

Syllabus

Kursbeschreibung

Titel der Lehrveranstaltung	Research and development for food production
Code der Lehrveranstaltung	44729
Zusätzlicher Titel der Lehrveranstaltung	
Wissenschaftlich-disziplinärer Bereich	AGRI-07/A
Sprache	Englisch
Studiengang	Master in Lebensmittelwissenschaften für Innovation und Authentizität
Andere Studiengänge (gem. Lehrveranstaltung)	
Dozenten/Dozentinnen	Prof. - Ass. Lara Manzocco, Lara.Manzocco@unibz.it https://www.unibz.it/en/faculties/agricultural-environmental-food-sciences/academic-staff/person/43388
Wissensch. Mitarbeiter/Mitarbeiterin	
Semester	Erstes Semester
Studienjahr/e	2
KP	4
Vorlesungsstunden	20
Laboratoriumsstunden	20
Stunden für individuelles Studium	60
Vorgesehene Sprechzeiten	12
Inhaltsangabe	-
Themen der Lehrveranstaltung	Type of course: area affine integrativa Scientific area: Food Technology The course is part the profile "Food quality control and management" The course is designed to prepare students to work autonomously and in team in the food research and development

	sector. These skills will be reached by challenging students in two interactive and dynamic learning projects: 1) Simulation of the process of design and development of a food product by a R&D centre within a food company (20 h). 2) Development of research activity plans (20 h) Student projects will be then presented to the class and jointly discussed in relation to coherence, efficacy, overall feasibility and sustainability.
Stichwörter	
Empfohlene Voraussetzungen	
Propädeutische Lehrveranstaltungen	-
Unterrichtsform	
Anwesenheitspflicht	No
Spezifische Bildungsziele und erwartete Lernergebnisse	Students are expected to: - know the basic structure of R&D process; - recognize the role of the food technology expert in the R&D process; - recognize R&D decision makers; - develop research activity plans and critically select them; - communicate product, process and project ideas in a professionally manner; - develop independent thinking, communication skills, learning and team working capability.
Spezifisches Bildungsziel und erwartete Lernergebnisse (zusätzliche Informationen)	
Art der Prüfung	Written and project work: written exam (students are asked to write a draft of an assigned R&D activity) with review questions and oral presentation of projects done in groups.
Bewertungskriterien	Admission to the final written exam on participation to the projects: ability to work in a team, creativity, skills in critical thinking Final mark: clarity and organization of the answers, mastery of technical language, ability to establish relationships between different aspects of R&D.
Pflichtliteratur	
Weiterführende Literatur	
Weitere Informationen	
Ziele für nachhaltige	

Entwicklung (SDGs)	
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