Digital Innovation (Advanced study course in business administration)

Title	Digital Innovation (Advanced study course in business administration)
Semester	E2023
Master programme in	Virksomhedsstudier / Social Entrepreneurship and Management / Virksomhedsledelse / Business Administration and Leadership / Social Entrepreneurship and Management / Virksomhedsledelse
Type of activity	Course
Teaching language	English
Study regulation	Read about the Master Programme and find the Study Regulations at ruc.dk

REGISTRATION AND STUDY ADMINISTRATIVE

Registration	You register for activities through stads selvbetjening during the announced registration period, which you can see on the Study administration homepage. When registering for courses, please be aware of the potential conflicts and overlaps between course and exam time and dates. The planning of course activities at Roskilde University is based on the recommended study programmes, which should not overlap. However, if you choose optional courses and/or study plans that goes beyond the recommended study programmes, an overlap of lectures or exam dates may occur depending on which courses you choose.
Number of participants	
ECTS	5
Responsible for the activity	Ada Scupola (ada@ruc.dk)
Head of study	Mette Apollo Rasmussen (apollo@ruc.dk)
Teachers	
Study administration	ISE Registration & Exams (ise-exams@ruc.dk)
Exam code(s)	U60281GB

ACADEMIC CONTENT

Overall objective	Advanced study course in business administration.

Via the course, students gain critical insight into theories of innovation and digital transformation processes, including how digitalisation affects different types of organisations. The course provides students with an in-depth understanding of business technology through perspectives on digital transformation and digital innovation, together with relevant analytical tools to enable them to analyse the complexity of digitalisation, and thereby create a basis for management decisions. Students acquire a deep understanding of the complex interplay between the organisational and innovative processes of companies and the use of digital technologies.

Detailed description of content

The course provides the students with a theoretical understanding and a methodological basis to address digital innovation and digital transformation issues. The students gain an understanding of business aspects and new business opportunities in connection with digital innovation and transformation. In addition, the students learn both to analyze digital innovation and transformation potentials and challenges in (real or fictitious) organizations as well as learn to prepare and develop an action plan to address them. Overall, the course provides the students with an understanding of the concepts and opportunities of digital innovation and digital transformation in order to demystify new advanced technologies and make it easy for non-IT specialists to deal with the complex digitalization issues from a business perspective.

More specifically, the course is divided into 3 building blocks, each one addressing different aspects of digital innovation and digital transformation. The first block lays the foundation for understanding digital innovation and its importance. It presents the structure of the course as well as the business case concept and what digital innovation and digital transformation are and how to create value with them. The second part introduces methods to develop digital innovations and digital transformations. The third part introduces methods for concept evaluation and concludes with students' presentation of their business case and considerations for the prof of concept.

Course material and Reading list

The course material consists of key relevant literature on the topic of digital innovation and digital transformation and includes selected book chapters and journal articles. Such literature focuses on definitions, theories, cases and methods. The detailed program with the reading list will be provided on the Moodle page for the course.

Overall plan and expected work effort

The course is a 5 ECTS course therefore it is expected that the students deliver 135 hours of work in relation to the course.

The course consists of 10 lectures of 2 hours each. It is expected that the students have read the material in advance and come prepared to the lectures. The students are expected to use about 8 hours of reading per lecture, that is a total of 10 hours per lecture.

The students are in addition expected to use about 35 hours to write the action plan.

The lectures are a combination of teacher presentations based on the assigned literature as well as students' reflections and active discussions. Such discussions can be group or plenum discussions and will focus on discussing, analyzing and summarizing the literature presented in class as well as on developing and drafting the action plan. In addition, it is expected that the students present drafts of their action plans in form of a "pitch" as well as provide feedback to fellow students' action plans in class.

