

University of Stuttgart
Germany



M.Sc. WASTE

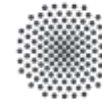
**Welcome
Generation 2021!
M.Sc. WASTE**
18.10.2020

**Dr.-Ing.
Carolina Acuña
M.Sc.
Grecia Solis**



M.Sc. WASTE Office

M.Sc. WASTE Office Team



University of Stuttgart
Germany

Dean of Studies



Prof. Dr.
Andreas
Kronenburg

Course Director



Dr. -Ing. Carolina
Acuña Caro

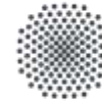
Course Manager



Grecia Solís
Castillo, M.Sc.



M.Sc. WASTE



M.Sc. WASTE Office (room o.02)

Announcements via E-mail

Organization of events

E-mail: info@waste.uni-stuttgart.de

M.Sc. WASTE Course Director (room o.03)

Dr. -Ing. Carolina Acuña Caro

Office hours: upon appointment

Phone: +49 (0) 711 685 68947

E-mail: cd-waste@ifk.uni-stuttgart.de

M.Sc. WASTE Course Management (room o.04)

Grecia Solís Castillo, M.Sc.

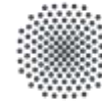
Office hours: upon appointment

Phone: +49 (0) 711 685 68936

E-mail: cd-waste@ifk.uni-stuttgart.de

M.Sc. WASTE Committees

M.Sc. WASTE Team



University of Stuttgart
Germany



Examination Committee (Prüfungsausschuss)

Chairman: Prof. Dr.-Ing. Eckart Laurien

Admissions Committee (Zulassungsausschuss)

Chairman: Prof. Dr.-Ing. Eckart Laurien



Study Committee (Studienkommission)

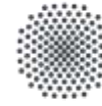
Chairman: Prof. Dr.-Ing. Andreas Kronenburg



M.Sc. WASTE

M.Sc. WASTE Office and partners

International Center (IZ)



University of Stuttgart
Germany

Social Affairs

They provide you:

- ✓ Assistance with legal and social procedures
- ✓ Accommodation
- ✓ Scholarships

<https://www.uni-stuttgart.de/en/university/international/service/>



Ms. Svenja Wübker

International Master Students
+ Double Degree Students

Online consultation hours:
upon appointment

wuebker@ia.uni-stuttgart.de

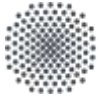


Ms. Katja Jenkner

International Master Students
+ DAAD Scholars

Online consultation hours:
upon appointment

incoming.daad@ia.uni-stuttgart.de



Support for managing many issues and when facing problems



Overview: www.student.uni-stuttgart.de/beratung/

Examples:

- **Student Counseling Center**
Organizing the study program, reorientation, change of study program, improving study skills, contact point for all unclear issues.
We can also direct you to the relevant institution.
www.uni-stuttgart.de/zsb in Vaihingen: House of Students
- **Students with a disability or chronic illness**
Advice and support to students with disabilities or chronic illnesses concerning all questions ranging from accessibility to organization of the course of studies. Commissioners: Ms Eicken und Ms von Wolff
www.uni-stuttgart.de/studium/beratung/behinderung/
in Vaihingen: House of Students
- **Studying and family**
We are a family-friendly university and support you!
Service Uni & Family, Ms. Alvermann
www.uni-stuttgart.de/studium/beratung/studieren-mit-familie/

Studying during pandemic

Homepage University of Stuttgart → Current regulations



University of Stuttgart



🏠 University » Current news » Coronavirus



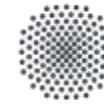
October 15, 2021

Newsticker: Information on the coronavirus

The university management informs employees, students and applicants/prospective students continuously about current developments regarding the coronavirus. Information on examinations, studies, digital teaching, enrolment, work organisation and childcare.

