



# MSc WASTE Course Planning Guide

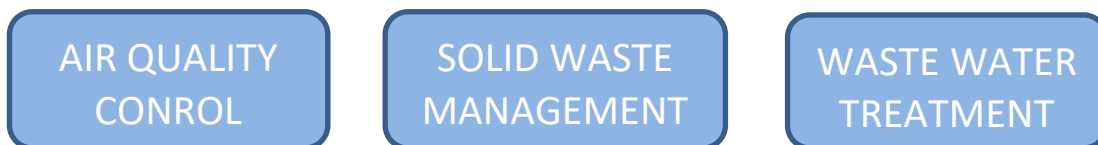
## -From 2<sup>nd</sup> semester on for Gen21-

This document is thought only as a guidance to help you out with the organization of your individual study plan. This guide **must not be submitted** to the MSc WASTE Office or to the Examination Office. However, in case of uncertainty, please do not hesitate to consult the MSc WASTE course director.

In order to successfully plan your study program, please carefully think about the following steps:

### Step 1: Choosing the Specialized Areas

Please choose two out of three **Specialized Areas** (18 ECTS per specialized area, in total 36 ECTS).



Every Specialized Area consists of

- a mandatory **Core Module** (6 ECTS)



- **Choose your Elective Modules for each of your specialization** (6 ECTS)

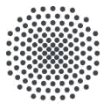


- **Practical Work** (3 ECTS) + Elective module (3 ECT) OR voluntary **Internship** (6 ECTS)



In order to select the courses of your interest for each specialization area, please refer to the Module List available on our website:

[https://www.waste.uni-stuttgart.de/download/WiSe21-22\\_MHB\\_88\\_926-2015\\_1.pdf](https://www.waste.uni-stuttgart.de/download/WiSe21-22_MHB_88_926-2015_1.pdf)



## Step 2: Choosing further Elective Modules

Additionally, please complement the Courses of the Master Program with further **Elective Modules** (in total: 12 ECTS).

You can choose any Elective modules with 6 ECTS or 3 ECTS

**Elective Module (6 /3ECTS) + Elective Module (6 /3ECTS)**

**OR**

You can choose to do Industrial Internship along with Elective modules with 6 ECTS or 3 ECTS

**Elective Module (6 /3 ECTS) + Industrial Internship (6 ECTS)**

**OR**

You can do a Student Research Project.

**Student Research Project (12 ECTS)**

The modules can be selected from:

<b>Module(s)</b>	<b>Language(s)</b>	<b>Semester</b>	<b>ECTS</b>
Core module specialized area not chosen	E	2/3	6
Elective module specialized area not chosen	E/G	2/3	6
Elective module specialized area not chosen	E/G	2/3	3
Ökobilanz und Nachhaltigkeit	G	3	6
Maschinen und Apparate der Trenntechnik	G	3	6

## Step 3: German and or Key Qualifications

**GERMAN CLASS and/or KEY QUALIFICATIONS**

**TOTAL: 6 ECTS**

Please remember that you are required to successfully finish (depending on your German proficiency):

- 6 Credits German Courses, **OR**
- 3 Credits German Course + 3 Credits Key Qualifications, **OR**
- 6 Credits Key Qualifications

## Final Step: Master Thesis (4th semester)

**MASTER THESIS**

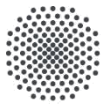
**30 ECTS**

### *Additional Modules*

**ADDITIONAL MODULES**

**up to 12 ECTS**

In case you are interested in doing more than the required modules, you are free to choose up to 12 ECTS of additional modules. They will be listed in your transcript **BUT** have **no influence** on your final average grade.



# Checklist

REQUIREMENTS	CREDITS	COMPLETED
Compulsory Modules Semester 1	30	
Compulsory Module Semester 2 (Process Engineering)	6	
<b>Specialized Area 1<sup>1</sup> (Semester 2 and 3)</b>	18 ECTS	
<b>Core Module</b>	6	
<b>Elective Module</b>	6	
<b>Elective Module</b>	3	
<b>Practical Work</b>	3	
<b>Industrial Internship<sup>3</sup></b>	6	
<b>Specialized Area 2<sup>2</sup> (Semester 2 and 3)</b>	18 ECTS	
<b>Core Module</b>	6	
<b>Elective Module</b>	6	
<b>Elective Module</b>	3	
<b>Practical Work</b>	3	
<b>Industrial Internship<sup>3</sup></b>	6	
<b>ELECTIVE MODULES (Semester 2 and 3)</b> 1) Elective Modules 2) Internship & Elective Modules 3) Student Research Project	12 ECTS	
<b>GERMAN CLASS and/or KEY QUALIFICATIONS (Semester 2 and 3)</b>	6	
<b>MASTER THESIS (Semester 4)</b>	30	
<b>TOTAL</b>	<b>120</b>	
ADDITIONAL MODULES (Optional)	Up to 12 ECTS	

<sup>1</sup> Air, Solid OR Water

<sup>2</sup> One of the remaining specialized areas not chosen yet.

<sup>3</sup> The Industrial Internship within the Specialized Areas can only be replaced by one Elective Module of 3 ECTS plus the mandatory Practical Work with 3 ECTS (in total 6 ECTS).