

University of Stuttgart
Germany



M.Sc. WASTE

Welcome Generation 2019! M.Sc. WASTE

18.19.2019

Carolina Acuña,
Nelson Rincón,
Grecia Solís



AGENDA – Official Welcoming Event



University of Stuttgart
Germany

- 14:00 – 14:30 Welcome presentations
- 14:30 – 15:30 Photo shoot: Website + poster
- 15:30 – 16:15 Presentation, Dean of Studies
- 16:45 – 13:30 IAHR, M.Sc. WASTE activities, experiences from current students
- 17:30 – 18:00 Election of class speakers, newsletter coordinators, WIM Team and Taskforce
- 18:00 International buffet and get together



AGENDA – Welcome Presentation



University of Stuttgart
Germany

1. The University of Stuttgart
2. M.Sc. WASTE Office and partners
3. M.Sc. WASTE: An overview
4. Planning my studies
5. Financing my studies
6. Extracurricular activities





1. **The University of Stuttgart**
2. M.Sc. WASTE Office and partners
3. M.Sc. WASTE: An overview
4. Planning my studies
5. Financing my studies
6. Extracurricular activities

- Brief history
- Campuses
- Faculties
- Research institutes
- M.Sc. Programs



The University of Stuttgart

Brief history

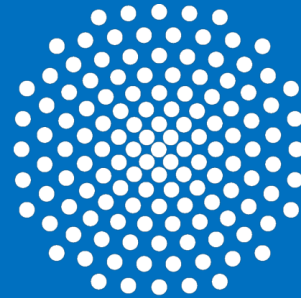


University of Stuttgart
Germany



1829:

Founding of the Institute
of Technology Stuttgart



1967:

University of Stuttgart



Gottlieb Daimler

79th in the world in the field of Engineering & Technology (2017)
QS World University Rankings

The University of Stuttgart

Campuses



University of Stuttgart
Germany

Campus Vaihingen
Engineering Programs



The University of Stuttgart

Campuses



University of Stuttgart
Germany

Campus Mitte
Humanities





1. Faculty of Architecture and Urban Planning
2. **Faculty of Civil- and Environmental Engineering**
3. Faculty of Chemistry
4. **Faculty of Energy-, Process- and Bio-Engineering**
5. Faculty of Computer Science, Electrical Engineering and Information Technology
6. Faculty of Aerospace Engineering and Geodesy
7. **Faculty of Engineering Design, Production Engineering and Automotive Engineering**
8. Faculty of Mathematics and Physics
9. Faculty of Humanities
10. Faculty of Management, Economics and Social Sciences



IFK:
View of the
Local Power Plant



1. Institute of Biomaterials and Biomolecular Systems (BIO)
2. Institute of Biomedical Engineering (BMT)
3. Institute of Biochemical Engineering (IBVT)
4. Institute of Chemical Process Engineering (ICVT)
5. Institute of Energy Efficiency in Production (EEP)
6. Institute of Energy Economics and the Rational Use of Energy (IER)
- 7. Institute of Combustion and Power Plant Technology (IFK)**
8. Institute of Building Energetics, Thermotechnology and Energy Storage (IGTE)
9. Institute of Interfacial Process Engineering and Plasma Technology (IGVP)
10. Institute of High Performance Computing (IHR)
11. Institute of Industrial Genetics (IIG)
12. Institute of Nuclear Technology and Energy Systems (IKE)
13. Institute of Polymer Technology (IKT)
14. Institute of Materials Testing, Materials Science and Strength of Materials (IMWF)
15. Institute of Mechanical Process Engineering (IMVT)
16. Institute of Microbiology (IMB)
17. Institute of Fluid Mechanics and Hydraulic Machinery (IHS)
18. Institute of Thermodynamics and Thermal Process Engineering (ITT)
19. Institute of Combustion Technology (ITV)
20. Institute for Textile and Fiber Technologies (DITF)
21. Institute of Thermal Turbomachinery and Machinery Laboratory (ITSM)
22. Institute of Cell Biology and Immunology (IZI)



1. Institute of Construction Management (IBL)
2. Institute of Structural Mechanics (IBB)
3. Institute for Acoustics and Building Physics (IABP)
4. Institute of Railway and Transportation Engineering (IEV)
5. Institute of Geotechnical Engineering (IGS)
6. Institute of Structural Design (KE)
7. Institute of Lightweight Structures and Conceptual Design (ILEK)
8. Institute of Applied Mechanics (Civil Engineering) (MIB)
9. Institute of Spatial and Regional Planning (IREUS)
- 10. Institute of Sanitary Engineering, Water Quality and Solid Waste Management (ISWA)**
11. Institute of Road and Transportation Science (ISV)
12. Institute for Modelling Hydraulic and Environmental Systems (IWS)
13. Institute of Construction Materials (IWB) [de]

ISWA:
Entrance to the
Waste Water
Treatment Plant





Master of Science
**Air Quality Control, Solid
Waste and Waste Water
Process Engineering (WASTE)**
English

Master of Science
Computational Linguistics
English

Master of Science
**Computational Mechanics of
Materials and Structures
(COMMAS)**
English

Master of Science
Computer Science
English

Master of Science
**Electrical Engineering – starts
probably WS 2019/20**
English

New

Master of Science
**Geomatics Engineering
(GEOENGINE)**
English





Master of Science
**Information Technology
(INFOTECH)**

English

Master of Science
Infrastructure Planning (MIP)

English

Master of Science
**Integrated Urbanism and
Sustainable Design (IUSD)**

English

Master of Science
**Integrative Technologies and
Architectural Design Research
(ITECH)**

English

Master of Business Engineering
**International Construction:
Practice and Law –
Master:Online, study while
working**

(study while working)

English

Master of Science
**Maschinenbau / Mechanical
Engineering – Master's
program with Georgia Tech**

German, English

Master of Science
**Water Resources Engineering
and Management (WAREM)**

English

AGENDA



University of Stuttgart
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6. Extracurricular activities
7. Get-together: Ice breaker!



