

Aim of the program

This Major on «Business Information Systems for the Digital Era» allows the students to obtain professional and technical competence in strategic decision making, designing, managing and implementing data governance programs and appreciate business intelligence and analytics for creating organizational value to enterprise facing challenges due to digital transformation and other IS issues and trends.

This co-op program will ensure both managerial as well as basic business analytical knowledge, skills and attitudes that are crucial for a career in information systems. This program will use varying pedagogical approaches so as to balance the context of the topic and individual course's goals and objectives. Few highlights of the program are:

- > Pedagogical flexibility allows for cross-over and context-based learning enriching the connections between the professional and classroom learning, thus enhancing the independent learning abilities to advance the knowledge and understanding of specific areas of information systems and the contemporary problems;
- > Managerial and social skills acquired through the program;
- > Personalized learning with guidance on chosen professional project;
- > A fully English medium of teaching and learning prepares students for truly global markets;
- > Provide cross cultural trainings to develop the cultural intelligence of the participants.

Career and placements

On completion of this program, the students are open to do management consulting with a focus on IS or take up general or a more focused managerial positions in any global organization. Following is a non- exhaustive list of the positions one may be interested in the IS domain.

- > Consultant in IS management
- > IT/IS Project Manager
- > Digital Marketing and Strategy Manager
- > IS Strategy Expert
- > IT Resource/Risk Manager
- > IS Manager
- > Social Media Systems Manager
- > Change Manager
- > Bigdata Program Manager
- > Business Analyst
- > Data Steward
- > Data Governance Expert
- > Knowledge Manager
- > Digital Intelligence Officer

Pedagogical approach

Focus on cross-over and context based learning.

Industry experts intervene to provide a realistic and emerging real life IS scenarios faced by IS managers (50% classes taken by full-time academic faculty).

Benefits from co-tutorship model.

Integration of latest research in the IS domain to teaching.

Emphasize on case study discussion and learning by argumentation that can help students in engagement and self reflection. It also encourages scientific methods of inquiry and communication.

Encourage collaborative projects and increase cultural sensitivity.

The final project is in the form of a professional Cap Stone Project/ Master Synthesis Thesis that allows the students to demonstrate their learning in the context of their professional engagement. The evaluation of the thesis would be based on the pre-defined and communicated learning goals and learning objectives of the program, assessed by a panel of experts from academia and the industry.

Contact

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NAME OF THE COURSE, MODULE & THEIR COMPONENTS	NUMBER OF HOURS	CREDITS ECTS
DIGITAL STRATEGY	63	5
Organization Strategy and IS strategy	21	1
Digital Transformation	21	2
Digital Resources Management	21	2
IT SERVICES AND RESOURCES	133	8
Fundamentals of IS & Applications	49	3
Business Intelligence Systems	42	3
Enterprise Architecture and Standards	21	1
Digital enabled Innovation and Design Thinking	21	1
DATA GOVERNANCE, ANALYTICS AND SECURITY	84	7
Data Governance Strategy and value	21	2
Data Governance Design & Implementation	21	2
Data Governance Evaluation and Cyber trust	21	1
Data Governance: Emerging Challenges	21	2
PROFESSIONAL SKILLS, LEADERSHIP & ETHICS	56	3
Personal Skills & Mindfulness	14	1
Interpersonal Skills & Cultural intelligence	14	1
Global Learning Opportunities	14	0
Ethics and Sustainable Development	14	1
INTERNATIONAL WEEK	21	2
CAPSTONE PROJECT – MASTER THESIS	63	5
Applied Research in Organizations	21	2
Thesis Writing Fundamentals	21	1
Thesis Preparation & Defense	21	2
Professional Thesis	Minimum of 5 months	30
TOTAL ACADEMIC TEACHING	420	60



Digital market has never been so unstable due to more and more demanding users and new disruptive competitors. Business are constantly looking for creative and sustainable solutions to overcome the challenges of digital transformations. Managers need the digital intelligence to make appropriate decisions and embrace new emerging technological trends such as Big Data, IoTs, Artificial Intelligence, Block Chain, in order to capture business value. In this context, the knowledge and competence to effectively manage business information system (BIS) including the management of data governance programs is very crucial for the success of every firm in the digital era. Our goal in this program is to empower students to be valuable actors in field of information systems management and to provide them the most sought competences for the 21st century.



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