The M.Sc. WASTE: An Overview

Introduction



University of Stuttgart
Germany



Background:

- Chemical
- Civil
- Process
- Mechanical

Theoretical background to engineer creative solutions for environmental challenges

State-of-the-art environmental and process technologies

Individual profile in the environmental sector

Practical experience excursions to companies and industrial and/or municipal facilities



Landfill in Bangladesh



Surfing Wave in Java, Indonesia



Smog in Beijing





Reuters



populationspeakout.org

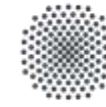


populationspeakout.org



greenatom.net

The M.Sc. WASTE: Our Alumni



University of Stuttgart
Germany



German industry



The M.Sc. WASTE: Our Alumni



German small and medium sized companies



Wasser- und Abwassertechnik



EISENMANN

LEADING IN PRODUCTION EFFICIENCY



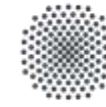
Die Experten für abwasserfreie Produktion



Universities and Research Institutes



The M.Sc. WASTE: Our Alumni



University of Stuttgart
Germany



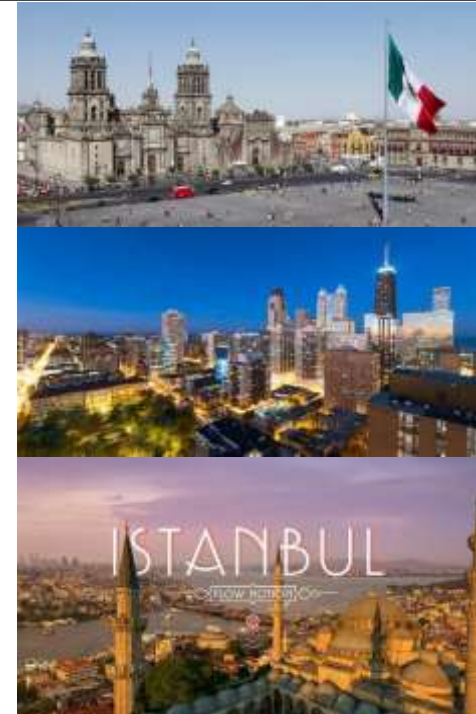
Companies at their home countries



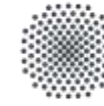
LEADING IN PRODUCTION EFFICIENCY



energy people



The M.Sc. WASTE: Historical highlights



University of Stuttgart
Germany

INTERDISCIPLINAR

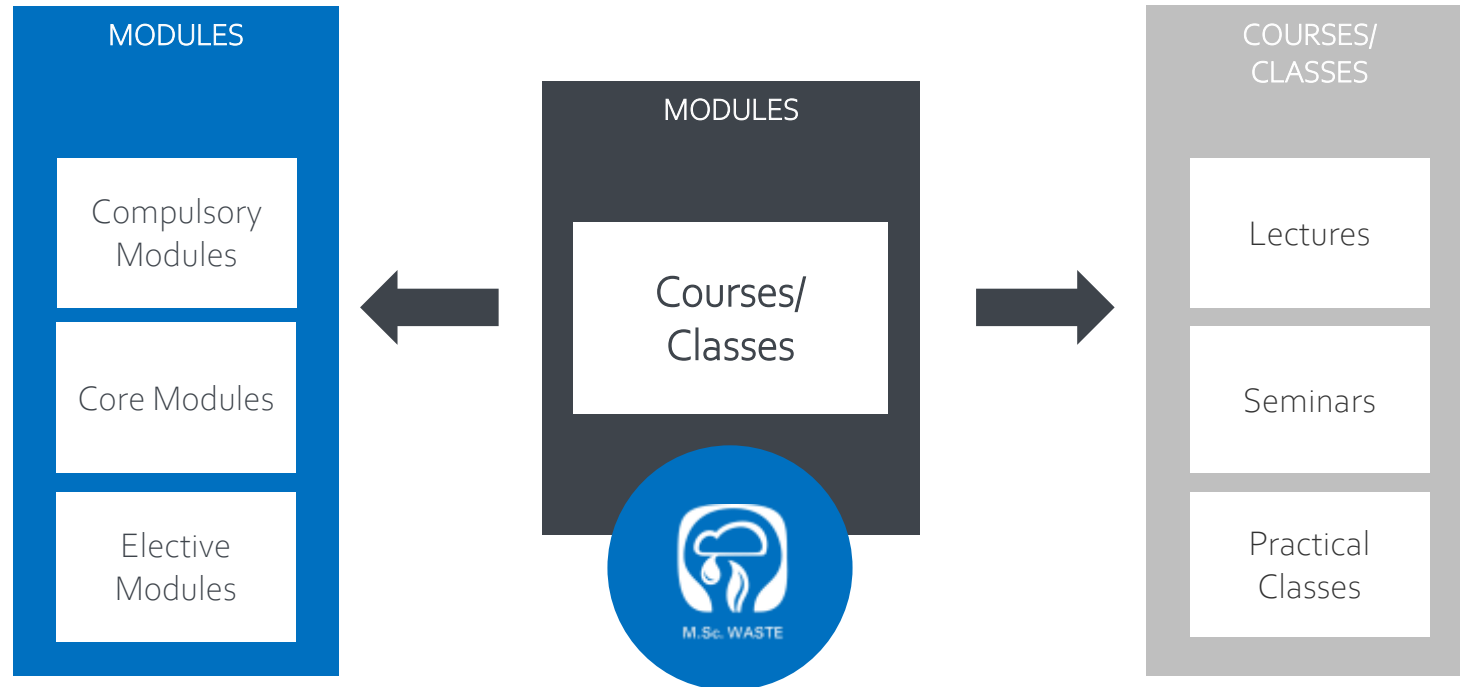
INDIVIDUAL

INTERCULTURAL

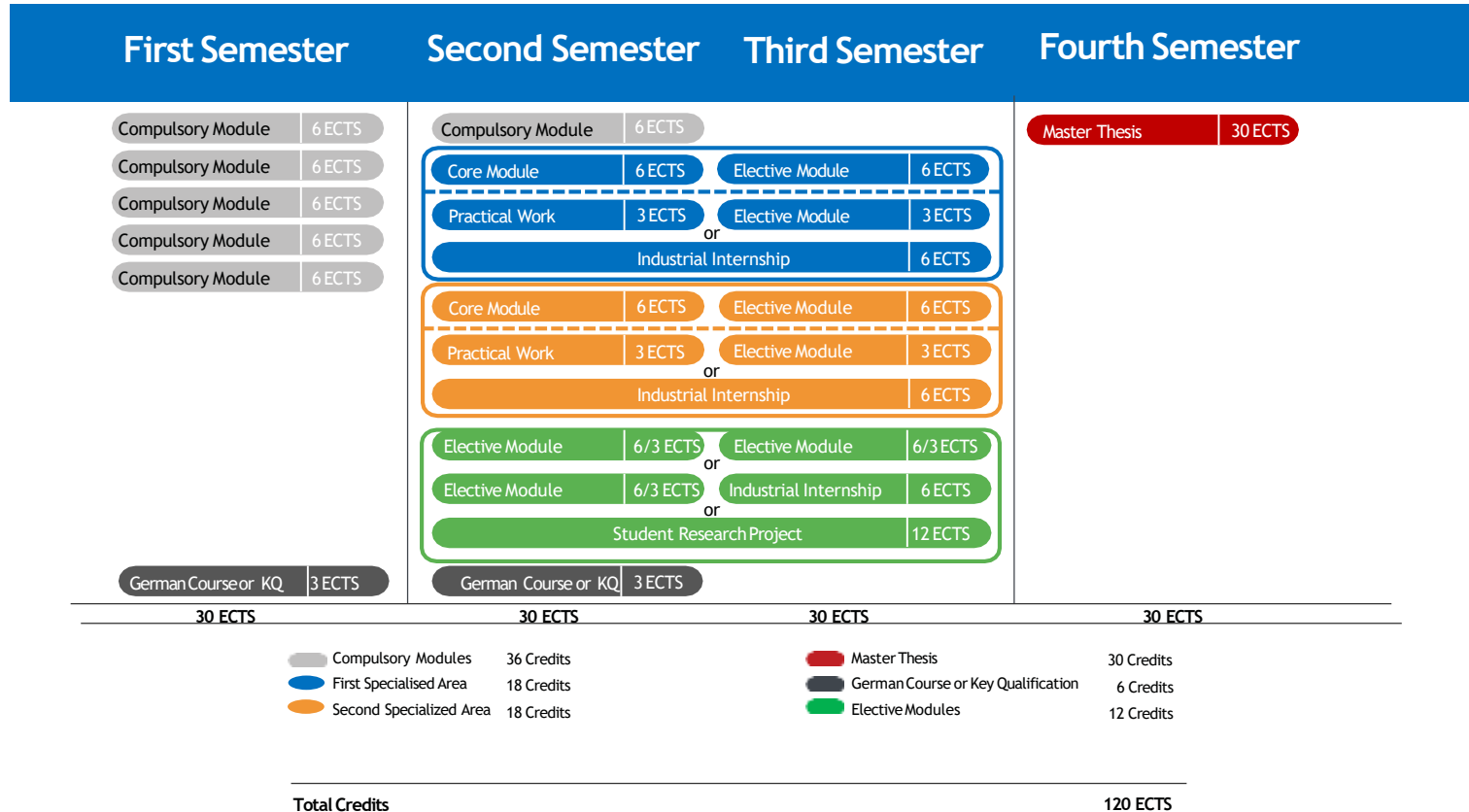
- Established in 2002 as a 3 semester program
- Changed in 2008 to 4 semesters
- Start in September – incl. German course
- Start in October – excl. German course
- Bologna Process: M.Sc. WASTE based on a modular system
- **Degree: Master of Science**



