UNIVERSITÀ DI TRENTO

Dipartimento di Ingegneria e Scienza dell'Informazione

Manifesto of the Master's Degree in Artificial Intelligence Systems - 0342H
Curricula: *Methodologies and Applications, AI and Innovation, Systems, Neurocognitive Architectures*
Cohort of Students 2020/2021

A - Curriculum *Methodologies and Applications*

(1) Mandatory courses (48 CFU)

The following 6 courses must be included in all study plans.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145856 - Fundamentals of Artificial Intelligence	ING-INF/05	12	Car.	1	1	Sebastiani
145857 - Machine Learning 　　Module I	ING-INF/05	12	Car.	1	1	Melgani/Passerini
Module II - *Sharing with LM: AIS, INFO course 145764 - Deep learning, Mat (145903), DS (145718)*					2	Ricci
145858 - Signal, Image and Video *Sharing with LM: AIS, INFO*	ING-INF/03	6	Aff.	1	1	De Natale
145859- Natural Language Understanding *Sharing with LM: AIS, INFO*	ING-INF/05	6	Car.	1	2	Riccardi
145860 - Law and Ethics in Artificial Intelligence	IUS/21	6	Aff.	1	1	Casonato/Penasa
145861- Artificial and biological neural systems	ING-INF/05	6	Car.	1	2	Hasson

(2) Depth requirement (12 CFU)

Select 2 (12 CFU) among the following courses.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145862 – Automated Planning: Theory and Practice	ING-INF/05	6	Car.	2	1	Roveri
145863 - Automated Reasoning *Sharing with LM: INFO course 145056 Formal Methods Module I, AIS*	ING-INF/05	6	Car.	1	2	Sebastiani
145864 - Human-Machine Dialogue	ING-INF/05	6	Car.	2	1	Riccardi
145865 - Optimization techniques *Sharing with LM: INFO course 145615 Intelligent Optimization for data science, COM course 145615 Intelligent Optimization for data science AIS, DS*	ING-INF/05	6	Car.	1	2	Battiti
145866 - Introduction to Robotics *Sharing 6 CFU with LM: ING MECC course 145959 Introduction to Robotics , AIS*	ING – INF/04	6	Car.	1	2	Focchi Michele
145867 - Autonomous Software Agents *Sharing with LM: INFO, AIS*	ING INF/05	6	Car.	1	2	Giorgini

Choose one among the following paths (***Computer Vision, Methodologies, Intelligent Robots)*** and select 18 CFU from it.

(3a) Path *Computer Vision*

Select the following 3 courses (18 CFU) if you choose the path *Computer Vision*.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
140266 - Computer Vision *Sharing with LM: COM, INFO, AIS*	ING-INF/03	6	Aff.	1	2	Conci
145869 - Advanced Computer Vision	ING-INF/05	6	Car.	2	1	Sebe /Ricci
145870 - Trends and Applications of Computer Vision *Sharing with LM: AIS, COM*	ING-INF/05	6	Car.	2	1	Conci/Sebe/De Natale/Ricci

(3b) Path *Methodologies* (18 CFU)

Select the following 3 courses (18 CFU) if you choose the path *Methodologies*.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145871 - Advanced Topics in Machine Learning and Optimization	MAT/09	6	Aff.	2	1	Passerini
Other 2 courses among {Depth courses, Advanced Computer Vision}	ING-INF/05	12	Car.	1/2	2/1	

(3c) Path *Intelligent Robots* (18 CFU)

Select the following 3 courses (18 CFU) if you choose the path *Intelligent Robots*.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145872 - Distributed Robot Perception *Sharing with LM: ING MECC course 140472 Distributed systems for measurement and automation, AIS*	ING-INF/07	6	Aff.	2	1	Fontanelli
145873 - Optimisation Based Robot Control *Sharing with LM: AIS, ING MECC*	ING-INF/04	6	Car.	2	1	Del Prete

145874 - Robot Planning and its application *Sharing with LM: INFO, AIS*	ING-INF/05	6	Car.	2	1	Palopoli

(4) Free-choice courses (12 credits)

