Modulbezeichnung	**Products from renewable resources**
Semester	WPM
ECTS-Punkte (Dauer)	5 (1 Semester)
Art	Wahlpflichtmodul (compulsory elective module, in English, if necessary)
Studentische Arbeitsbelastung	45 h Kontaktzeit + 105 h Selbststudium
Voraussetzungen (laut BPO)	
Empf. Voraussetzungen	Nachwachsende Rohstoffe (Bachelor)
Verwendbarkeit	DEL
Prüfungsform und -dauer	poster presentation and written report
Lehr- und Lernmethoden	seminar, project
Modulverantwortlicher	M. Rüsch gen. Klaas

Qualifikationsziele
The students are familiar with the most important product segments actually or potentially based on renewable resources. They are aware of the technical, economic, ecological and political context determinating whether the use of renewable resources for those products makes sense or not.

Lehrinhalte
The module gives an overview over the most important product segments, wherein renewable raw materials are used (e.g. biopolymers, surfactants, lubricants, fine chemicals). In small groups of 2-3 students explore a particular product of their own choice regarding the input of renewable raw materials, the possible motivation of the producers and the ecological impact.

Literatur

Lehrveranstaltungen

Dozent	**Titel der Lehrveranstaltung**	**SWS**
M. Rüsch gen. Klaas	Seminar Products from renewable resources	1
M. Rüsch gen. Klaas	Projects Products from reneable resources	2