M.Sc. WASTE

M.Sc. WASTE Office and partners

M.Sc. WASTE Office Team



University of Stuttgart
Germany

Dean of Studies



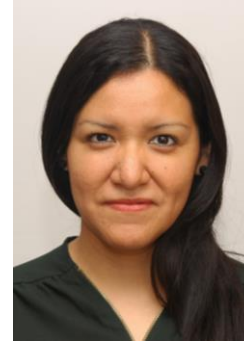
Prof. Andreas
Kronenburg

Course Director



Dr. -Ing. Carolina
Acuña Caro

Course Manager



Grecia Solís
Castillo, M.Sc.

Course Manager



Nelson Felipe
Rincón Soto, M.Sc.

M.Sc. WASTE - Student assistants



M.Sc. WASTE

Hector Javier Cañas
Igor Carvalho
Javier Carrillo
Rinusha Maharjan



M.Sc. WASTE Office and partners

M.Sc. WASTE Office Team



University of Stuttgart
Germany



M.Sc. WASTE Office (room 0.02)

- Announcements via E-mail
- Organization of events

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

M.Sc. WASTE Course Director (room 0.03)

Dr. –Ing. Carolina Acuña Caro

Office hours: Monday, Tuesday and Thursday 13:00 - 15:00

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

M.Sc. WASTE Course Management (room 0.04)

Nelson Felipe Rincón Soto, M.Sc. and Grecia Solís Castillo, M.Sc.

Office hours: Wednesday, Friday 11:00 - 13:00

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

M.Sc. WASTE Office and partners

M.Sc. WASTE Committees



University of Stuttgart
Germany



Examinations Committee (Prüfungsausschuss)

Chairman: Prof. Dr.-Ing. Eckart Laurien

Admissions Committee (Zulassungsausschuss)

Chairman: Prof. Dr.-Ing. Eckart Laurien



Academic Committee (Studienkommission)

Chairman: Prof. Dr.-Ing. Andreas Kronenburg



M.Sc. WASTE

M.Sc. WASTE Office and partners

Partners – International Center



University of Stuttgart
Germany

Social Affairs

They provide you:

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

International Student Advisors:



Ms. Svenja Wübker

Office hours:

Mo-Fr:10-12 am
Mo and Wed: 13:30-16:00
pm

wuebker@ia.uni-stuttgart.de



Ms. Katja Jenkner

Office hours:

Tue, Thurs, Fri: 10-12am

incoming.daad@ia.uni-stuttgart.de



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- Macrostructure
- Specialized Areas
- Double Degree





Landfill in Bangladesh



Surfing Wave in Java, Indonesia



Smog in Beijing



Polluted reservoir, Pingba, China

Reuters



Ken River Oil Field, USA

populationspeakout.org



Mexico City Landscape
20.9 million inhabitants

populationspeakout.org



Polluted water, India

greentatom.net





UNVEILING IN 09 : 03 : 15 : 50



THE LARGEST CLEANUP IN HISTORY

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

The M.Sc. WASTE: An Overview

Introduction: Our Alumni



University of Stuttgart
Germany



German industry



BOSCH
Technik fürs Leben



Procter&Gamble



DAIMLER

SIEMENS

Building Technologies



ALSTOM

The M.Sc. WASTE: An Overview

Introduction: Our Alumni



University of Stuttgart
Germany



German small and medium sized companies



Wasser- und Abwassertechnik



EISENMANN

LEADING IN PRODUCTION EFFICIENCY



Die Experten für abwasserfreie Produktion



Universities and Research Institutes



Universität Stuttgart



Fraunhofer



HELMHOLTZ
ZENTRUM FÜR
UMWELTFORSCHUNG
UFZ

The M.Sc. WASTE: An Overview

Introduction: Our Alumni



University of Stuttgart
Germany

Companies at their home countries



LEADING IN PRODUCTION EFFICIENCY



energy people



The M.Sc. WASTE: An Overview

Introduction: Our Alumni Network



University of Stuttgart
Germany



The M.Sc. WASTE: An Overview

Introduction: 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 (Standard for Mobility)
- **Degree: Master of Science**

