

M.Sc. Sustainable Materials – Polymer Sciences

Registration for the module examination in the Major Module

Module S1: Advanced Macromolecular Materials and Nanostructure Engineering

- Physical Processes of Self-Assembly and Pattern Formation (Vorlesung und Übung)
- Functional polymers for sustainable developmet
- MC V Soft Matter and Bio Nanosciences
- Basic principles of polymer technology

Module S2: Macromolecular Engineering and System Integration (written exam!)

- Oberflächenanalyse / Surface Analysis (Vorlesung und Übung)
- Basic principles of polymer technology
- Grenzflächen für bioanalytische Systeme / Interfaces for Bioanalytical Systems
- Von Mikrosystemen zur Nanowelt / From Microsystems to the Nanoworld
- Polymer Processing and Microsystems Engineering

Module S3: Biomaterials and Biosystems

- Methods and Techniques in Biomaterial Science
- MC IV Materials in Life Sciences
- Methods and Concepts in Biofabrication (Seminar und Übung)
- Aspects of Freeform Fabrication and 3D-Printing
- 3D-Printing of Biomaterials

Module S4: Biobased Materials

- MC V Soft Matter and Bio Nanosciences
- Physical and Mechanical Behavior of Wood
- Bio-based Polymers
- Bioinspirierte Funktionsmaterialien / Bioinspired functional materials

Mr / Mrs: _____

Matriculation number: _____

Examination date: _____ time: _____

Signature examiner/secretary's office: _____

I hereby register bindingly for the examination.

Freiburg, _____
(Date and signature of the student)

The registration form needs to be submitted to the examinations office latest two weeks before the examination date.