Select 2 free-choice courses (12 credits) among the ones offered by the Master's Degree in *Computer Science* or *Information and Communications Engineering* of the Department of Information Communication and Computer Science (DISI) of the University of Trento. The courses listed in the tables above, those listed in the free-choice courses table listed below, and those suggested in the online tool for study plan of ESSE3 are automatically approved. In case other courses offered by the University of Trento are selected, a personalized study plan must be completed and submitted to the commission for study plan examination.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145779 - Dynamics and control of vehicles and robots *Sharing 6 credits with LM: ING MECC course 145779 (sharing 6 credits from 140501 - 9 CFU, AIS*	ING-IND/13	6	Scelta	2	2	Biral/Papini
140466- Computational methods for mechatronics *Sharing with LM: ING MECC, AIS*	MAT/08	6	Scelta	2	1	Biral/Bertolazzi
145875 - Modeling and simulation of mechatronic systems *Sharing 6 credits with LM: ING MECC course 140469 - 9 CFU, AIS*	ING IND/13	6	Scelta	1	2	Biral/Bertolazzi
145763 - Bio-Inspired Artificial Intelligence *Sharing with LM: COM, INFO, AIS*	ING-INF/05	6	Scelta	2	2	Iacca
145876 - Model Checking (NOTE) *Sharing with LM: INFO course 145056 Formal Methods Module II, AIS*	ING-INF/05	6	Scelta	1	2	Sebastiani
145774 - Automatic Control *Sharing with LM: ING MECC, AIS*	ING-INF/04	6	Scelta	1	2	Zaccarian/Giordano

154086 - Functional anatomy of language *Sharing with LM: CIMEC, AIS*	M-PSI/02	6	Scelta	2	2	Papagno
154107 - Neuroimaging for Data Science *Sharing with LM: DS 145801 Neuroimaging for Data Science, CIMEC, AIS*	M-PSI/02	6	Scelta	2	1	Tettamanti/ Baldauf
145877 - Logical Structure in Natural Language *Sharing with LM CIMEC course 154061, AIS*	M-FIL/05	6	Scelta	2	2	Zamparelli
145453 - Data Mining *Sharing with LM: COM, AIS, INFO, MAT, DS*	ING-INF/05	6	Scelta	2	1	Velegrakis
145972 - High Performance Computing for Data Science *condivide con LM: Info, Com, AIS*	ING-INF/05	6	Scelta	1	2	Fiore S.L.
145091 – Technical Writing	L- LIN /12	6	Scelta	1	1/2	Centro Linguistico di Ateneo
145879 – Italian Language (NOTE)		6	Scelta	1	1/2	Centro Linguistico di Ateneo

NOTES:
- 145876: Model Checking (aka Formal Methods Module II) requires as prerequisite Automated Reasoning (aka Formal Methods Module I)
- 145879: This course is reserved to foreign students only.
  Please note that foreign students lacking a sufficient level of knowledge of the Italian language will be required to include 145879 - Italian Language, offered by CLA (University Language Center) in their study plan.

The study course is completed by:
- 145884 - Tesi / Thesis: 24 CFU
- 145885 - Tirocini formativi e di orientamento / Internship: 6 CFU

B - Curriculum *AI and Innovation*

(1) Mandatory courses (48 CFU)

The following 6 courses must be included in all study plans.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145856 - Fundamentals of Artificial Intelligence	ING-INF/05	12	Car.	1	1	Sebastiani

145857 - Machine Learning
    Module I
    Module II - *Sharing with LM: AIS, INFO course 145764 - Deep learning, Mat (145903), DS (145718)*
	ING-INF/05	12	Car.	1	1	Melgani/Passerini

					2	Ricci
145858 - Signal, Image and Video *Sharing with LM: AIS, INFO*	ING-INF/03	6	Aff.	1	1	De Natale
145859- Natural Language Understanding	ING-INF/05	6	Car.	1	2	Riccardi
145860 - Law and Ethics in Artificial Intelligence	IUS/21	6	Aff.	1	1	Casonato/Penasa
145861- Artificial and biological neural systems	ING-INF/05	6	Car.	1	2	Hasson

(2) Depth requirement (12 CFU)

