Master Introduction Session
Faculty for Civil Engineering at the RWTH Aachen University
Student Council of Civil Engineering
The University

Civil Engineering Building     Main Building     University Sports     Pontstraße     Main Cafeteria
Our faculty

Overview

23 professors

250 academic staff
150 non-academic staff

about 4000 students
Our faculty

Politics of our faculty

Professors

academic and non-academic staff

Students

3rd faculty

faculty council

Dean of academic affairs
Prof. Sven Klinkel

Dean
Prof. Markus Oeser

Vice Dean
Prof. Josef Hegger

Student body

Elects!

Student council
The student council

Who are we?

student body of the faculty of civil engineering
Fachschaft

- Student experience exchange
  - Facebook group for all civil engineering students
- First contact partner for problems with studies
  - Informal counseling
- Student connection activities
- Student engagement in university processes
Who should be sitting here?

People who are starting to study the following:

• Civil Engineering M.Sc.
  – Advanced Computational Methods in Civil Engineering (EN)
  – Constructive Engineering
  – etc.

• Transport Engineering and Mobility M.Sc.
  – Railway System Engineering (EN)
  – Airport and aeronautics
  – etc.

• Sustainable Management – Water and Energy M.Sc. (EN)
• Environmental Engineering M.Sc.
  – different specializations
• Business Administration and Engineering M.Sc.
  – different specializations
Contents

- Introduction to the RWTH Aachen University
- Important things to know about studying here
  - First Steps
  - Figuring out the Curriculum
  - The Grading System
  - Master Thesis
  - Internship
  - Studying Abroad
- Where to find help in our Faculty
  - Student Council
  - International Exchange Office
  - Mentoring
  - Academic Advising Services
Important things to know about studying here
Contents

- First Steps
- Figuring out the Curriculum
- Course and Exam Registration
- The Grading System
- Master Thesis
- Internship
- Studying Abroad
Internet Services

RWTHonline

RWTHmoodle

Neuigkeiten

Erweiterung für interaktive Inhalte (H5P)

Dienstag, 24. September 2019, 14:04

Die Moodle- Aktivität "Interaktive Inhalte (H5P)" erlaubt Lernenden, auf einfache Weise und ohne spezielle Kenntnisse ansprechende HTML5-Inhalte zu erstellen. So lassen sich beispielsweise Videos mit Interaktionen wie Texteinstellungen oder Quizfragen erweitern. Mit dem Update vom 11. September 2019 wurde das Set der auswählbaren Inhaltstypen erweitert. Es stehen jetzt auch die Formate "Dialog cards", "Dictation", "Fill in the blanks", "Find the words", "Flashcards" und "Advanced fill the blanks" zur Auswahl. Mehr Infos und Beispiele zu den verschiedenen Inhaltstypen finden Sie auf der H5P-Homepage. Bei Rückfragen wenden Sie sich bitte an den RWTHmoodle-Support: support.service@itc.rwth-aachen.de

Neue Aktivität "Gerichtete Verteilung"

Dienstag, 24. September 2019, 14:07


Leichtere Erstellung von Lückentextfragen in E-Tests

Dienstag, 24. September 2019, 14:16

Das Aufgabenformat "Lückentext" in den E-Tests in Moodle wird häufig genutzt, ist aber für Lehrende aufwändig und schwierig zu erstellen. Der Grund hierfür ist die komplizierte Syntax, mit der die Lücken definiert werden müssen. Ein neuer Button im
Contents

• First Steps
• **Figuring out the Curriculum**
• The Grading System
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Figuring Out the Curriculum

Where do I find the curriculum?

• Pick up a printed copy up front or in the student council any time!
• On the website for the Faculty of Civil Engineering
  – Academics
    ▪ Courses of Study
      - Master’s Degree Programs
        • Pick your course of study and then click on „Curriculum“
          • This will take you to a link in German (Prüfungsordnung) and at the very end of the document will be the curriculum
Figuring Out the Curriculum

How do I read the curriculum?

