal Chemistry & Chemical Biology (default minor)		, , , , , , , , , , , , , , , , , , , ,				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		
120-A	Medicinal Chemistry	Lecture	Written examination	Examination period				JTMS-SCI-18	Module: Plant Metabolites and Natural Products				m	4
	Module: Chemical Biology (default minor)		Presentation	During the semester			5	JTMS-18	Plant Metabolites and Natural Products	Lecture	Written examination	Examination period		-
121 21-A	Chemical Biology (aejauti minor)	Lecture	Written examination	Examination period	m	4	3							-
421-A 422	Module: Pharmaceutical Chemistry (default minor)	Lecture	written examination	Examination period	m	3+4	5							-
422-A	Pharmaceutical Chemistry I	Lecture				3	2.5							
-422-B	Pharmaceutical Chemistry II	Lecture	Oral examination	Examination period		4	2.5							
	Unit 2: Organic and Analytical Chemistry						15		Unit: Language					
-423	Module: Advanced Organic Chemistry				m	3	5		German is default language. Native German speakers take modules in	another offere	ed language.			
-423-A	Advanced Organic Chemistry	Lecture	Written examination	Examination period				JTLA-xxx	Module: Language 3				m	3
-443	Module: Scientific Software and Databanks	- 1			me	4	5	JTLA-xxx	Language 3	Seminar	Various	Various	me	<u>_</u>
443-A - <b>424</b>	Scientific Software and Databanks  Module: Advanced Organic and Analytical Chemistry Lab	Seminar	Report	During the semester	m	3	5	JTLA-xxx JTLA-xxx	Module: Language 4  Language 4	Seminar	Various	Various	m me	4
-424 -424-A	Advanced Organic Chemistry Laboratory	Lab	Lab Reports			3	2.5	JI LA-XXX	Language 4	Sciiiiiai	various	various	ilie	_
424-B	Analytical Chemistry Laboratory	Lab	Lab Reports	During the semester			2.5							
	Unit 3: Drug Screening and Docking						15							
-425	Module: High Throughput Screening				me	3	5							
425-A	High Throughput Screening	Lecture	Written examination	Examination period										
426	Module: Physical Chemistry and Molecular Modelling				me	4	5							
426-A	Physical Chemistry and Molecular Modelling	Lecture	Written examination	Examination period										_
<b>427</b> 427-A	Module: MCCB Laboratory	Lab	T 1 D	B 1 d	m	4	5							-
r 3 - CARE	Medicinal Chemistry & Chemical Biology Laboratory	Lab	Lab Reports	During the semester			45						_	
Ir 3 - CARE	EK						45							
INT-900	Module: Internship / Startup and Career Skills				m	4/5	15		Unit: Big Questions					
INT-900-0	Internship / Startup and Career Skills	Internship	Report/Business Plan	During the 5 <sup>th</sup> semester				JTBQ-BQ	Module: Big Questions				m	5/6
MCCB-800	Module: Seminar / Thesis MCCB				m	6	15		CP of Big Questions modules (each 2.5 or 5 CP) as mandatory elective	various	Various	Various	me	3/0
MCCB-800-T	Thesis MCCB	Thesis		15 <sup>th</sup> of May			12		Unit: Community Impact Project					
ACCB-800-S	Seminar MCCB	Seminar	Thesis and Presentation	During the semester			3	JTCI-CI-950	Module: Community Impact Project				m	- 5
1CCD-000-5	Unit: Specialization MCCB	Беннин		During the semester	m		15	JTCI-950	Community Impact Project	Project	Project	Examination period		
a total of 15 C	P of specialization modules							3.0.750	my impact roject	ojeci	,	period		
-MCCB-801	Advanced Organic Synthesis	Lecture	Oral examination	Examination period	me	6	5							
S-MCCB-802	Fluorine in Drug Development	Lecture	Oral examination	Examination period	me	5	2.5							
S-MCCB-804	Synthetic Biology	Seminar	Oral examination	Examination period	me	6	5							
-MCCB-805	Drug Discovery	Lecture	Written examination	Examination period	me	6	2.5							
S-xxx	Specialization electives (from CBT and BCCB) (see study program handbook)2		Various	Various	me	5/6	5							
ıl CP	// // //						45							