

Intelligen	t Mobile Systems (IMS) BSc.												
Aatriculation Fal	1 2019												
	Program-Specific Modules	Туре	Assessment	Period	Status	Sem.	. СР		Jacobs Track Modules (General Education)	Type	Assessment	Period	Sta
ear 1 - CHOIO	ĴE						45						
ike the mandatory	CHOICE modules listed below						15		T '4 M (J - 1 - (C) '9)				
** ***							15	THE CONTRACT	Unit: Methods / Skills				
H-220	Module: Introduction to Robotics and Intelligent Systems (default	t minor)			m	2	7.5	JIMS-MAT-09	Module: Calculus and Elements of Linear Algebra 1		NY 10 1 1	<b>n</b> 1 2 1	1
H-220-A	Introduction to Robotics and Intelligent Systems	Lecture	Written examination	Examination period			5	JIMS-09	Calculus and Linear Algebra I	Lecture	Written examination	Examination period	d
H-220-B	Intro to KIS - Iab	Lab				1	2.5	Module Code	Module: Calculus and Elements of Linear Algebra II	Lastern	Waittan ananinatian	E	1
1-231 1-231-A	Algorithms and Data Structures	Lastura	Written examination	Examination pariod	m	2	7.5	J1MS-10	Calculus and Linear Algebra II	Lecture	written examination	Examination period	a
-251-A	Algorithms and Data Structures	Lecture	whiten examination	Examination period			75		Unit: Longuago				
	Module: Programming in C and C++ (default minor)				m		7.5				97 L1		_
1-230	Dramming in C and C++ (default limit)	Lastura			ш	1	7.5		German is default language. Native German speakers take mod	les in another of	nered language.		
1-230-A 1 220 P	Programming in C and C++	Tecture	Written examination	Examination period			2.5	Module Code	Module: Language 1	C	Variana	V	
-230-В	Unit: CHOICE (own calcotion)	Tutoriai				1/2	22.5	JILA-XXX	Language I	Seminar	vanous	various	
ka thraa furthar C	HOICE modules from those offered for all other study programs <sup>2</sup>					1/2	44.0	Module Code	Module: Language ?				-
le intee juriner C	nonee mountes from mose offered for an omer study programs.							ITL A-XXX	Language 2	Seminar	Various	Various	
ear 2 - CORE								J Lat AAA	Language 2	beinna	Turious	( unous	
a all COPE mod	ulas listed below or realized mandatory elective ("mo") modules with su	itable COPF module	s from other study progra				45						
ke uli COKE moui	Unit: Debotics (deafault minor)	liable CORE moutile	s from other study program	m			15	<b>1</b> 1	Unit: Mathada / Skilla				_
	Madula Babatian				m		1.0	ITMS MAT 12	Modular Prohability and Pandom Prosessor				
0-540	Module: Robolics	τ.	MIT for the st	10 1 A 1 1	ш	3	5	JTMS-MAT-12	Module: Frobability and Kandolii Frocesses	¥ .	XX7 to the st	<b>n</b> 1 2 1	1
-540-A	Robotics	Lecture	Written examination	Examination period		-		JIMS-12	Probability and Random Processes	Lecture	Written examination	Examination period	d
541	Module: Machine Learning	Lastura	Waittan anaminatian	Enough at an and a	m	4	5	Talas and af the train	listed manufature all stine matheds and half a				
-541-A	Machine Learning	Lecture	written examination	Examination period		2.4	-	Take one of the two	listed mandatory elective methods modules:				
542	DIS Leb 1	I -h	Lub Dement		me	3-4	25	JIMS-MAI-15	Module: Numerical Methods	Lastern	Waittan ananinatian	E	-1
542-A 542-B	RIS Lab 1 DIS Lab 2	Lab	Lab Report	During the semester		1	2.5	J1W3-15	Numerical Methods	Lecture	w nuen examination	Examination period	u
J42-B	KIS Lab 2	Lao	Lab Report			4	2.5	CO-501 CO 501 A	Disarte Mathematics	Loctura	Writton avamination	Examination pario	d
542	Chil: Automation and Control						- 15	CO-301-A	Discrete Mathematics	Lecture	written examination	Examination period	a
-543	Automation	τ.	With the	15 A A A A	me	4	5		<b>VT 1. V</b>				_
-543-A	Automation Madular Embadded Santana	Lecture	written examination	Examination period		2	5		Communication of the second se	las in an all as at	£		
-544 544 A	Embedded Systems	Looturo/Lob	Project	During the comoster	me	3	3	Madula Codo	Modulor L anguage 3	les in another of	nereu language.		
545	Module: Control Systems	Eccure Lab	Tioject	During the semester	me	3	5	ITL A-XXX	Language 3	Seminar	Various	Various	_
-343 -545-Δ	Control Systems	Lastura	Written examination	Examination pariod	me	3	3	JILA-XXX	Language 5	Semma	v arrous	various	
545-A	Unit: Intelligent Systems	Lecture	whiten examination	Examination period			15	Module Code	Module: Language 4				
-546	Module: Computer Vision				me	3	5	ITL A-XXX	Language 4	Seminar	Various	Various	_
-546-A	Computer Vision	Lecture/Lab	Written examination	Examination period	me	5	5	5 122 T XXX	Language 4	beinna	, anous	( unous	
)-547	Module: Artificial Intelligence	Lecture Lat	Winten examination	Examination period	m	4	5						
-547-A	Artificial Intelligence	Lecture	Written examination	Examination period				1					
-548	Module: RIS project				m	4	5	1					
-548-A	RIS project	Project/Lab	Report / Presentation	During the semester				1					
ar 3 - CAREI	ER						45						
	Module: Summer Internshin				m				Unit: Big Questions				
A-INT-900	module, outsider filler isinp					4/5	15		Unit, Dig Questions				
-INT-900-0	Summer Internship	Internship	Report/Business Plan	During the 5th Semester				JTBQ-BQ	Module: Big Questions				
-RIS-800	Module: Thesis / Seminar IMS			4	m	6	15	Take a total of 10 Cl	of Big Questions modules with each 2.5 or 5 CP	Lecture	Various	Various	_
-RIS-800-T	Thesis	Thesis	Thesis and Presentation	15 <sup>th</sup> of May			12	THOIL OF A PA	Unit: Community Impact Project				
-RIS-800-S	Seminar	Seminar		During the semester	_		3	JTCI-CI-950	Module: Community Impact Project				
	Unit: Specialization				m	5/6	15	JTCI-950	Community Impact Project	Project	Project	Examination period	d
ke a total of 15 Cl	P of specialization modules												
A-S-RIS-801	Marine Robotics	Lecture/Lab	Oral examination	Examination period	me	6	5						
S-S-RIS-802	Human-Computer Interaction	Lecture	Written examination	Examination period	me	5	5						
S-S-RIS-803	Optimisation	Lecture	Written examination	Examination period	me	6	5						
	-	Mandana.	X7										
A-S-xxx	Specialization elective (from CS, ECE, Math, IEM study programs)	various	various	Various	me	5/6	2						

Status (m = mandatory, me = mandatory elective)
For a full listing of all CHOICE / CORE / CAREER / Jacobs Track modules please consult the CampusNet online catalogue and /or the study program handbooks.
For details please see the IMS program handbook