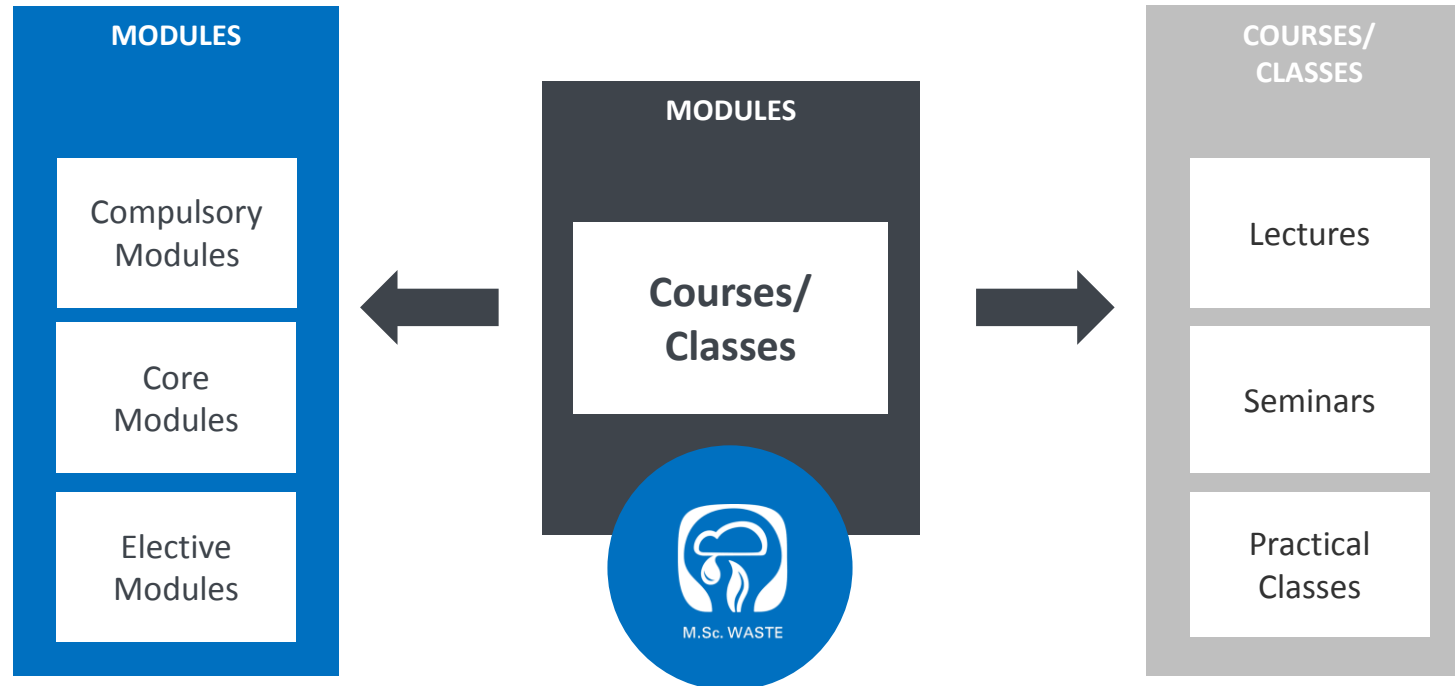


The M.Sc. WASTE: An Overview

Introduction: Modules



University of Stuttgart
Germany



The M.Sc. WASTE: An Overview

The M.Sc. WASTE Macrostructure



M.Sc. WASTE

First Semester

Compulsory Module	6 ECTS
Compulsory Module	6 ECTS
Compulsory Module	6 ECTS
Compulsory Module	6 ECTS
Compulsory Module	6 ECTS

German Course or KQ	3 ECTS
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30 ECTS

Second Semester

Compulsory Module	6 ECTS			
Core Module	6 ECTS	Elective Module	6 ECTS	
Practical Work	3 ECTS	Elective Module	3 ECTS	
or		Industrial Internship		6 ECTS
Core Module	6 ECTS	Elective Module	6 ECTS	
Practical Work	3 ECTS	Elective Module	3 ECTS	
or		Industrial Internship		6 ECTS
Elective Module	6/3 ECTS	Elective Module	6/3 ECTS	
Elective Module	6/3 ECTS	Industrial Internship	6 ECTS	
or		Student Research Project		12 ECTS

German Course or KQ	3 ECTS
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30 ECTS

Third Semester

30 ECTS

Fourth Semester

Master Thesis	30 ECTS
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30 ECTS

Compulsory Modules	36 Credits	Master Thesis	30 Credits
First Specialised Area	18 Credits	German Course or Key Qualification	6 Credits
Second Specialized Area	18 Credits	Elective Modules	12 Credits

Total Credits 120 ECTS

The M.Sc. WASTE: An Overview

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)



The M.Sc. WASTE: An Overview

The M.Sc. WASTE Macrostructure



University of Stuttgart
Germany

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/Metzger/Schwederski)
- Sanitary Engineering (Fischer/Schönberger)
- Process Engineering (Eiden/Trautmann)
- Technology Assessment and Presentation Techniques (Friedrich)



The M.Sc. WASTE: An Overview

Specialized Areas



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Air Quality Control (18 Credits)

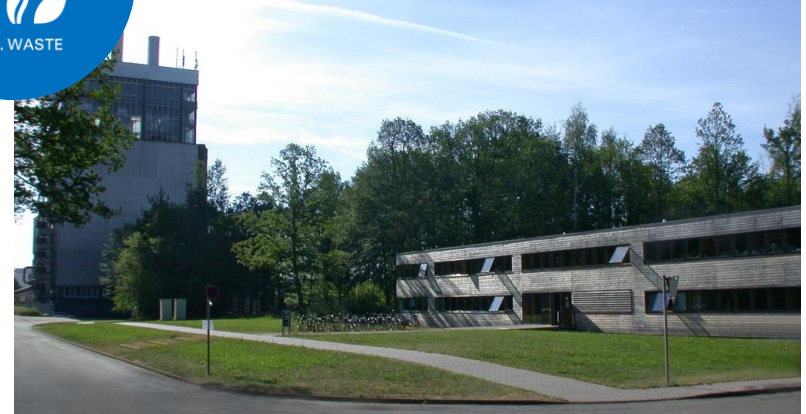
Mandatory Core Module (6 Credits)