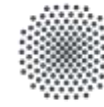
The M.Sc. WASTE: Modules definition



The M.Sc. WASTE: Macrostructure



The M.Sc. WASTE: Macrostructure



University of Stuttgart
Germany



M.Sc. WASTE

Advanced modules (36 credits)

- Consolidation via 6 compulsory modules

2 Specialized Areas (each 18 credits)

- Air Quality Control
- Solid Waste
- Waste Water Process Engineering

Elective Modules (12 credits)

- Modules in English and German
- Student Research Project
- Industrial Internship

German Course and/or Key Qualifications (6 credits)

Master Thesis (30 credits)

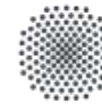


Compulsory Modules of the 1st and 2nd semester

- Thermo- and Fluid Dynamics (Kronenburg/Laurien)
- Pollutant Formation and Air Quality Control (Kronenburg/Vogt)
- Chemistry and Biology for Environmental Engineers (Engesser/Schönberger/Schwederski)
- Sanitary Engineering (Fischer/Schönberger)
- **Process Engineering (Eiden/Trautmann)**
- Technology Assessment and Presentation Techniques (Hufendiek)



The M.Sc. WASTE: Specialized Areas



University of Stuttgart
Germany

Air Quality Control (18 Credits)

Mandatory Core Module (6 Credits)

- Firing Systems and Flue Gas Cleaning (Scheffknecht)

Elective Modules (9 credits)

Practical Work (3 Credits)

- Practical Class Air Quality Control



The M.Sc. WASTE: Specialized Areas



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Solid Waste (18 Credits)

Mandatory Core Module (6 Credits)

- Mechanical, Biological and Thermal Waste Treatment (Fischer/Gehrmann)

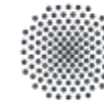
Elective Modules (9 credits)

Practical Work (3 Credits)

- Sanitary Engineering Part II: Solid



The M.Sc. WASTE: Specialized Areas



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Germany

Waste Water (18 Credits)

Mandatory Core Module (6 Credits)

- Urban Drainage and Design of Wastewater Treatment Plants (Schönberger/Dittmer)

Elective Modules (9 credits)

Practical Work (3 Credits)

- Sanitary Engineering Part I: Water





Welcome to the M.Sc. WASTE – Dr. Ingrid Carolina Acuña-Carso – Dr. Ingrid Solís-Castillo, M.Sc.



Welcome to the M.Sc. WASTE – Dr. Ing. Carolina Acuña Caro – Grecia Solis Castillo, M.Sc.





The M.Sc. WASTE: Basic Rules



- Each semester around 30 Credits (+/- 10%)
- Total: 120 Credits in 4 semesters
- Industrial internship optional, minimum duration 6 weeks



The M.Sc. WASTE: German language courses



Language Center University of Stuttgart

http://www.sz.uni-stuttgart.de/deutsch/daf_info.en.html

Private Language Schools

Institut für Auslandsbeziehungen (ifa)