Select 2 (12 CFU) among the following courses.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145862 – Automated Planning: Theory and Practice	ING-INF/05	6	Car.	2	1	Roveri
145863 - Automated Reasoning *Sharing with LM: INFO course 145056 Formal Methods Module I, AIS*	ING-INF/05	6	Car.	1	2	Sebastiani
145864 - Human-Machine Dialogue	ING-INF/05	6	Car.	2	1	Riccardi
145865 - Optimization techniques *Sharing with LM: INFO course 145615 Intelligent Optimization for data science, COM course 145615 Intelligent Optimization for data science, AIS, DS*	ING-INF/05	6	Car.	1	2	Battiti
145866 - Introduction to Robotics *Sharing 6 CFU with LM: ING MECC course 145959 Introduction to Robotics , AIS*	ING – INF/04	6	Car.	1	2	Focchi Michele
145867 - Autonomous Software Agents *Sharing with LM: INFO, AIS*	ING INF/05	6	Car.	1	2	Giorgini

(3) Path *AI and Innovation* (18 CFU)

Select the following 3 courses (18 CFU) related to the path *AI and Innovation*.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145880 - ICT Innovation *Sharing with LM: INFO, COMM course 145455 ICT Innovation (6 credits)*	ING-INF/05	6	Car.	1	2	Formentini M.
145881 - AI and Innovation	ING IND/35	6	Aff.	2	1	TBD
145936 - Innovation and Entrepreneurship Basic *Sharing with LM: INFO, AIS, COM course 145761 – Innovation and Business in ICT*	SECS-P/10	6	Aff.	2	1	TBD

(4) Free-choice courses (12 credits)

Select 2 free-choice courses (12 credits) among the ones offered by the Master's Degree in *Computer Science* or *Information and Communications Engineering* of the Department of Information Communication and Computer Science (DISI) of the University of Trento. The courses listed in the tables above, those listed in the free-choice courses table listed below, and those suggested in the online tool for study plan of ESSE3 are automatically approved. In case other courses offered by the University of Trento are selected, a personalized study plan must be completed and submitted to the commission for study plan examination.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145779 - Dynamics and control of vehicles and robots *Sharing 6 credits with LM: ING MECC course 145779 (sharing 6 credits from 140501 - 9 CFU, AIS*	ING-IND/13	6	Scelta	2	2	Biral/Papini
140466- Computational methods for mechatronics *Sharing with LM: ING MECC, AIS*	MAT/08	6	Scelta	2	1	Bertolazzi
145875 - Modeling and simulation of mechatronic systems *Sharing 6 credits with LM: ING MECC course 140469 - 9 CFU,, AIS*	ING IND/13	6	Scelta	1	2	Biral/Bertolazzi
145763 - Bio-Inspired Artificial Intelligence *Sharing with LM: COM, INFO, AIS*	ING-INF/05	6	Scelta	2	2	Iacca
145876 - Model Checking (NOTE) *Sharing with LM: INFO course 145056 Formal Methods Module II, AIS*	ING-INF/05	6	Scelta	1	2	Sebastiani
145774 - Automatic Control *Sharing with LM: ING MECC, AIS*	ING-INF/04	6	Scelta	1	2	Zaccarian/Giordano
154086 - Functional anatomy of language *Sharing with LM: CIMEC, AIS*	M-PSI/02	6	Scelta	2	2	Papagno
154107 - Neuroimaging for Data Science *Sharing with LM: DS 145801 Neuroimaging for Data Science, CIMEC, AIS*	M-PSI/02	6	Scelta	2	1	Tettamanti/ Baldauf
145877 - Logical Structure in Natural Language *Sharing with LM CIMEC course 154061, AIS*	M-FIL/05	6	Scelta	2	2	Zamparelli

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145453 - Data Mining *Sharing with LM: COM, AIS, INFO, MAT, DS*	ING-INF/05	6	Scelta	2	1	Velegrakis
145972 - High Performance Computing for Data Science *condivide con LM: Info, Com, AIS*	ING-INF/05	6	Scelta	1	2	Fiore S.L.
145091 – Technical Writing	L- LIN /12	6	Scelta	1	1/2	Centro Linguistico di Ateneo
145879 – Italian Language (NOTE)		6	Scelta	1	1/2	Centro Linguistico di Ateneo

NOTES:
- 145876: Model Checking (aka Formal Methods Module II) requires as prerequisite Automated Reasoning (aka Formal Methods Module I)
- 145879: This course is reserved to foreign students only.
  Please note that foreign students lacking a sufficient level of knowledge of the Italian language will be required to include 145879 - Italian Language, offered by CLA (University Language Center) in their study plan.

