

TECHNIK . WIRTSCHAFT . SOZIALWESEN

Master full-time / English

Master of Science (M. Sc.)

MECHATRONICS



HOCHSCHULE
RAVENSBERG-WEINGARTEN
UNIVERSITY
OF APPLIED SCIENCES



AT A GLANCE



Final Degree
Master of Science
(M. Sc.)



Period of Study
3 Semester



Closing Date
April 15th
(Winter Term)



Start
Winter Term

Admission Requirements

Bachelor degree in mechanical or electrical engineering, computer science or similar subject.
Proven English language skills (TOEFL/IELTS)

ECTS

The Course of Study includes
90 Credits

Dean of Studies

Prof. Dr. Raphael Ruf
raphael.ruf@rwu.de

Online-Application

www.rwu.de

KNOWLEDGE & PRACTICAL SKILLS

The importance of mechatronics

Wind turbines, airbags, quadcopters or industrial robots - these products are good examples of the convergence of the three disciplines computer science, electrical engineering and mechanical engineering - mechatronics.

The development of mechatronic systems, however, is more than the mere assembly of subsystems or components from these areas; in fact, mechatronics means the fusion of the three disciplines from the very beginning of the development process. Interdisciplinary networked thinking and acting enables the creation of innovative products that meet the requirements of the modern industrial and information society.



JOBS & PERSPECTIVES

The Lake Constance and Upper Swabia region is home to numerous innovative companies with a high demand for qualified employees. There are global players such as ZF, Airbus Group and MTU in the immediate vicinity of RWU.

»Mechatronics« graduates are in high demand in the professional world. The comprehensive knowledge that combines the classic individual disciplines of mechanical engineering, electrical engineering and information technology is needed wherever complex technical systems have to be developed.

Due to the breadth of this future-oriented training, there are excellent job market opportunities in a wide variety of sectors such as energy technology, electromobility, automation technology and robotics. Furthermore, the Master's degree enables you to pursue a career in research and science and entitles you to take up a PhD.



STUDIES AT RWU

The studies at the Ravensburg-Weingarten University of Applied Sciences are characterised by practical training and modern, well-equipped laboratories. Students study in small groups, individually supervised by a team of highly qualified professors and assistants. Nearby dormitories and many leisure activities in the attractive landscape of Upper Swabia, close to Lake Constance and the Alps offer excellent boundary conditions and the best conditions for fun and success in study and work.



Hochschule Ravensburg-Weingarten

Studierenden-Service
+49 751 501-9344



Postfach / P.O. Box 3022
88216 Weingarten
Germany



Doggenriedstraße
88250 Weingarten
Germany



www.rwu.de
info@rwu.de
Facebook: [rw.university](https://www.facebook.com/rw.university)
Instagram: [rw.university](https://www.instagram.com/rw.university)

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