

German Engineering College (Compact & Co-Study)

Asesoría en la selección de cursos clave para tu futura maestría

Recomendamos una combinación específica de cursos preparatorios para tu maestría deseada en RWTH International Academy. Elige 5 materias de nuestro portafolio, por favor. Distinguimos entre tres —> **Academic Packages.**

1. Ingeniería Mecánica



CAME – M.Sc. Computer Aided Conception and Production in Mechanical Engineering (Ingeniería Digital)

Cursos obligatorios:

- Thermodynamics I (4 ECTS)
- Mathematics III (7 ECTS)
- Mechanics III (8 ECTS)
- Machine Design II (5,5 ECTS)

Un curso adicional:

- Mechanics II (7 ECTS)
- Fundamental Mechanism Theory and Machine Dynamics for Robotics (6 ECTS)
- Fundamentals of Control Systems (4 ECTS)



MME CAME – M.Sc. Management and Engineering in Computer Aided Mechanical Engineering

Cursos obligatorios:

- Thermodynamics I (4 ECTS)
- Mathematics III (7 ECTS)
- Mechanics III (8 ECTS)
- Machine Design II (5,5 ECTS)
- Fundamentals of Control Systems (4 ECTS)



RoboSys – M.Sc. Robotic Systems Engineering

Cursos obligatorios:

- Thermodynamics I (4 ECTS)
- Mathematics III (7 ECTS)
- Mechanics III (8 ECTS)
- Machine Design II (5,5 ECTS)
- Fundamental Mechanism Theory and Machine Dynamics for Robotics (6 ECTS)



Textile – M.Sc. Textile Engineering (Materiales Compuestos)

Cursos obligatorios:

- Thermodynamics I (4 ECTS)
- Mathematics III (7 ECTS)
- Mechanics III (8 ECTS)
- Machine Design II (5,5 ECTS)

Un curso adicional:

- Mechanics II (7 ECTS)
- Fundamental Mechanism Theory and Machine Dynamic for Robotics (6 ECTS)
- Fundamentals of Control Systems (4 ECTS)



SPE – M.Sc. Smart Production Engineering

Cursos obligatorios:

- Thermodynamics I (4 ECTS)
- Mathematics III (7 ECTS)
- Mechanics III (8 ECTS)
- Machine Design II (5,5 ECTS)

Un curso adicional:

- Mechanics II (7 ECTS)
- Fundamental Mechanism Theory and Machine Dynamics for Robotics (6 ECTS)
- Fundamentals of Control Systems (4 ECTS)



MME PS - M.Sc. Management and Engineering in Production Systems

Cursos obligatorios:

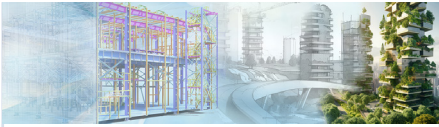
- Thermodynamics I (4 ECTS)
- Mathematics III (7 ECTS)
- Mechanics III (8 ECTS)
- Machine Design II (5,5 ECTS)

Un curso adicional:

- Mechanics II (7 ECTS)
- Fundamental Mechanism Theory and Machine Dynamics for Robotics (6 ECTS)
- Fundamentals of Control Systems (4 ECTS)



2. Ingeniería Civil



RCE – M.Sc. Resilient Civil Engineering

Con tu formación en Ingeniería Civil, aprovecha estos cinco cursos para potenciar al máximo tus oportunidades de admisión a la maestría.

- Mathematics III (7 ECTS)
- Mechanics II (7 ECTS)
- Fundamentals of Structural Analysis (6 ECTS)
- Structural Safety and General Design Concepts (6 ECTS)
- Introduction to Building Information Modelling (4 ECTS)

3. Ingeniería de Baterías



BSE - M.Sc. Battery Systems Engineering

Con tu formación en áreas STEM, selecciona cinco cursos de nuestro portafolio (un total de 15-20 ECTS).

Curso obligatorio:

- Thermodynamics I (4 ECTS)

Cuatro de estos cursos:

- Applied Mathematics for Engineers and Data Scientists (2 ECTS)
- Fundamentals of Chemistry (5 ECTS)
- Fundamentals of Electrical Engineering (2 ECTS)
- Fundamentals of Information Technology (2 ECTS)
- Mechanics I (7 ECTS)

Contacto:



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