



General Information

Module Title ***Biomaterial Science II***

Tutor Name(s) *A. Lendlein*

Location where module takes place *GKSS -Forschungszentrum Geesthacht GmbH
Institut für Polymerforschung
Kantstr. 55, 14513 Teltow
lecture hall, house D
14 to 18 September, 08:30 to 14:30
Monday finishes earlier for the lecture God Research Practise*

Suitable for the tracks	<input checked="" type="checkbox"/> <i>Biology/Biochemistry Track</i>		
	<input checked="" type="checkbox"/> <i>Chemistry/Physics/Engineering Track</i>		
	<input type="checkbox"/> <i>Clinical Scientist</i>		
Type	<i>Lecture;</i>	Level	<i>medium</i>
Days	<i>5</i>	Max. Participants	<i>20</i>

Objectives this module

Introduction into Biomaterial Science II

Biomaterial testing and basic strategies for the development of biomaterials based on polymers. Overview over different established applications and materials, as well as future concepts for Drug Delivery, Tissue Engineering and Implant materials. Improvements and drawbacks in the development of biomaterials from the first to the newest generation.

Which course materials, software, or instruments do students use in this module?

Handout of the course will be provided

What are the prerequisites for taking this subject?

A knowledge in Macromolecular Chemistry, Physics and Biology is required.