Format	Campus

Evaluation and feedback	The activity is evaluated regularly accoding to the study board evaluation procedure. The activity responsible will be informed about a potential evaluation of the activity at semesterstart. Se link to the study board evaluation praxis here https://intra.ruc.dk/nc/for-ansatte/organisering/raad-naevn-og-udvalg/oversigt-over-studienaevn/studienaevnet-for-erhvervs-og-samfundsoekonomi/arbejdet-med-kvalitet-i-uddannelserne/evalueringspraksis/

Programme	● Lecture 1: Introduction to the course rationale and structure and the Business Case Concept ● Lecture 2: Digital Innovation- Definitions and Different types ● Lecture 3: Digital transformation and Advanced Digital Technologies. ● Lecture 4: Digital transformation and Value Creation ● Lecture 5: Innovation Contexts and Digital Innovation ● Lecture 6: Proof of Concept/The digital innovation business case ● Lecture 7: Living Labs as co-creation method ● Lecture 8: Effect driven participatory IT-design as method for digital innovation development and implementation ● Lecture 9: Change Management and Digital Innovation and Transformation ● Lecture 10: Student Pitches of the Business Case

ASSESSMENT

Overall learning outcomes	● Students gain knowledge and insight into various theories and methods of digital innovation, service innovation and digital transformation. Students learn to assess various forms and degrees of digitalisation, and how to provide an analytical basis for decision-making in relation to a company's digital innovation and transformation. Through the use of theory, case studies and other service innovation methods, students also learn to analyse concrete situations and possibly develop action plans for new digital transformations for small, medium and large companies.

Form of examination	Individual portfolio exam. The character limit of the portfolio is 16,800-24,000 characters, including spaces. Examples of written products are exercise responses, talking points for presentations, written feedback, reflections, written assignments. The preparation of the products may be subject to time limits. The character limits include the cover, table of contents, bibliography, figures and other illustrations, but exclude any appendices. The portfolio is written completely or partially during the course. The entire portfolio must be handed in at the same time (uploaded to eksamen.ruc.dk). Handing in the portfolio or parts of the portfolio to the supervisor for feedback, cannot replace the upload to eksamen.ruc.dk. Assessment: 7-point grading scale.

Form of Re-examination	Samme som ordinær eksamen / same form as ordinary exam

Type of examination in special cases	

Examination and assessment criteria	The student is able to understand, reflect on and criticize the theories and the methodologies of digital innovation and digital transformation presented in the course.
	The student is able to assess and apply the theories and methodologies presented in the course in order to develop and produce an action plan for decision-making in relation to a company's digital innovation and transformation.
Exam code(s)	Exam code(s) : U60281GB

Course days:

Hold: 1

Digital Innovation (BAL, VL)

time	12-09-2023 14:15 til 12-09-2023 16:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation (BAL, VL)

time	19-09-2023 14:15 til 19-09-2023 16:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation (BAL, VL)

time	26-09-2023 14:15 til 26-09-2023 16:00
forberedelsesnorm	ikke valgt

forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation (BAL, VL)

time	03-10-2023 14:15 til 03-10-2023 16:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation (BAL, VL)

time	10-10-2023 14:15 til 10-10-2023 16:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation (BAL, VL)

time	26-10-2023 08:15 til 26-10-2023 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	09.2-009 - teorilokale (60)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation (BAL, VL)

time	31-10-2023 14:15 til 31-10-2023 16:00
forberedelsesnorm	ikke valgt

forberedelsesnorm D-VIP	ikke valgt
location	06.1-032 - teorirum (65)
Teacher	Lars Fuglsang (fuglsang@ruc.dk)

Digital Innovation (BAL, VL)

time	07-11-2023 14:15 til 07-11-2023 16:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	John Damm Scheuer (jods@ruc.dk)

Digital Innovation (BAL, VL)

time	14-11-2023 14:15 til 14-11-2023 16:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	05.2-032 - teorirum (65)
Teacher	John Damm Scheuer (jods@ruc.dk)

Digital Innovation (BAL, VL)

time	06-12-2023 09:00 til 06-12-2023 11:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	11.2-047 - gl. natfagsal (65)
Teacher	Ada Scupola (ada@ruc.dk)

Digital Innovation - Exam

| time | 15-01-2024 10:00 til
15-01-2024 10:00 |
| forberedelsesnorm | ikke valgt |

forberedelsesnorm D-VIP   ikke valgt

Digital Innovation - Reexam

time   29-02-2024 10:00 til
                            29-02-2024 10:00

forberedelsesnorm   ikke valgt

forberedelsesnorm D-VIP   ikke valgt