



SRH University Heidelberg

Water Technology Master of Engineering



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Your motivation

Do you want to be an advocate for the responsible management of water resources?

The sustainable use of water is vital for the sustenance of flora and fauna in ecosystems as well as for all industrial activities.

Your prospects

Your ticket to the globalised job market.

Sustainable water use – a goal for your future career: after completing the Master's programme, you will be able to take on senior engineering and management tasks in the global field of water technology. With core subjects in water quality, water treatment, water reuse, and water power generation, we will prepare you for your tasks as an engineer in a global workplace. In addition to gaining professional expertise in the field of water technology, you will have the opportunity to improve your language skills and gain intercultural competence. We will also equip you with the skills required to shoulder management tasks.

These are some of the places where you can pursue your career goals:

- National and international water companies
- Medium-sized and global water management companies
- Research institutions

- Successful completion of the Master's programme will also qualify you to start a doctorate

Course content and skills

We will teach you the key aspects of water technology.

Fresh water generation, domestic and industrial wastewater treatment, and water as a zero-emission energy source are some of the key aspects of water technologies. In addition to focusing on technologies that are established in water-rich countries, we also tackle issues such as desalination, hygiene solutions for developing countries, and water conflict prevention.

This degree programme offers you a great deal of flexibility:

- You can choose the Master's programme with an integrated internship after the first year of study (4 semesters in total, 120 CP).
- The internship module allows you to work in a company for six months and gain industrial experience.
- If you hold a degree in a non-engineering subject, you can start this Master's programme after passing a preliminary engineering course lasting one semester.
- You can work up to 20 hours a week while studying.
- Complete a project abroad, work together with a company, establish important contacts: all this is possible in the last two modules before you start your thesis.

Did you know that our preliminary engineering course gives graduates with a non-engineering Bachelor's or Diplom degree the opportunity to enrol on our Master's programme.

Follow us on

Instagram: hshd_water_technology

YouTube: Democratia-Aqua

Apply now!

Scan the
QR code



At a glance

Degree

Master of Engineering (M.Eng.)

Credit points

90 ECTS / 120 ECTS (with preliminary course/internship)

Start of academic programme

Summer and winter semester

Duration of study

3 semesters / 4 semesters (with preliminary course/internship)

Tuition fees

EEA students:

- € 770 per month
 - One-time enrolment fee of € 750
- Non-EEA students (without permanent residence permit):
- € 6,450 per semester
 - One-time enrolment fee of € 1,000

State-accredited university

Accredited by ZEvA; state-accredited

Admission requirements

- An undergraduate degree (Bachelor's or Diplom degree; final grade 2.5 or better) in engineering
- Aspects such as professional experience and previous vocational training are also taken into account
- English language proficiency: IELTS 6.5 / TOEFL 80 / Duolingo Certificate 120 / PTE Academics 58 or a comparable test
- Successful completion of the university's own application process

Your study programme.

The curriculum enables you to understand the aspects of global water technology, developing your skills in identifying sustainable approaches to solving environmental issues with the help of simulations associated with water-related topics.

Semester

01	Water Quality	Water Treatment I	Water Treatment II	Water Treatment III
	Examination & Credits	SP 8 ECTS	StA 8 ECTS	RPr & Ex 8 ECTS
02	Waste Management	Water as Energy and Waste to Energy	Water Project – Climate Change Mitigation	♥ Electives
	Examination & Credits	StA 8 ECTS	PA & Kls 8 ECTS	WP 10 ECTS
03	Master's Thesis and Colloquium	Optional: Internship		
	Examination & Credits	Th & Ko 26 ECTS	PB 30 ECTS	
04	Master's Thesis and Colloquium			
	Examination & Credits	Th & Ko 26 ECTS		

The university reserves the right to make changes.

Explanation

SP: Station Test

StA: Student Research Project

RPr: Research/Presentation

Ex: Exposé

FA: Case Studies

LT: Learning Diary

PA: Project Work

Kls: Written Exam

WP: Scientific Poster Presentation

DIV: Various Types of Exams

Th: Thesis

Ko: Colloquium

PB: Internship Report

♥ Electives: In this module, you choose from various courses to sharpen your profile.

Electives

Sharpen your profile.

Electives

Module	ECTS
Elective	6

The M08 elective module is offered with specialised courses that are not covered in the previous modules.

Our students have the opportunity to select one of the offered electives based on their interest.

The particular catalogue of electives is based on the requests of students or corresponds to topics that are in demand on the job market. Subjects such as Entrepreneurship, Supply Chain and Operations, Operations Management, Plasma Technology, Introduction to Artificial Intelligence for Engineering Students, and Impacts of Water Pollution on Public Health, Ecosystems and Ecosystem Services have all been electives in previous semesters.