In the "Water Science Project", students have the opportunity to carry out a research-oriented project on a specific topic from the field of water science.

Objectives: Deepening and applying the acquired theoretical knowledge in a practical context. Development of research questions and methods to investigate a specific water science topic. Presentation and discussion of research results in a scientific format.

Contents: Under the guidance of a lecturer, students deepen their knowledge, conduct independent investigations and apply scientific methods. They are guided to design and carry out a research-oriented project on a specific topic in the field of water sciences. After completing their research, the students present their results in a colloquium. They will also be trained in the art of presentation writing and technique as part of the module in order to communicate their research findings convincingly and clearly.

Example topics (not exhaustive):
- Water analysis
- Water treatment
- Process simulation
- Water management
- Critical literature study on a specific topic

In addition, students may undertake a project on other relevant topics in water science, depending on their interests and in consultation with the supervising lecturer.
This module aims to provide students with a solid foundation for scientific work. It can serve as preparation for the Master's thesis in a university or research-oriented context.

Notes on course choice: Students can choose between the "Industrial Internship in Water Technology" and the "Water Science Project" depending on their interest and career goal. Both modules are designed to optimally prepare students for their Master's thesis. The industrial internship focuses on practical applications in industry, while the "Water Science Project" offers a deeper introduction to scientific research methods. The choice should therefore be made in coordination with the individual career goals and the desired focus of the Master's thesis.