<http://www.ifa.de/en.html>

Deutschkolleg im Ökumenischen Zentrum

<http://www.deutschkolleg-stuttgart.de/de/deutschkurs-programm.php>

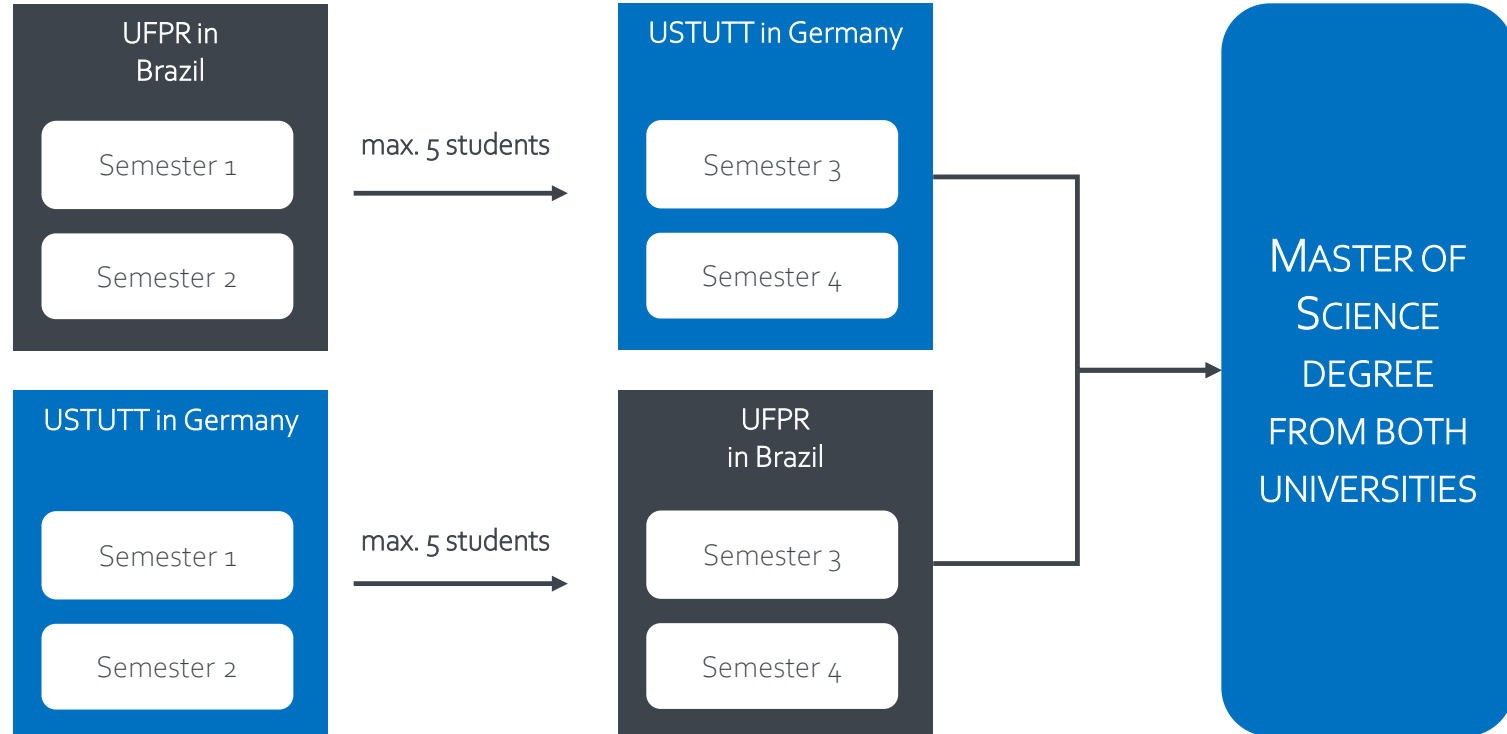
VHS Stuttgart

<http://www.vhs-stuttgart.de/>

Henke Schulungen

<http://www.henke-schulungen.de/de/uebersicht.html>

The M.Sc. WASTE: Double Degree



The M.Sc. WASTE: Examination Regulations



Examinations Office - University of Stuttgart

Haus der Studierenden

Pfaffenwaldring 5c // 3rd floor

Campus Vaihingen

Telephone calling hours:

Monday	9.00 a.m. – 12.00 p.m.
Tuesday	9.00 a.m. – 12.00 p.m.
Wednesday	1.30 p.m. – 03.30 p.m.
Thursday	9.00 a.m. – 12.00 p.m.
Friday	9.00 a.m. – 12.00 p.m.



Welcome to the M.Sc. WASTE

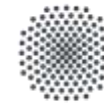
Air Quality Control, Solid Waste and Waste Water Process Engineering

We offer an extensive and unique range of graduate courses educating students to respond to the increasing environmental challenges in the fields of Air Quality Control, Solid Waste, and Waste Water Process Engineering.