• Shell system
  – Shell 1
    ▪ Most important subjects in your area of studies
    ▪ Mostly every course in this shell needs to be taken (min. number of credits from this shell)
  – Shell 2
    ▪ Extremely relevant subjects in your area of studies
    ▪ Quite a few courses in this shell should be taken (min. number of credits from this shell)
  – Shell 3
    ▪ Supplementary subjects to your area of studies
    ▪ A few courses can be taken from this shell (max. number of credits from this shell)

Shells are separated in the curriculum with a thick black line
Maximum/Minimum number of credits from a shell are written above
Figuring Out the Curriculum

How do I read the curriculum? cont.

SWS – Semesterwochenstunden
The number of hours you have lectures/exercises/tutorials every week (1 university hour = 45 minutes)

CP – Credit Points
The number of credits you get for the course.
*You should do about 30 CP every semester, and require 120 to graduate*

The curriculum tells you which courses you should take in which semester, but you’re not required to follow the recommended order.

Some courses are only offered in the summer or winter term.
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The Grading System

• Weighted average of each module grade
  – Finale Grade = \( \frac{\sum \text{grade} \times CP}{\text{number of CPs total (120)}} \)

• Grading system 1.0-5.0
  – Following grading steps: X.0, X.3, X.7
  – 1 – very good
  – 2 – good
  – 3 – satisfactory
  – 4 – sufficient
  – 5 – failed

• With a final grade of 1.3 and a master thesis grade of 1.0 you get a „Mit Auszeichnung bestanden“
• Grades can be viewed in RWTHonline
• Contact the Central Examination Office (ZPA) if there are any problems
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Master thesis

• Finding a topic and advisor should be done independently
• Each institute handles master theses differently – contact them directly

• There are specific requirements to register your master thesis
  – Talk to the student counseling services in our faculty to figure out when you can start your thesis
  – The requirements are different for every area of studies
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Internships

- Internships are not part of most curriculums
- Take a semester off to do a longer internship (Leave of Absence)
- Consult with Mentoring or the International Exchange Office if you're thinking about doing an internship
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• **Studying Abroad**
Studying Abroad

- Planning Resources
  - International Office
  - International Exchange Office of the Faculty of Civil Engineering
    - Nathaly Bejarano Serrano
    - Room 106.1
      - Erasmus+ exchange
      - Worldwide exchange
      - Scholarships
      - Academic recognition of credits earned abroad.
Where to find help in our Faculty

- Academic Advising
- Mentoring
- Internship Office
- International Exchange Office
- Student Council
Academic Advising

- Organizational structure of your studies explained
- Information about the examination regulations
- Examination board application preparation assistance
- Varied advising hours
  → studienberatung@fb3.rwth-aachen.de

Subject-specific academic advising (only by appointment)

Civil Engineering (including AdCoM) – bau@fb3.rwth-aachen.de
Transport Engineering (including Railway System Engineering) – move@fb3.rwth-aachen.de
Sustainable Management – Water and Energy – sumwe@fb3.rwth-aachen.de
Environmental Engineering – uiw@fb3.rwth-aachen.de
Administration and Engineering FR Bau – wirting@fb3.rwth-aachen.de
Mentoring

- Personal and confidential assistance with study-related and personal issues
- Practical tips to help you reach your academic goals (exam planning)
- Individual furtherance of your potential, interdisciplinary skills, and self-management
- Orientation and decision-making assistance for every phase of your studies as well as transitional periods such as that into professional life

Internship Office

- Information and advising for recognition of internships
- Information and advising about applications and acceptance of documents (i.e. recognition of examination results, course semester placement, elective course registration, compensation for disadvantages, etc.)
International Exchange Office

- Organizing and financing your study abroad and international internships
- Information about international experiences at home
- Information about the possibilities for course recognition after temporary stays abroad

Nathaly Bejarano Serrano
Any further questions?