

Syllabus

Descrizione corso

Titolo insegnamento	Research and development for food production
Codice insegnamento	44729
Titolo aggiuntivo	
Settore Scientifico-Disciplinare	AGRI-07/A
Lingua	Inglese
Corso di Studio	Corso di laurea magistrale in Scienze degli alimenti per l'innovazione e l'autenticità
Altri Corsi di Studio (mutuati)	
Docenti	prof. - ass. Lara Manzocco, Lara.Manzocco@unibz.it https://www.unibz.it/en/faculties/agricultural-environmental-food-sciences/academic-staff/person/43388
Assistente	
Semestre	Primo semestre
Anno/i di corso	2
CFU	4
Ore didattica frontale	20
Ore di laboratorio	20
Ore di studio individuale	60
Ore di ricevimento previste	12
Sintesi contenuti	-
Argomenti dell'insegnamento	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.
Parole chiave	
Prerequisiti	
Insegnamenti propedeutici	-
Modalità di insegnamento	
Obbligo di frequenza	No
Obiettivi formativi specifici e risultati di apprendimento attesi	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.
Obiettivi formativi specifici e risultati di apprendimento attesi (ulteriori info.)	
Modalità di esame	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.
Criteri di valutazione	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.
Bibliografia obbligatoria	
Bibliografia facoltativa	
Altre informazioni	
Obiettivi di Sviluppo Sostenibile (SDGs)	