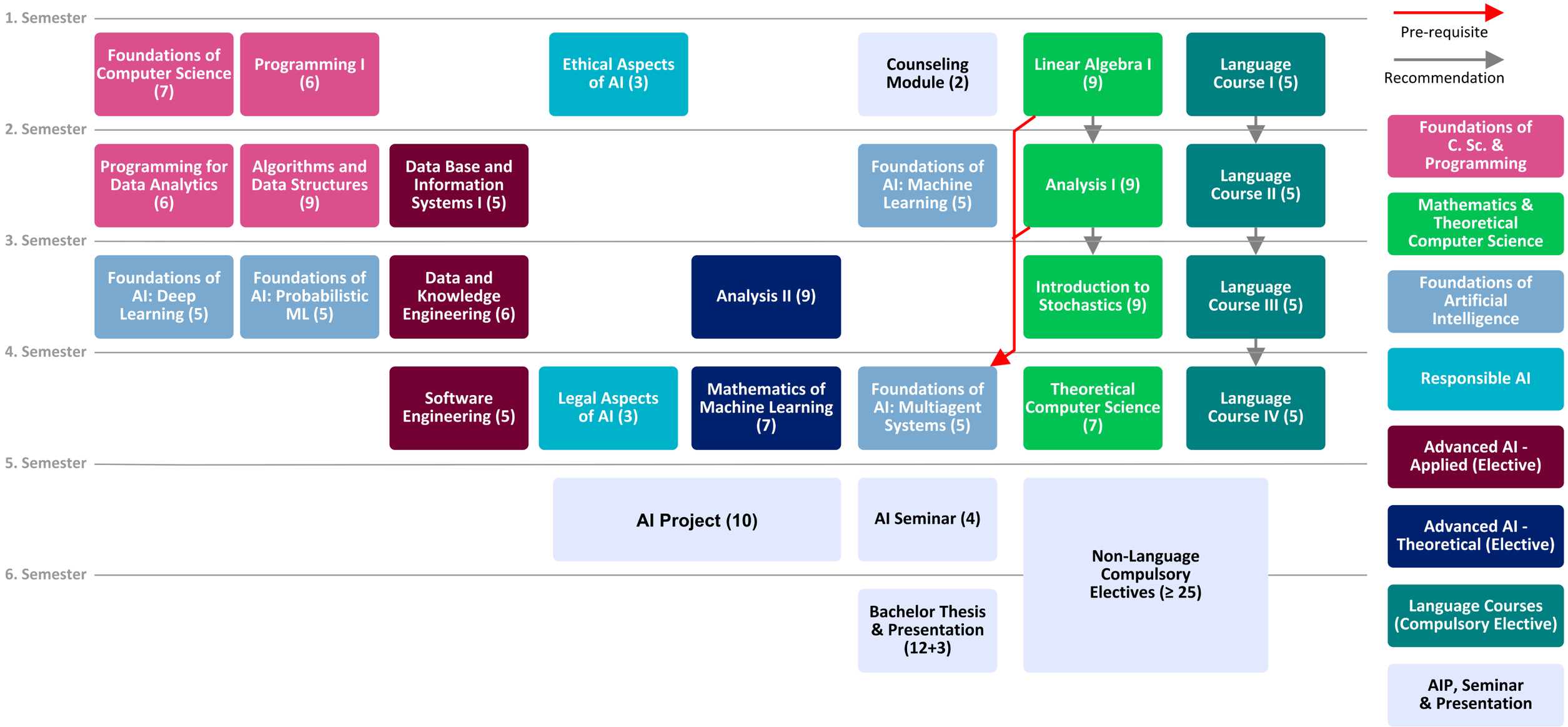
1. Semester
2. Semester
3. Semester
4. Semester
5. Semester
6. Semester
Foundations of Computer Science (7)
Programming I (6)
Ethical Aspects of AI (3)
Counseling Module (2)
Linear Algebra I (9)
Language Course I (5)
Programming for Data Analytics (6)
Algorithms and Data Structures (9)
Data Base and Information Systems I (5)
Foundations of AI: Machine Learning (5)
Analysis I (9)
Language Course II (5)
Foundations of AI: Deep Learning (5)
Foundations of AI: Probabilistic ML (5)
Data and Knowledge Engineering (6)
Analysis II (9)
Introduction to Stochastics (9)
Language Course III (5)
Software Engineering (5)
Legal Aspects of AI (3)
Mathematics of Machine Learning (7)
Foundations of AI: Multiagent Systems (5)
Theoretical Computer Science (7)
Language Course IV (5)
AI Project (10)
AI Seminar (4)
Non-Language Compulsory Electives (≥ 25)
Bachelor Thesis & Presentation (12+3)
Pre-requisite
Recommendation
Foundations of C. Sc. & Programming
Mathematics & Theoretical Computer Science
Foundations of Artificial Intelligence
Responsible AI
Advanced AI - Applied (Elective)
Advanced AI - Theoretical (Elective)
Language Courses (Compulsory Elective)
AIP, Seminar & Presentation