

# Advanced Recycling Technologies II

6 LP / 4 SWS

Type of examination: term paper, mid-term presentation and final presentation

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## Content:

- Context of ongoing research and development in the field circular economy and recycling technology
- Scientific practices - such as formulation of hypothesis, experimental design, statistical tools and other assessment methods
- Experimental techniques for characterizing waste flows waste, derived products and recycling processes
- Tools for data processing and presentation
- Competences for presentations
- Analytical tools in resource management (Material Flow Analysis, Recycling Performance Indicators, Criticality Assessment, statistical analysis of uncertainties)

## Organisation:

- We plan to offer the project-based module Advanced recycling technologies II, if there is sufficient demand for this module. Please register for the course as explained below. Please note that your registration is binding.
- The projects will be theoretical and suitable for online collaboration, as with no practical or laboratory work involved. Additional theoretical input will be offered as online seminars and online preparation material.
- **Start: to be announced**

## Course registration, general enrollment procedure, and course access

Please register for the course via [moduleinschreibung@circulareconomy.tu-berlin.de](mailto:moduleinschreibung@circulareconomy.tu-berlin.de) as soon as possible, but latest until April 30, 2020. Please write an email with your full name, TU-email address and the module you would like to participate in.

Your registration is crucial for us to prepare and coordinate the modules for the registered number of students. We do our utmost to facilitate an exceptional learning experience for all of us.