- Firing Systems and Flue Gas Cleaning (Scheffknecht)

Elective Modules (9 credits)

Practical Work (3 Credits)

- Practical Class Air Quality Control



The M.Sc. WASTE: An Overview

Specialized Areas



University of Stuttgart
Germany

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 I: Solid



The M.Sc. WASTE: An Overview

Specialized Areas



University of Stuttgart
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 II: Water



Planning my studies

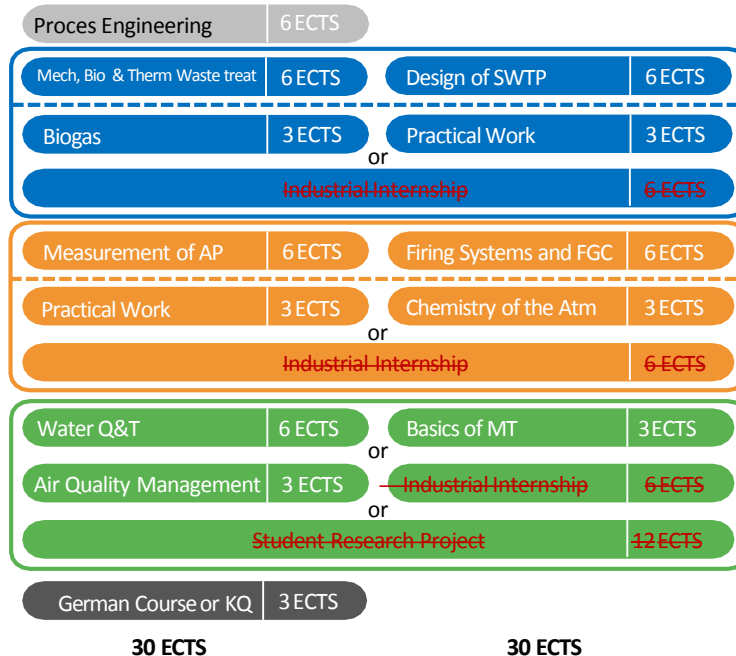
Case scenarios



Case 1: Solid Waste + Air Quality Control - (No Internship / Student Research Project)

Second Semester

Third Semester



Modulhandbuch

120 Elective Modules	
121 Elective Modules 6 CP	
1211 Elective Modules 6 CP (in english language)	
15380 International Waste Management	
15430 Measurement of Air Pollutants	
15440 Firing Systems and Flue Gas Cleaning	
15970 Modellierung und Simulation von Technischen Feuerungsanlagen	
19310 Urban Drainage and Design of Wastewater Treatment Plants	
19320 Design of Solid Waste Treatment Plants	
19330 Industrial Waste Water	
19350 Industrial Waste and Contaminated Sites	
19360 Water Quality and Treatment	
30580 Einführung in die numerische Simulation von Verbrennungsprozessen	
30590 Modellierung und Simulation turbulenter reaktiver Strömungen	
36450 Special Aspects of Urban Water Management	
59610 Primary Environmental Technologies and Emissions Reduction in Indust	
59620 Mechanical, Biological and Thermal Waste Treatment	
1212 Elective Modules 6 CP (in german language)	
16060 Umweltanalytik - Wasser und Boden	
34540 Okobilanz und Nachhaltigkeit	
36500 Ressourcenmanagement	
36930 Maschinen und Apparate der Trenntechnik	
67070 Industrial Internship	
122 Elective Modules 3 CP	
1221 Elective Modules 3 CP (in english language)	
36550 Chemistry of the Atmosphere	
39110 Air Quality Management	
39130 Engine Combustion and Emissions	
39140 Sustainable Production Processes	
39650 Basics of Membrane Technology	
39660 Biological Waste Air Purification	
51780 Modeling of Two-Phase Flows	
58100 Constructed wetlands for wastewater treatment	
59600 Chemical Reaction Engineering	
1222 Elective Modules 3 CP (in german language)	
15390 Umweltrelevanz abfalltechnischer Anlagen	
15400 Biogas	
30860 Luftreinhaltung am Arbeitsplatz	
36560 Raumklima	
38720 Meteorologie	
67040 Kraftwerksanlagen I	



Solid Waste
Air Quality Control

Planning my studies

Case scenarios

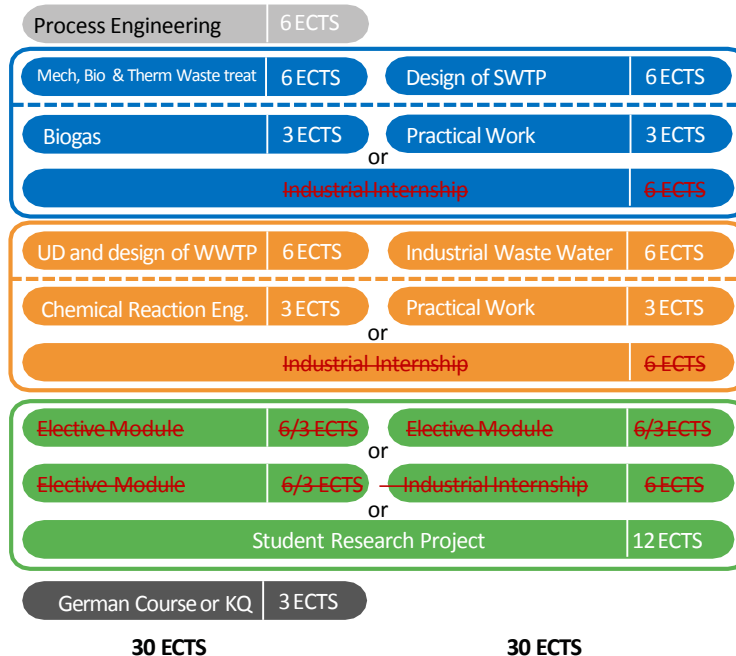


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Germany

Case 2: Solid Waste + Waste Water - (With Student Research Project)

