

MODULES IN DIGITAL BUSINESS

FUNDAMENTALS OF OBJECT ORIENTED PROGRAMMING

The course introduces students to working with and communicating about object oriented programming (OOP). It introduces central concepts of OOP and provides the students with a broad, widely applicable and extendable understanding of OO programming languages and logics.

STRATEGIC AND TACTICAL TOOLS FOR DIGITAL BUSINESS

This course introduces foundational processes and logics of digital business. It provides an understanding of applications, baseline technologies, changing skill sets, new business concepts and new business tactics/strategies that organizations need to master, in order to manage and lead digitalization initiatives and new forms of value creation. This course explores digital technologies with their latest development and focuses on how organizations can exploit these technologies as a means to effectively reshape and (re-)direct their business strategies.

EU INTERNET LAW

This course gives the students the ability to navigate and communicate about EU law relevant for the Internet, with a particular focus on digital business and ventures. It equips students with constructive skills and vocabularies, providing the fundamental insights for critically assessing the role of policies and legal frameworks in a world where digitalization is key to business success.

PERSPECTIVES ON DIGITAL BUSINESS

The course focuses on developing the foundations for designing and executing research projects on digital business and information systems at a master thesis level. The course helps students in developing the skills that enable them to design, conduct, report, and critically review research in the context of information systems. The course balances theory and practice in social research, and includes information systems as a field and research domain, research framing and design, measurement theory, fieldwork and data collection, secondary research issues, data analysis, as well as manuscript writing.

APPLIED PROGRAMMING

The course builds on fundamental competencies and understanding of programming to give the students deeper insights into the design and construction of applications and services using high-level programming tools. The course provides the students with an extendable and practical expertise in the use of programming tools for devising and developing digital tools and services in an organization or business setting.

ENGINES OF DIGITAL BUSINESS

This course expands the strategic and tactical insights on digital business to provide the students with nuanced academic and practical understandings of the underlying mechanisms of business and organizational work in the context of widespread digitalization.

CYBER SECURITY, REGULATION, AND POLICY IN DIGITAL BUSINESS

In this course, students will gain conceptual and practical knowledge about the role of information- and cybersecurity, technology policy and regulation, and how to engage with these in a business setting. The

course will equip students with the knowledge and tools to analyze and confront the most pertinent questions in information- and cyber security and the most important political debates about the regulation of tech companies, from gatekeeper rules for the largest platforms to software security requirements affecting the smallest startups.

INTEGRATED PROJECT

The integrated project is a group project where students self-select a problem, challenge, or opportunity in the landscape of digital business. In the course of the project, the students must articulate a relevant research question or outline a research agenda, engage in practical or empirical work (e.g. construction of a digital artefact or data collection), and present results and implications.

ELECTIVES

Elective courses can be chosen among electives offered by the MSc programme in Business Administration and Digital Business, other programs at CBS, other Danish universities, or universities abroad. Students can choose electives about technology, business or policy. The elective courses do not have to combine two different academic disciplines. The electives should be relevant for the competency profile. The curriculum in the electives may not overlap with the compulsory curriculum, and enrolment must be pre-approved by the Study Board.

INTERNSHIPS

Internships can be approved as electives for up to 15 ECTS. The Study Board sets specific criteria for the approval of interhips. The criteria are available on the student intranet.

MASTER'S THESIS

At the fourth semester, students write their Master's Thesis.