## WAREM Studienverlaufsplan

### 1st Semester
- Environmental Fluid Mechanics I
  - 6 ECTS
- Sanitary Engineering
  - 6 ECTS
- Seminar: Requirements of Professional Life in Engineering and Practice
  - 3 ECTS

### 2nd Semester
- Hydraulic Structures
  - 6 ECTS
- Data, Statistics and Optimization
  - 6 ECTS
- Water and Power Supply
  - 6 ECTS
- Integrated River Management and Engineering
  - 6 ECTS
- Water Quality and Treatment
  - 6 ECTS

### 3rd Semester
- Environmental Fluid Mechanics II
  - 6 ECTS
- Integrated Watershed Modelling
  - 6 ECTS
- Urban Drainage and Design of Waste Water Treatment Plants
  - 6 ECTS

### 4th Semester
- Stochastical Modelling and Geostatistics
  - 6 ECTS
- Elective Module(s)
  - 6 ECTS
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  - 6 ECTS
- German Course
  - 3 ECTS
- German Course
  - 3 ECTS
- Key Qualification
  - 3 ECTS

### To be achieved:
- Master's Thesis: 30 ECTS
- Elective Modules: 33 ECTS
  - *Only ONE Short Course possible*
- Mandatory Modules: 21 ECTS
  - EITHER
    - 6 ECTS German Course OR
    - 3 ECTS German Course and
    - 3 ECTS Key Qualification OR
    - 6 ECTS Key Qualification

### Groundwater Resources Management and Geohydrology
- Sanitary Engineering
- Hydraulic Engineering and River Basin Management

*updated 23.7. 2017*