The study course is completed by:
- 145884 - Tesi / Thesis: 24 CFU
- 145885 - Tirocini formativi e di orientamento / Internship: 6 CFU

C - Curriculum *Systems*

(1) Mandatory courses (48 CFU)

The following 6 courses must be included in all study plans.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145856 - Fundamentals of Artificial Intelligence	ING-INF/05	12	Car.	1	1	Sebastiani

145857 - Machine Learning
  Module I
  Module II - *Sharing with LM: AIS, INFO course 145764 - Deep learning, Mat (145903), DS (145718)*
	ING-INF/05	12	Car.	1	1
					
					2
						Melgani/Passerini
						
						Ricci

145858 - Signal, Image and Video *Sharing with LM: AIS, INFO*	ING-INF/03	6	Aff.	1	1	De Natale
145859- Natural Language Understanding	ING-INF/05	6	Car.	1	2	Riccardi
145860 - Law and Ethics in Artificial Intelligence	IUS/21	6	Aff.	1	1	Casonato/Penasa
145861- Artificial and biological neural systems	ING-INF/05	6	Car.	1	2	Hasson

(2) Depth requirement (12 CFU)

Select 2 (12 CFU) among the following courses.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145862 – Automated Planning: Theory and Practice	ING-INF/05	6	Car.	2	1	Roveri
145863 - Automated Reasoning *Sharing with LM: INFO course 145056 Formal Methods Module I, AIS*	ING-INF/05	6	Car.	1	2	Sebastiani
145864 - Human-Machine Dialogue	ING-INF/05	6	Car.	2	1	Riccardi
145865 - Optimization techniques	ING-INF/05	6	Car.	1	2	Battiti

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
Sharing with LM: INFO course 145615 Intelligent Optimization for data science, COM course 145615 Intelligent Optimization for data science AIS, DS						
145866 - Introduction to Robotics *Sharing 6 CFU with LM: ING MECC course 145959 Introduction to Robotics , AIS*	ING – INF/04	6	Car.	1	2	Focchi Michele
145867 - Autonomous Software Agents *Sharing with LM: INFO, AIS*	ING INF/05	6	Car.	1	2	Giorgini

(3) Path *Systems* (18 CFU)

Select 3 (18 CFU) among the following courses related to the path *Systems*.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145762 - Ultrasound Technologies for Medical Applications *Sharing with LM: COM, INFO, AIS*	ING-INF/05	6	Car.	2	1	Demi
145613 - Imaging and diagnostic techniques *Sharing with LM: COM, AIS*	ING-INF/02	6	Aff.	2	1	Rocca
145883 - Sensing and Radar Technologies *Sharing with LM: COM course 145612 Advance Remote Sensing Systems, INFO, AIS*	ING-INF/03	6	Aff.	2	1	Bruzzone

(4) Free-choice courses (12 credits)

Select 2 free-choice courses (12 credits) among the ones offered by the Master's Degree in *Computer Science* or *Information and Communications Engineering* of the Department of Information Communication and Computer Science (DISI) of the University of Trento. The courses listed in the tables above, those listed in the free-choice