Second Semester

Third Semester



Modulhandbuch

- 232 Elective Modules 6 CP
- 2321 Elective Modules (in english language)
- 19330 Industrial Waste Water
- 19360 Water Quality and Treatment
- 36450 Special Aspects of Urban Water Management
- 2322 Elective Modules (in german language)
- 16060 Umweltanalytik - Wasser und Boden
- 2331 Elective Modules 3 CP
- 23311 Elective Modules (in english language)
- 39650 Basics of Membrane Technology
- 51780 Modeling of Two-Phase Flows
- 58100 Constructed wetlands for wastewater treatment
- 59600 Chemical Reaction Engineering
- 70430 Operational Technology for Waste Treatment ...

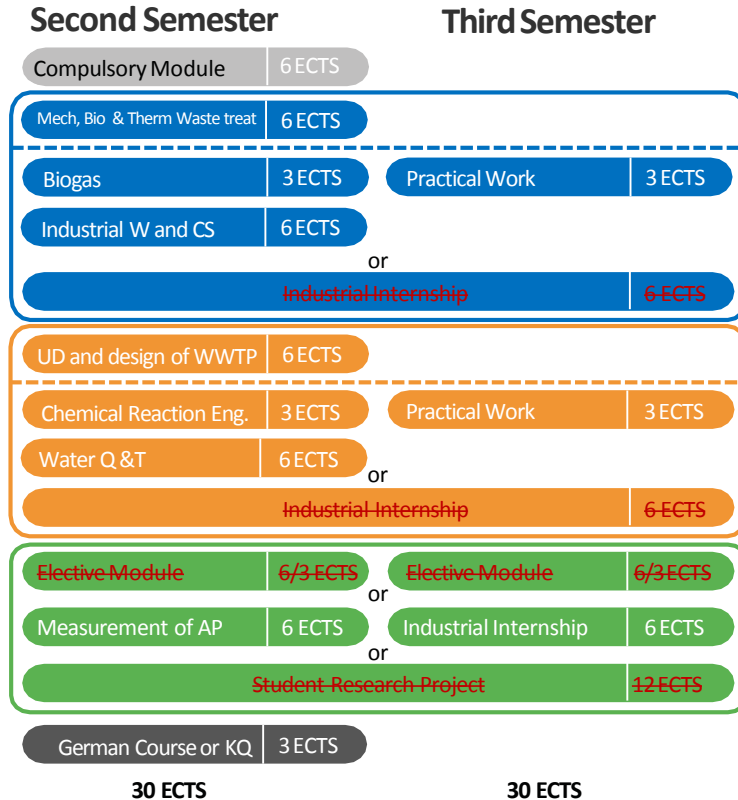
■ Solid Waste
■ Waste Water

Planning my studies

Case scenarios

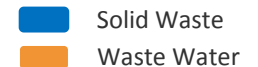


Case 3a: Solid Waste + Waste Water + Internship in 3rd Semester as Elective Module



Solution

- Agreement with Employer
- Increase load in 2nd semester



Planning my studies

Case scenarios



Case 3b: Solid Waste + Air Quality Control + Internship in 3rd Semester as Solid Waste Elective

Second Semester

Compulsory Module | 6 ECTS

Mech, Bio & Therm Waste treat | 6 ECTS

Industrial W and CS | 6 ECTS

Elective Module | 3 ECTS

or

Elective Module | 3 ECTS

Industrial Internship | 6 ECTS

Measurement of AP | 6 ECTS

Firing Systems and FGC | 6 ECTS

Air Quality Management | 3 ECTS

Practical Work | 3 ECTS

or

Industrial Internship | 6 ECTS

Water Q&T | 6 ECTS

Elective Module | 6/3 ECTS

or

Design of WWTP | 6 ECTS

Industrial Internship | 6 ECTS

or

Student Research Project | 12 ECTS

German Course or KQ | 3 ECTS

30 ECTS

Third Semester

30 ECTS

Solution

- Agreement with Employer
- Increase load in 2nd semester

 Solid Waste
 Waste Water









The M.Sc. WASTE: An Overview

Basic Rules



University of Stuttgart
Germany



- Each semester around 30 Credits (+/- 10%)
- Total: 120 Credits in 4 semesters
- Industrial internship optional, minimum duration 6 weeks
- Further questions? Please refer to our FAQs:

http://www.waste.uni-stuttgart.de/archive/downloads/MSc_WASTE_FAQs_While-Studying_2017.pdf



