Study Curriculum

Regular Track

2014-2015

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| 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 |

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| **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) | | |