courses table listed below, and those suggested in the online tool for study plan of ESSE3 are automatically approved. In case other courses offered by the University of Trento are selected, a personalized study plan must be completed and submitted to the commission for study plan examination.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145779 - Dynamics and control of vehicles and robots *Sharing 6 credits with LM: ING MECC course 145779 (sharing 6 credits from 140501 - 9 CFU, AIS*	ING-IND/13	6	Scelta	2	2	Biral/Papini
140466- Computational methods for mechatronics *Sharing with LM: ING MECC, AIS*	MAT/08	6	Scelta	2	1	Bertolazzi
145875 - Modeling and simulation of mechatronic systems *Sharing 6 credits with LM: ING MECC course 140469 - 9 CFU, AIS*	ING IND/13	6	Scelta	1	2	Biral/Bertolazzi
145763 - Bio-Inspired Artificial Intelligence *Sharing with LM: COM, INFO, AIS*	ING-INF/05	6	Scelta	2	2	Iacca
145876 - Model Checking [NOTE] *Sharing with LM: INFO course 145056 Formal Methods Module II, AIS*	ING-INF/05	6	Scelta	1	2	Sebastiani
145774 - Automatic Control *Sharing with LM: ING MECC, AIS*	ING-INF/04	6	Scelta	1	2	Zaccarian/Giordano
154086 - Functional anatomy of language *Sharing with LM: CIMEC, AIS*	M-PSI/02	6	Scelta	2	2	Papagno
154107 - Neuroimaging for Data Science *Sharing with LM: DS 145801 Neuroimaging for Data Science, CIMEC, AIS*	M-PSI/02	6	Scelta	2	1	Tettamanti/ Baldauf
145877 - Logical Structure in Natural Language *Sharing with LM CIMEC course 154061, AIS*	M-FIL/05	6	Scelta	2	2	Zamparelli
145453 - Data Mining *Sharing with LM: COM, AIS, INFO, MAT, DS*	ING-INF/05	6	Scelta	2	1	Velegrakis

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145972 - High Performance Computing for Data Science *condivide con LM: Info, Com, AIS*	ING-INF/05	6	Scelta	1	2	Fiore S.L.
145091 – Technical Writing	L- LIN /12	6	Scelta	1	1/2	Centro Linguistico di Ateneo
145879 – Italian Language (NOTE)		6	Scelta	1	1/2	Centro Linguistico di Ateneo

NOTES:
- 145876: Model Checking (aka Formal Methods Module II) requires as prerequisite Automated Reasoning (aka Formal Methods Module I)
- 145879: This course is reserved to foreign students only.
  Please note that foreign students lacking a sufficient level of knowledge of the Italian language will be required to include 145879 - Italian Language, offered by CLA (University Language Center) in their study plan.

The study course is completed by:
- 145884 - Tesi / Thesis: 24 CFU
- 145885 - Tirocini formativi e di orientamento / Internship: 6 CFU

D - Curriculum *Neurocognitive Architectures*

(1) Mandatory courses (48 CFU)

The following 6 courses must be included in all study plans.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente

145856 - Fundamentals of Artificial Intelligence	ING-INF/05	12	Car.	1	1	Sebastiani

145857 - Machine Learning
    Module I
    Module II - *Sharing with LM: AIS, INFO course 145764 - Deep learning, Mat (145903), DS (145718)*
	ING-INF/05	12	Car.	1	1	Melgani/Passerini

					2	Ricci
145858 - Signal, Image and Video *Sharing with LM: AIS, INFO*	ING-INF/03	6	Aff.	1	1	De Natale
145859- Natural Language Understanding	ING-INF/05	6	Car.	1	2	Riccardi
145860 - Law and Ethics in Artificial Intelligence	IUS/21	6	Aff.	1	1	Casonato/Penasa
145861- Artificial and biological neural systems	ING-INF/05	6	Car.	1	2	Hasson

(2) Track Neurocognitive Architecture (30 CFU)

The following 4 courses must be included in all study plans.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
154115 - Understanding Cognitive Psychology and Neuroscience *Sharing with LM: CIMEC, AIS*	9	ING-INF/05	Car.	2	1	Bottini
154057 - Computational Linguistics *Sharing with LM: CIMEC, AIS*	9	ING-INF/05	Car.	2	1	Bernardi
154036 - Intro to Human Language *Sharing with LM: CIMEC, AIS*	6	L-LIN/01	Aff.	2	1	Zamparelli

Titolo / Note		SSD	CFU	Tipo	Anno	Sem.	Docente
154108 - Language and Social Cognition *Sharing with LM: CIMEC, AIS*		6	M PSI/02	Aff.	2	1	Hasson

(4) Free-choice courses (12 credits)

Select 2 free-choice courses (12 credits) among the ones offered by the Master's Degree in *Computer Science* or *Information and Communications Engineering* of the Department of Information Communication and Computer Science (DISI) of the University of Trento. The courses listed in the tables above, those listed in the free-choice courses table listed below, and those suggested in the online tool for study plan of ESSE3 are automatically approved. In case other courses offered by the University of Trento are selected, a personalized study plan must be completed and submitted to the commission for study plan examination.