The M.Sc. WASTE: An Overview

German Language Courses outside IZ



University of Stuttgart
Germany



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

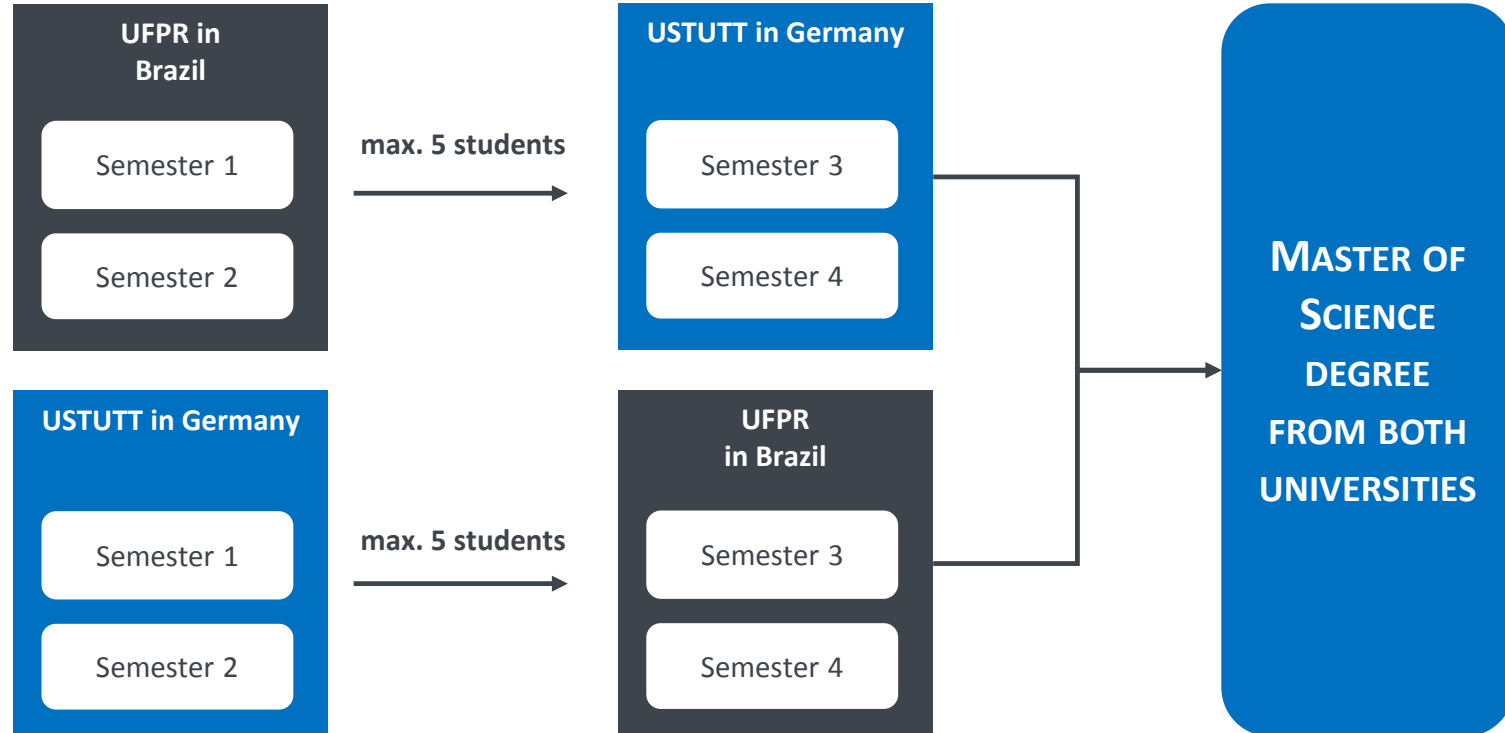
<http://www.vhs-stuttgart.de/>

Henke Schulungen

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

The M.Sc. WASTE: An Overview

Double Degree



The M.Sc. WASTE: An Overview

Examinations Regulations



University of Stuttgart
Germany

Examinations Office - University of Stuttgart

Haus der Studierenden

Pfaffenwaldring 5c // 3rd floor

Campus Vaihingen

Office hours:

Monday	1.30 p.m. – 03.30 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.



AGENDA



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- M.Sc. WASTE Website
- C@MPUS Platform
- ILIAS



Planning my studies

C@MPUS Platform + M.Sc. WASTE Website



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The screenshot shows the homepage of the M.Sc. WASTE program website. The header features the program title "Air Quality Control, Solid Waste and Waste Water Process Engineering" and the University of Stuttgart logo. A navigation menu includes "About", "Before Studying", "While Studying", "After Studying", "Contact", and "Downloads". A breadcrumb trail indicates "You are here: Home »". The main content area is titled "Welcome to WASTE" and contains a welcome message from Prof. Dr. Andreas Kronenburg, Associate dean for graduate studies. A sidebar on the left lists various university services. A "News" section on the right highlights several recent events, including a tutorial calendar, a roadshow, an alumni meeting, and a football tournament. At the bottom, there is a video player for the "MSc WASTE program" with a play button and a share icon.

Air Quality Control, Solid Waste and Waste Water Process Engineering

M.Sc. Air Quality Control,
Solid Waste and Waste Water
Process Engineering
(WASTE)

Universität Stuttgart

Home About Before Studying While Studying After Studying Contact Downloads

You are here: Home »

Welcome to WASTE

Dear students and prospective students,

I would like to welcome you to the website of the MSc WASTE program offered at the University of Stuttgart. Here you can find (almost) all the information you will need for your application to the program and throughout your studies.

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.

Enjoy browsing our website and please, do not hesitate to contact us via our WASTE Office in case any of your questions remain unanswered. Last but not least, I wish you much success with your application and studies at our university.

