

Study Curriculum

Regular Track

2014-2015

Mandatory courses propaedeutic		
Code	Name	ECTS
INBIMP-09	Imperative Programming B	5
INBOI-08	Introduction to Computing Science	5
WPAI14002	Introduction to Logic (CS & MA)	5
WPMA14001	Calculus for Computing Science	5
INBDS-08	Discrete Structures	5
WBCS14002	Computer Architecture	5
INBADC-09	Algorithms and Data Structures in C	5
WBCS14003	Introduction to Scientific Computing	5
INBPC-08	Program Correctness	5
Mandatory courses post-propaedeutic		
Code	Name	ECTS
INBGOP-09	Advanced OO Programming	5
INBFP-08	Functional Programming	5
WISTAKI-07	Statistics	5
INBIIS-08	Introduction to Information Systems	5
KIB.SENS12	Systems and Signals	5
INBSASO-09	Software Analysis and Design	5
INBGAD-10	Advanced Algorithms and Data Structures	5
WBCS14001	Computing Science: Ethical and Professional Issues	5
INBSE1-08	Software Engineering 1	5
Minor/ electives		
Code	Name	ECTS
INBSEC-08	Information Security	5
INBINTS-08	Introduction Intelligent Systems	5
WBCS15001	Requirements Engineering and Software Startups	5
Bachelor's project		
Code	Name	ECTS
WBCS13000	Bachelor's project	15

Alternatives		
Code	Name	ECTS
INBIMP-09	Imperative Programming B	5
((KIB.AS03 Autonomous Systems 5) or (WBCS14003 Introduction to Scientific Computing 5))		
INBGOP-09	Advanced OO Programming	5
((KIB.AS03 Autonomous Systems 5) and (WBCS14003 Introduction to Scientific Computing 5) or (KIB.AS03 Autonomous Systems 5))		
INBSE1-08	Software Engineering 1	5
(KIB.AS03 Autonomous Systems 5)		