

Project Studies

Integrated Quality Design: Project

Criteria	Description
Title	Integrated Quality Design: Project
Instructor(s)	Prof. Dr. Erik Hansen, Julia Schmitt MSc, Andres Alcayaga MSc
Course language	German, English (depending on demand)
Workload	4 ECTS
Course type	Project studies (PJ)
- <i>Schedule</i>	See dates in KUSSS
- <i>Semester</i>	Summer
Target group	Social Sciences and Engineers (interdisciplinary)
- <i>Level</i>	Master's, M1 or higher
- <i>Relevant programmes</i>	General Management, Management Polymer Technologies (Advanced* or Free Elective); Free elective for all other relevant programmes in various faculties: SoWi (e.g. Global Business, Economics, Management and Applied Economics, Wirtschaftsinformatik) and TNF (e.g. Wirtschaftsingenieurwesen - Technische Chemie, Mechatronisches Design, Polymer Chemistry, Polymer Technologies and Science, Nanoscience and -Technology).
- <i>Source curricula</i>	-
Goals	<p>Small teams of 2-4 Master level students – from social sciences and engineering background work on current practice challenges and hot topics at the intersection of quality, sustainability and innovation management. They elaborate the status quo of the challenge at hand and present solutions (e.g. informed by practices in industry as well as practice-oriented and scientific literature) to our corporate partner Quality Austria, a service provider offering certification and training to major companies across all industries in Austria as well as in many international destinations.</p> <p>The ultimate goal is to develop a new training service for Quality Austria intended at enabling practitioners from industry to understand, analyse and respond to the challenge in focus.</p>
Contents	The teams analyse the meaning of the concepts Smart Products, Materials Circularity, Products-as-a-Service, or Beyond Obsolescence, and how these trends affect corporate product development. Based on this, they develop a guideline of a new service ("Innovation Audit") on the respective innovation trend for our corporate partner Quality Austria. The aim of the Innovation Audit is to support companies in the development of new products and services by unearthing the gap between current capabilities and processes and those supporting innovation. Thus, the teams gain deep practical insights into service development and latest innovation trends.
Teaching methods	Group work; coaching by instructors; mentoring by corporate partner
Exam	Presentation and project report
Study literature	Practitioner and Scientific Literature
No. of participants	-
Further information	<ul style="list-style-type: none"> - The final presentation will be given in front of the Quality Austria Management Board in their Headquarters in Vienna, including dinner with members of the Quality Austria Management Board - Each team will have a Quality Austria project sponsor to support the team while developing the concept - Invitation to attend the main Quality Austria customer event Quality Austria Forum in Salzburg

Organizer Institute for Integrated Quality Design (IQD)
Online: www.jku.at/iqd
Date of information: 02.02.2017



Please check the university's KUSSS system for up-to-date information!