Titolo / Note	SSD	CFU	Tipo	Anno	Sem.	Docente
145779 - Dynamics and control of vehicles and robots *Sharing 6 credits with LM: ING MECC course 145779 (sharing 6 credits from 140501 - 9 CFU, AIS*	ING-IND/13	6	Scelta	2	2	Biral/Papini
140466- Computational methods for mechatronics *Sharing with LM: ING MECC, AIS*	MAT/08	6	Scelta	2	1	Bertolazzi
145875 - Modeling and simulation of mechatronic systems *Sharing 6 credits with LM: ING MECC course 140469 - 9 CFU, AIS*	ING IND/13	6	Scelta	1	2	Biral/Bertolazzi
145763 - Bio-Inspired Artificial Intelligence *Sharing with LM: COM, INFO, AIS*	ING-INF/05	6	Scelta	2	2	Iacca
145876 - Model Checking (NOTE) *Sharing with LM: INFO course 145056 Formal Methods Module II, AIS*	ING-INF/05	6	Scelta	1	2	Sebastiani
145774 - Automatic Control *Sharing with LM: ING MECC, AIS*	ING-INF/04	6	Scelta	1	2	Zaccarian
154086 - Functional anatomy of language *Sharing with LM: CIMEC, AIS*	M-PSI/02	6	Scelta	2	2	Papagno

154107 - Neuroimaging for Data Science *Sharing with LM: DS 145801 Neuroimaging for Data Science, CIMEC, AIS*	M-PSI/02	6	Scelta	2	1	Tettamanti/ Baldauf
145877 - Logical Structure in Natural Language *Sharing with LM CIMEC course 154061, AIS*	M-FIL/05	6	Scelta	2	2	Zamparelli
145453 - Data Mining *Sharing with LM: COM, AIS, INFO, MAT, DS*	ING-INF/05	6	Scelta	2	1	Velegrakis
145972 - High Performance Computing for Data Science *condivide con LM: Info, Com, AIS*	ING-INF/05	6	Scelta	1	2	Fiore S.L.
145091 – Technical Writing	L- LIN /12	6	Scelta	1	1/2	Centro Linguistico di Ateneo
145879 – Italian Language (NOTE)		6	Scelta	1	1/2	Centro Linguistico di Ateneo

NOTES:
- 145876: Model Checking (aka Formal Methods Module II) requires as prerequisite Automated Reasoning (aka Formal Methods Module I)
- 145879: This course is reserved to foreign students only.
  Please note that foreign students lacking a sufficient level of knowledge of the Italian language will be required to include 145879 - Italian Language, offered by CLA (University Language Center) in their study plan.

The study course is completed by:
- 145884 - Tesi / Thesis: 24 CFU
- 145885 - Tirocini formativi e di orientamento / Internship: 6 CFU

Please note:
CFU : Credits
LM: corso di laurea magistrale / Master of Science
LT: corso di laurea / Bachelor of Science

INFO: Computer Science
COM: Computer Science and Communication
ING MECC: Mechatronics Engineering
CIMEC: Psychology and Cognitive Science
MAT: Mathematics

CURRICULA RECAP

A - Methodologies and Applications		B - AI for Innovation	C - Systems	D - Neurocognitive Architectures
48 CFU Mandatory courses		48 CFU Mandatory courses	48 CFU Mandatory courses	48 CFU Mandatory courses
12 CFU Depth requirement		12 CFU Depth requirement	12 CFU Depth requirement	
18 CFU Path *choose among*	*Computer Vision*	18 CFU Path *AI and Innovation*	18 CFU Path *Systems*	30 CFU Track *Neurocognitive Architectures*
	Methodologies			
	Intelligent Robots			
12 CFU Free-choice courses		12 CFU Free-choice courses	12 CFU Free-choice courses	12 CFU Free-choice courses
24 CFU Thesis		24 CFU Thesis	24 CFU Thesis	24 CFU Thesis
6 CFU Internship		6 CFU Internship	6 CFU Internship	6 CFU Internship
120 CFU		120 CFU	120 CFU	120 CFU