### Stage 1: Minimum requirements

**Academic Qualification:**
- Minimum of 50 ECTS in the following Foundations of Computer Science (Equivalence check for the respective modules of the B.Sc. Computer Science at the Ruhr University Bochum):
  - Computer Science 1, 12 ECTS
  - Computer Science 2, 8 ECTS
  - Computer Science 3, 8 ECTS
  - Software Engineering, 5 ECTS
  - Computer Engineering 1, 5 ECTS
  - Computer Networks, 5 ECTS
  - Operating Systems, 5 ECTS
  - Database Systems, 7 ECTS
  - Computer Engineering 2, 5 ECTS
  Minimum of 18 ECTS in Foundations of Mathematics

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### Stage 2: Max. 61 Points in Stage 2

**Criteria:**
- **Academic Qualification:** max. 50 Points
  - Foundations of Computer Science (see above), min. 50 ECTS (max. 30 Points)
  - Foundations of Mathematics, min. 18 ECTS (max. 10 Points)
  - Further relevant content covered, min. 10 ECTS (max. 10 Points)
    - Logic, Artificial Intelligence, Cryptography, System Security
  - **Grade / GPA:** max. 11 Points

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### Stage 3: Max. 110 Points in Stage 3

**Criteria:**
- **Academic Qualification:** max. 50 Points
- **Grade / GPA:** max. 11 Points
- **Academic work sample:** max. 18 Points
- **Letter of motivation:** max. 16 Points
- **Letter of recommendation:** max. 15 Points

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### Stage 4: Max. 110 Points in Stage 4

**Criteria:**
- **Academic Qualification:** max. 50 Points
- **Grade / GPA:** max. 11 Points
- **Exam interview (online):** max. 49 Points

**≥ 96 Points**
- **Admission**