[Photo: Jeramiah Backman Photography]

Organizing my studies

C@MPUS Platform



University of Stuttgart
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The screenshot shows the C@MPUS platform homepage. The header includes the University of Stuttgart logo and name, the C@MPUS logo, and language selection options for DE and EN. A search icon is also present. The main content area features a large background image of a university building and a path. The text on the page includes a welcome message, a description of the platform's purpose, and sections for Students and Employees, Applicants, and Without registering. A sidebar on the right contains a 'Log in' section with input fields for 'User name' and 'Password', and buttons for 'Log in' and 'Continue without login'. The footer contains copyright information and links to documentation, accessibility, privacy notice, and about this site.

University of Stuttgart
Germany

C@MPUS

DE EN

Log in

Q

Welcome to C@MPUS, the Campus Management Portal of the University of Stuttgart

which provides continuous IT Support to the administrative processes involved in academic affairs and teaching.

Students and Employees

log in using your University of Stuttgart user account (ex: ac123456, st987654).

Applicants

that do not already study or work at the University of Stuttgart will first need to register.
Former students who wish to reapply but no longer have an active user account should re-register and then follow the instructions provided in the confirmation email.

Without registering

you can access detailed information about the courses offered at the University of Stuttgart.

Further information

can be found in the documentation.

Log in

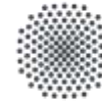
User name

Password

Log in

Continue without login

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STEP 1: Lecture Registration (C@MPUS)

- Access to lecture material
 - Calendar
 - Guarantee your spot (Practical works - Lab)
- Lectures Start: 18.10.2021**

STEP 2: Exam Registration (C@MPUS)

- **MUST DO!**
 - Allow you to take an exam
 - Allocate it in the right place of your curriculum
- 17.11. - 09.12.2021**

Schedule first semester WS 2021/22

Students attending online from their home countries

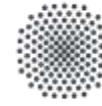
Time	Mon	Tue	Wed	Thu	Fri
08:00-9:30	Sanitary Engineering (Solid Waste Management) Dr. Fischer V47.03 Organisationskennung: 021220 Modul-Kennung: 19120 Modulkürzel: 021220012		Thermo and Fluid Dynamics (Thermodynamics of Mixtures (VI)) Prof. Kronenburg V 31.01 Organisationskennung: 041611 Modul-Kennung: 19200 Modulkürzel: 041600203	Chemistry and Biology for Environmental Engineers Dr. Schwederski/Dr. Hazari Dr. Kuch/Prof. Engesser V 7.11 Organisationskennung: 021230 Modul-Kennung: 19100 Modulkürzel: 021230502	
09:45-11:15	Sanitary Engineering (Waste Water Technology) Dr. Schönberger V38.04 Organisationskennung: 021220 Modul-Kennung: 19120 Modulkürzel: 021220012	Thermo and Fluid Dynamics (Thermodynamics of Mixtures (Ü)) Prof. Kronenburg V23.01 Organisationskennung: 041611 Modul-Kennung: 19200 Modulkürzel: 041600203		Pollutant formation and Air Quality Control (Chemistry and Physics of Combustion (V)) Prof. Kronenburg V31.01 Organisationskennung: 042510 Modul-Kennung: 19080 Modulkürzel: 04250027	Pollutant formation and Air Quality Control (Basics of Air Quality Control) Dr. Vogt V57.04 Organisationskennung: 042510 Modul-Kennung: 19080 Modulkürzel: 04250027
11:30-13:00	Thermo and Fluid Dynamics (Flow with Heat Transfer) Prof. Laurien V23.01 Organisationskennung: 041611 Modul-Kennung: 19200 Modulkürzel: 041600203			Thermo and Fluid Dynamics (Computational Fluid Dynamics) Prof. Laurien V 9.41 Organisationskennung: 041611 Modul-Kennung: 19200 Modulkürzel: 041600203	Pollutant formation and Air Quality Control (Chemistry and Physics of Combustion (Ü)) Tutorials Prof. Kronenburg V23.01 Organisationskennung: 042510 Modul-Kennung: 19080 Modulkürzel: 04250027
14:00-15:30	Chemistry and Biology for Environmental Engineers Dr. Schwederski/Dr. Hazari Dr. Kuch/Prof. Engesser V47.04 / V 6.02 (Engesser) Organisationskennung: 021230 Modul-Kennung: 19100 Modulkürzel: 021230502	Chemistry and Biology for Environmental Engineers Dr. Schwederski/Dr. Hazari/Prof. Engesser V 7.04 Organisationskennung: 021230 Modul-Kennung: 19100 Modulkürzel: 021230502		Academic communication skills Group 1 Hr. Nixon Live Online-Webex	
15:45-17:15	Chemistry and Biology for Environmental Engineers Dr. Kuch/Prof. Engesser V47.04 / V 6.02 (Engesser) Organisationskennung: 021230 Modul-Kennung: 19100 Modulkürzel: 021230502	Chemistry and Biology for Environmental Engineers Dr. Schwederski/Dr. Hazari/Prof. Engesser V 7.04 Organisationskennung: 021230 Modul-Kennung: 19100 Modulkürzel: 021230502		Academic communication skills Group 1 Hr. Nixon Live Online-Webex	