Prof. Dr. Andreas Kronenburg
(Associate dean for graduate studies - MSc WASTE)

Directly to
Academic Calendar
WASTE Club e.V.
Accommodation
Admissions Office
Health Insurance Guide
C@MPUS
GRADUS
ILIAS
International Office (IZ)
International Master Programs
Language Center
Make it in Germany
Schreibwerkstatt
Student Counseling Center
Student Services
University of Stuttgart
Welcome Center Stuttgart

News

Tutorial's Calendar Summer Semester 2019
Jul 23, 2019
Ready for the upcoming exams of the Summer Semester 2019?

Copernicus Roadshow - Eyes on Earth
Jun 12, 2019
M.Sc. WASTE Students took part in the event in Darmstadt. Earth observations have never been more relevant as they are nowadays!

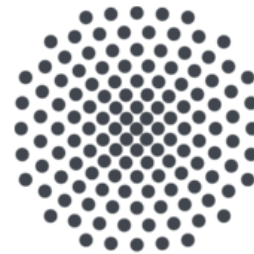
74th M.Sc. Alumni WIM
Jun 4, 2019
The Alumni WIM is an essential intercultural meeting as it offers an ideal opportunity for networking and for getting to know about the after-M.Sc. WASTE Journey of the Alumni.

M.Sc. WASTE -First Place in the IAHR-BW Football Tournament! 2019
May 27, 2019
Congratulations to the M.Sc.

MSc WASTE program ... Παρακολούθηση αργότερα Κοινοποίηση



- Rektorat
- Organe
- Fakultäten
 - Architektur und Stadtplanung
 - Bau- und Umweltingenieur
 - Chemie
 - Energie-, Verfahrens- und E
 - Informatik, Elektrotechnik u
 - Luft- und Raumfahrttechnik
 - Konstruktions-, Produktions
 - Mathematik und Physik
 - Philosophisch-Historische F
 - Wirtschafts- und Sozialwiss
 - Interfakultäre Einrichtungen
- Zentrale Verwaltung
- Zentrale Einrichtungen
- Vertretungen
- Sonstige Einrichtungen



Universität Stuttgart

C@MPUS

Lehrveranstaltungsangebot SoSe 2019: Ab sofort finden Sie in C@MPUS das [Lehrveranstaltungsangebot](#) für das Sommersemester 2019. Die Anleitungen für das Erstellen Ihres Stundenplans finden Sie auf unserer [Dokumentationsseite](#).

Hinweis ILIAS-Anbindung: LV-Anmeldungen in C@MPUS werden automatisch als Kursmitgliedschaften nach ILIAS übertragen. Anstelle eines Kursbeitritts in ILIAS muss ab sofort eine LV-Anmeldung in C@MPUS erfolgen.

Fachübergreifende Schlüsselqualifikationen (SQs): Die Registrierung und die Vergabe der Plätze findet in C@MPUS statt. Näheres entnehmen Sie bitte den entsprechenden [Anleitungen](#).
Registrierung und Vergabe der fachaffinen SQs der Luft- und Raumfahrttechnik laufen analog ebenfalls über C@MPUS.

Bitte beachten Sie, dass SQ-Registrierungen bzw. LV-Anmeldungen nur möglich sind, wenn Sie in das SoSe 2019 rückgemeldet wurden!



STEP 1: Lecture Registration (C@MPUS)

- Access to lecture material
 - Calendar
 - Guarantee your spot (Practical works - Lab)
- Lectures Start: 14.10.2019**

STEP 2: Exam Registration (C@MPUS)

- **MUST DO!**
 - Allow you to take an exam
 - Allocate it in the right place of your curriculum
- 13.11 – 05.12.2019**

AGENDA



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Germany

1. The University of Stuttgart
2. M.Sc. WASTE Office and partners
3. M.Sc. WASTE: An overview
4. Planning my studies
- 5. Financing my studies**
6. Extracurricular activities
7. Get-together: Ice breaker!

- DAAD Scholarships
- STIBET – Uni. Stuttgart
- Working as a HiWi



AGENDA



University of Stuttgart
Germany

1. The University of Stuttgart
2. M.Sc. WASTE Office and partners
3. M.Sc. WASTE: An overview
4. Planning my studies
5. Financing my studies
6. **Extracurricular activities**
7. Get-together: Ice breaker!

- Rooms at the IFK
- WIMs & Summer Party
- International Symposium
- Graduation Ceremony



Extracurricular Activities

Rooms at the IFK



University of Stuttgart
Germany



M.Sc. WASTE Computer Pool (room 0.78)

- 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 0.51)

- 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
Germany



Extracurricular Activities

M.Sc. WASTE Soccer Team



University of Stuttgart
Germany



Extracurricular Activities

M.Sc. WASTE Fundraising activities



University of Stuttgart
Germany





M.Sc. Air Quality Control,
Solid Waste and Waste Water
Process Engineering
(WASTE)

SUMMER SEMESTER 2019 - ISSUE 22

NEWSLETTER

LIFE AFTER M.Sc. WASTE - Alumni WIM 2019

In life, a person has to go through many phases. Beginning with childhood, a person experiences life from different points of view in different institutions. Though in most cases these institutions are only supposed to be the means to obtain a degree, with the journey towards that goal, everyone goes through a variety of experiences that shape their later life in various ways. Our M.Sc. WASTE course is such an experience for all of the students, present and past, it is going to influence different aspects of our life after our completion of this Master Program. However, not knowing how this is going to affect our future life and in which way studying the M.Sc. WASTE can help us achieve our goals was scaring for all of us. In order to remedy that, a M.Sc. WASTE intercultural meeting (WIM), where our respected Alumni shared their experiences of 'Life after M.Sc. WASTE', was arranged on 28th June 2019 at the IFK.

