	al and Computer Engineering (ECE	E) BSc											
ntriculation l													
	Program-Specific Modules	Туре	Assessment	Period	Status <sup>1</sup>	Sem. CP		Jacobs Track Modules (General Education)	Туре	Assessment	Period	Status <sup>1</sup> S	Sem.
ar 1 - CHC						45							
e the mandato	ory CHOICE modules listed below, this is a requirement for the ECE progr Unit: General Electrical Engineering (default minor)	ram.				15		Unit: Methods / Skills					
-210	Module: General Electrical Engineering I				m		JTMS-MAT-09	Module: Calculus and Elements of Linear Algebra I				m	1
I-210-A	General Electrical Engineering I Lecture	Lecture	Written exam	Examination period		5	JTMS-09	Calculus and Elements of Linear Algebra I	Lecture	Written exam	Examination period		
H-210-B	General Electrical Engineering Lab I	Lab	Lab report	During the semester	_	2.5							
H-211	Module: General Electrical Engineering II (pre-requisites GenEE I)	T	W. '44	E minutina di mandi d	m	2 7.5	JTMS-MAT-10	Module: Calculus and Elements of Linear Algebra II	T	<b>33</b> 7.*44	E		2
H-211-A H-211-B	General Electrical Engineering II Lecture General Electrical Engineering Lab II	Lecture Lab	Written exam Lab report	Examination period  During the semester	_	5 2.5	JTMS-10	Calculus and Elements of Linear Algebra II	Lecture	Written exam	Examination period		
. 2 2	General Electrical Engineering Lab II	Lab	zue repert	During the semester		22.5		Unit: Language				m	
H-230	Module: Programming in C and C++				m	1 7.5		German is the default language. Native German speakers take mod	ules in another off	ered language.			
H-230-A	Programming in C and C++	Lecture	Written examination	Examination period		2.5							
H-230-A	Programming in C and C++ Tutorial	Turorial	Practical Assessment	During the semester		5	JTLA	Module: Language 1				m	1
<b>H-140</b> H-140-A	Module: Classical Physics Classical Physics	Lecture	Written exam	Examination period	m	1 7.5	JTLA-xxx	Language 1	Seminar	Various	Various	me	
н-140-А H-140-В	Classical Physics Lab	Lab	Lab report	During the semester		2.5	JTLA	Module: Language 2				m	2
	vo listed mandatory elective CHOICE modules:	240	zao report	2 aming the semiester		2.0	JTLA-xxx	Language 2	Seminar	Various	Various	me	
H-220	Module: Introduction to Robotics and Intelligent Systems				me	2 7.5							
H-220-A	Introduction to Robotics and Intelligent Systems	Lecture	Written exam	Examination period		5							
CH-220-B CH-202	Introduction to Robotics and Intelligent Systems Lab  Module: Applied Mathematics	Lab	Lab report	*	me	2.5 2 7.5							
CH-202-A	Advanced Calculus	Lecture	Written exam		IIIC	5							
Н-202-В	Numerical Software Lab	Lab	Lab report	Examination period		2.5							
	Unit: CHOICE (own selection)					1/2 7.5							
	CHOICE modules from those offered for all other study programs. <sup>2</sup>												
ear 2 - COR						45							
ake all CORE m	nodules listed below							Y 1/2 X 2					
	Unit: Signal Processing (default minor)					15	TENAC MATE 12	Unit: Methods / Skills					2
CO-520 CO-520-A	Module: Signals and Systems Signals and Systems Lecture	Lecture	Written exam	Examination period	m	3 7.5	JTMS-MAT-12 JTMS-12	Module: Probability and Random Processes  Probability and Random Processes	Lecture	Written exam	Examination period	_	3
CO-520-A	Signals and Systems Lecture Signals and Systems Lab	Lab	Lab report	During the semester	_	2.5	J 11VIS-12	Frouadhity and Random Frocesses	Lecture	written exam	Examination period		
CO-521	Module: Digital Signal Processing		1	8	m	4 7.5	JTMS-MAT-13	Module: Numerical Methods				m	4
CO-521-A	Digital Signal Processing Lecture	Lecture	Written exam	Examination period		5	JTMS-13	Numerical Methods	Lecture	Written exam	Examination period		
CO-521-B	Digital Signal Processing Lab Unit: Communications	Lab	Lab report	During the semester		2.5 <b>10</b>		Unit: Language					
CO-522	Module: Communications Basics				m	3 5		German is the default language. Native German speakers take mod	ules in another off	ered language			