* Technology Assessment and Presentation Techniques will be offered ONLINE this WS 21/22.

- Do I have to register only the online classes if I am not in Stuttgart?
- Are there different times for lectures? (time zone)
- Registration in [C@MPUS](#), lectures on [ILIAS](#)?

Extracurricular Activities

Rooms at the IFK



University of Stuttgart
Germany



IFK Computer Pool (room o.78)

- Please do not eat and drink in the computer pool
- Please always close the window in case you are the last one to leave

M.Sc. WASTE Student Room (room o.51)

- Keep it neat and clean!

IFK Kitchen

- *Keep it neat and clean!*

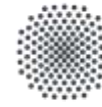


OUR HOUSE-ELVES
ARE CURRENTLY
ON STRIKE.

YOU WILL HAVE TO
CLEAN UP YOUR
OWN MESS UNTIL
FURTHER NOTICE.

Extracurricular Activities

Rooms at the IFK

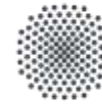


University of Stuttgart
Germany



Extracurricular Activities

WASTE Intercultural Meetings & Summer Party

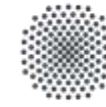


University of Stuttgart
Germany



Extracurricular Activities

WASTE Intercultural Meetings & Summer Party

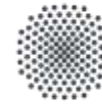


University of Stuttgart
Germany



Extracurricular Activities

WASTE Intercultural Meetings & Summer Party

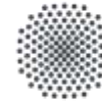


University of Stuttgart
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Extracurricular Activities

M.Sc. WASTE Soccer Team

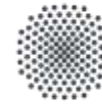


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Extracurricular Activities

M.Sc. WASTE Fundraising activities

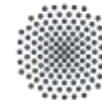


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Extracurricular Activities

Graduation Ceremony



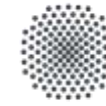
University of Stuttgart
Germany

Save the Date!
November 27th
2021



Extracurricular Activities

V - M.Sc. WASTE International Symposium



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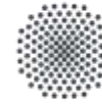
November
4th - 5th, 2021
via ZOOM

Online Registration:
www.wasteclub.net



Extracurricular Activities

WASTE Club Stuttgart e.V.



University of Stuttgart
Germany



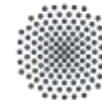
The WASTE Club is a Professional Network that supports the activities of the International M.Sc. “ Air Quality Control, Solid Waste and Waste Water Process Engineering” (WASTE)

- Support the M.Sc. WASTE during events and excursions.
- Consolidate a Professional Network with Alumni, Students, Lecturers, and Staff from the MSc. WASTE.
- Foster public relations among members.
- Promote Science, Research and Innovation.

Join us!

WASTE Club Stuttgart e.V.

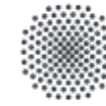
Our Alumni Network



University of Stuttgart
Germany



Extracurricular Activities Taskforce



University of Stuttgart
Germany

We need your commitment:

- Class Speaker
- Task force member
- Newsletter coordinator
- WIM coordinator
- Symposium Committee 2022

Ongoing project: Graduation Ceremony 2021

**Helpers do not pay entrance fee!

Fill in the corresponding list!



Juan Camilo
Lancheros Mayorga



Chidiebere Oguchukwu
Okekeozor

Class speakers
Generation 2019





University of Stuttgart
Germany

Thank you!



M.Sc. WASTE Office

e-mail cd-waste@ifk.uni-stuttgart.de
phone +49 (0) 711 685-68497/-68936
fax +49 (0) 711 685- 63491

Universität Stuttgart
Institut für Feuerungs- und Kraftwerkstechnik
Pfaffenwaldring 23