Seven Alumni spoke about different aspects and experiences that they had to go through after their graduation. The most important focus of that period after graduation is to decide how to move forward with everything that has been learned. Our first speaker, Mr. Fernando Acuña, who is from Generation 2013, chose a professional corporate life and is currently working at the EControl Gas gmbh, Hallbrunn in the field of Gas Cleaning and Plasma Systems (Air Quality Control). He is from Colombia and studied chemical engineering. The company he currently works at was founded in 2000 and now he

works with physical and chemical scrubbers, dry filters, and plasma torches. He has to be engaged from the beginning to the end until the delivery of the final product. To describe his personal experiences and difficulties during the job, he mentioned having to learn a lot of terminology on the job in German. He also had to learn the German way of working and communicating very quickly. It took him 9 months to find a job although 3 of those months he was working at the Fraunhofer Institute. In those 9 months, he sent 50 to 60 applications among which he got 8 to 10 interviews with 2 of them being second interview. His advice for the students was to learn the German language very well and understand the culture.

Mr. Acuña also suggested that going out of the campus, meeting people, joining clubs and overall networking is really important for future life. He also advised to be analytic while choosing the right place of living and working as only 15% of his colleagues ended up staying in Germany. He emphasised on having a German CV examined by someone who knows German really well. In addition, he mentioned that grades are also very relevant and he also included his bachelor's grade in the CV. At the end, he talked about one of the current focus of his present company which has been on the plastic pollution crisis. He informed us about different projects with other countries for getting pyrolysis of plastic and opportunities for a master's thesis or internships there.



Mr. Pavel Leonardo López (Gen. 2017) during Alumni WIM 2019
Picture by Nelson Rincón

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Picture by Nelson Rincón

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Picture by Freddy Metzger

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GETTING TO KNOW M.Sc. WASTE
Picture by Freytag/Ges

M.Sc. WASTE NEWS



What is going on in the M.Sc. WASTE?
Picture by Nelson Rincón

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M.Sc. WASTE News

UPCOMING EVENTS - M.Sc. GRADUATION CEREMONY 2019

On behalf of our M.Sc. WASTE community, we would like to extend you an invitation to our upcoming M.Sc. WASTE Graduation Ceremony 2019. It will take place on the 16.11.2019 in Pfaffenwaldring 47 Room 47.03. This year we will celebrate the culmination of the 2-year journey of the M.Sc. WASTE students from Generation 2017. We will offer an international buffet along with some performances and speeches from the class representatives and the directives of the program.

It will be a perfect opportunity to congratulate the graduates and to stay in touch with the M.Sc. WASTE Network. We are looking forward to seeing you there!

Nelson Rincón
M.Sc. WASTE Course Manager



III Internat. Sympos. and Graduation Ceremony
Picture by Mohammed Prasad

FUNDRAISING WASTE CLUB STUTTART e.V. 2019

The Allmand Open Air is a traditional summer party that has been organized by students from the Allmandring 1 Dormitory for almost the past 10 years. This year the WASTE Club Stuttgart e.V. carried out a fundraising activity selling delicious food during the party. Generation 2018 came together to help and make the M.Sc. WASTE Stand a tremendous success, selling out all the food we had prepared! Fun young people and great

food created lines and lines during the whole event in front of the M.Sc. WASTE stand. Here is a piece of information for the Gen. 2019. Everyone is already looking forward to eating the burgers and the fries from the M.Sc. WASTE Stand in the AQA 2020!

Igor Ramos
M.Sc. WASTE student, Generation 2018



Where will the money go?
The legendary Generation 2018 Graduation Ceremony in 2020!

Extracurricular Activities

International Symposium



University of Stuttgart
Germany

November 8th 2019
Online
Registration:
www.wasteclub.net



Extracurricular Activities

International Symposium



University of Stuttgart
Germany



Waste to energy:
Around the world

- International Conferences
- Enterprise Conferences:
Netherlands and Chile
- M.Sc. WASTE Former students
– PhD candidates
- M.Sc. Master Thesis +
Research projects
- Externals research in the field

Extracurricular Activities

Graduation Ceremony



University of Stuttgart
Germany

November 16th
2019
Online
Registration: Link
in email





WASTE Club
Stuttgart e.V.

The WASTE Club is a Professional Network that supports the activities of the International MSc. “ 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!

Extracurricular Activities

Taskforce



University of Stuttgart
Germany

We need your commitment:

- Class Speaker
- Task force member
- Newsletter coordinator
- WIM coordinator
- Symposium Committee 2020

Ongoing project: Graduation Ceremony 2019

- Decoration team Graduation Ceremony (15.11.2019)
 - Cooking Team Graduation Ceremony (16.11.2019)
- **Helpers do not pay entrance fee!

**Fill in the
corresponding list!**

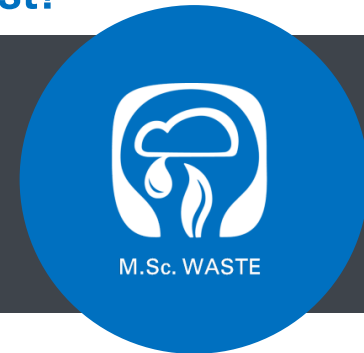


Igor Ramos



Javier Carrillo

Class speakers
Generation 2018





University of Stuttgart
Germany

Thank you!



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