CO-522-A	Communications Basics Lecture	Lecture	Written exam	Examination period		2.5	JTLA	Module: Language 3	uies in another on	crea ranguage.		m	3
CO-522-B	Communications Basics Lab	Lab	Lab report	During the semester	_	2.5	JTLA-xxx	Language 3	Seminar	Various	Various	me	
CO-523	Module: Wireless Communication				m	4 5	JTLA	Module: Language 4				m	4
CO-523-A	Wireless Communication I	Lecture	Written exam	Examination period		5	JTLA-xxx	Langauge 4	Seminar	Various	Various	me	
CO-524	Unit: Electromagnetics and Information Theory  Module: Electromagnetics				m	3 5							
CO-524-A	Electromagnetics	Lecture	Written exam	Examination period	111	5							
CO-525	Module: Information Theory			1	m	4 5							
CO-525-A	Information Theory	Lecture	Written exam	Examination period		5							
	Unit: Hardware					10							
CO-526	Module: Electronics	Lacture	Weitten ave-	Eveninetian and 1	m	3 5							
CO-526-A CO-526-B	Electronics Lecture Electronics Lab	Lecture Lab	Written exam Lab report	Examination period  During the semester	_	2.5 2.5							
CO-527	Module: PCB design and measurement automation	Lau	Luo Toport	During the seniestel	m	4 5							
CO-527-A	PCB design and measurement automation	Lab	Written exam	Examination period		5							
ear 3 - CAR	-	Lau	Lab report	During the semester									
						45							
A-INT-900	Module: Internship / Startup and Career Skills				m	4/5 15		Unit: Big Questions					
	Internship / Startup and Career Skills	Internship	Report or Businessplan	During the 5 <sup>th</sup> semester		15	ЈТВО	Module: Big Questions				m ,	5/6
			report of Dusinesspian	-	m	6 15		CP of Big Questions modules with each 2.5 - 5 CP	Lecture	Various	Various	me	3/0
A-INT-900-0	Module: Thesis / Seminar ECE			15 <sup>th</sup> of May	111	12	Tune a total of 10 C	Unit: Community Impact Project	Lecture	. 411046	, 411040	1110	
A-INT-900-0 A-ECE-800	Module: Thesis / Seminar ECE Thesis ECE	Thesis	Thesis			12	JTCI-CI-950	Module: Community Impact Project				m	5
A-INT-900-0 A-ECE-800 A-ECE-800-T A-ECE-800-S	Module: Thesis / Seminar ECE  Thesis ECE Seminar ECE	Thesis Seminar	Thesis Presentation	•		3							
A-INT-900-0 A-ECE-800 A-ECE-800-T	Thesis ECE			During the semester	m	3 15	JTCI-950	Community Impact Project	Project	Project	Examination period		
A-INT-900-0 A-ECE-800 A-ECE-800-T A-ECE-800-S	Thesis ECE Seminar ECE			•	m	3 15	JTCI-950	Community Impact Project	Project	Project	Examination period		
A-INT-900-0  A-ECE-800  A-ECE-800-T  A-ECE-800-S  ake a total of 15	Thesis ECE Seminar ECE Unit: Specialization ECE			•	m me	3 15 5 5	JTCI-950	Community Impact Project	Project	Project	Examination period		
A-INT-900-0  A-ECE-800  A-ECE-800-T  A-ECE-800-S  uke a total of 15  A-S-ECE-801  A-S-ECE-802	Thesis ECE Seminar ECE Unit: Specialization ECE CP of specializatopn modules Wireless Communication II Coding Theory	Seminar  Lecture Lecture	Presentation  Written exam Written exam	During the semester  Examination period Examination period			JTCI-950	Community Impact Project	Project	Project	Examination period		
A-INT-900-0  A-ECE-800  A-ECE-800-T  A-ECE-800-S  ake a total of 15  A-S-ECE-801  A-S-ECE-802  A-S-ECE-803	Thesis ECE Seminar ECE Unit: Specialization ECE Teleof specializatopn modules Wireless Communication II Coding Theory Digital Design	Lecture Lecture/Lab	Presentation  Written exam Written exam Written exam	Examination period Examination period Examination period	me	5 5	JTCI-950	Community Impact Project	Project	Project	Examination period		
A-INT-900-0  A-ECE-800  A-ECE-800-T  A-ECE-800-S  ake a total of 15  A-S-ECE-801  A-S-ECE-802	Thesis ECE Seminar ECE Unit: Specialization ECE CP of specializatopn modules Wireless Communication II Coding Theory	Seminar  Lecture Lecture	Presentation  Written exam Written exam	During the semester  Examination period Examination period	me me	5 5 5 5	JTCI-950	Community Impact Project	Project	Project	Examination period		1

<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.