

## AIS Collection of IS Institutions and Educational Resources

Institution Name	College/School	Department
University of Hamburg	Hamburg Business School	Chair for Information Systems and Digital Innovation
Country	AIS Region	Full Postal Address
Germany	Region 2: Europe, Africa, The Middle East	Von-Melle-Park 5 Hamburg, Hamburg, 20146 Germany
Web Link:	Contact	
<a href="http://www.uni-hamburg.de">www.uni-hamburg.de</a>	Jan Recker  jan.christof.recker@uni-hamburg.de	

### Institution Summary

The University of Hamburg (German: Universität Hamburg, also referred to as UHH) is a public research university in Hamburg, Germany. The main campus is located in the central district of Rotherbaum, with affiliated institutes and research centres distributed around the city-state. Seven Nobel Prize winners and one Wolf Prize winner are affiliated with UHH. In 2019, UHH was inducted into German Excellence Strategy of the Federal and State Governments, a competition for top-level university research funding in Germany, with four distinct clusters of Excellence. As of July 2019, UHH is one of eleven universities to be awarded the status of University of Excellence.

### Programs and Courses Summary

University of Hamburg offers programs and courses on under-graduate, post-graduate and PhD level plus executive education programs, both on-campus and remotely.

## Information Systems Programs

Program Name	Bachelor of Science in Information Systems	Master of Science in Information Systems
Program Description	<p>With the Bachelor's degree programme, the University of Hamburg offers an innovative business informatics course with a recognisable Hamburg profile, which is geared towards practice and all the players to be found there, while at the same time imparting sound methodological knowledge on a scientific platform. These guidelines apply:</p> <p>Practice-orientation: The degree programme is designed to equip students with the tools to deal with the diversity of problems in practice in a scientifically sound manner.</p> <p>Method and theory orientation: The teaching of theoretical and methodological principles should enable students to deal with the high speed of technical application development and to work scientifically.</p> <p>Project orientation: In the practical and project modules, students are given the opportunity to select or create methods, tools, models and software products for solving complex tasks, to apply them in practice and to test them.</p> <p>Specialisation: Students can choose half of the 180 credit points in the curriculum according to their interests: Internship and project (together 15 credit points), compulsory elective area (66 credit points) and free elective area (9 credit points) give students the opportunity to set an individual specialisation</p>	<p>The consecutive Master of Science in Information Systems has been offered by Universität Hamburg since winter semester 2009/10. The thriving cooperation between the Faculty of Mathematics, Informatics and Natural Sciences (MIN) and the newly established Faculty of Business Administration (Hamburg Business School) fostered in the undergraduate program is continued and strengthened in the master's program.</p> <p>The program covers:</p> <p>advanced modules on specific aspects of information systems modules from the MSc in Informatics and the MSc in Business Administration writing up the master's thesis (undertaken during the fourth semester)</p> <p>An important module on this program is the project, in which small student groups solve practical problems. The program has two thematic foci:</p> <p>computational logistics development and management of IT systems</p>
Level	BA	MA
Teaching Mode	On campus	On campus
Semester duration of program	6	4

Information Systems Courses

Course Name	Technology and Innovation Management	Advanced Topics in Technology and Innovation Management	Digital Innovation Lab
<p><b>Course Description</b></p>	<p>The unit introduces and discusses knowledge relevant to organizational leaders, directors, and other roles about managing technology-enabled organizing phenomena such as IT-enabled innovation, transformation, strategy, or other change processes.</p> <p>It will introduce key characteristics of technology in our current so-called digital age. It will discuss which technology-related resources and capabilities organizations require to maintain or improve their business models. It will explain how digital innovation, transformation, infrastructure, and ecosystem management must be managed.</p>	<p>This unit explores advanced topics and emerging scientific knowledge about digital innovation, digital transformation, and digital entrepreneurship as modern forms of technology and innovation management. This knowledge is relevant to organizational leaders, directors, and other roles about managing technology-enabled organizing. The unit pursues three aims:</p> <p>To offer students who completed the basic module “Technology and Innovation Management” an opportunity to explore selected topics in much more detail.</p> <p>To offer students an opportunity to meet, identify, explore, and critically discuss latest world-class faculty research on digital innovation, digital transformation, and digital entrepreneurship.</p> <p>To provide students with additional scientific method competencies and content competencies about digital innovation, digital transformation, and digital entrepreneurship, which they can utilize for their master theses or future scientific or professional careers.</p>	<p>In this course, we simulate a project-based digital innovation lab. The objective is to develop a functioning novel digital innovation prototype (containing both hardware and software component) that addresses a chosen sustainable development challenge. With this objective, we have two specific foci.</p> <p>Address a Sustainable Development Challenge Develop a Digital Artifact as a Solution to the Sustainable Development Challenge</p> <p>Over the course of the semester, student teams will continuously work on developing their digital innovation solution. The course will include a range of accompanying help and assistance formats including lectures, tutorials, and interactive workshops.</p>
<p><b>Learning objectives</b></p>			
<p><b>Level</b></p>	MA	MA	MA
<p><b>Teaching Mode</b></p>	On campus	On campus	On campus

<b>Course Name</b>	Digital Innovation, Transformation and Entrepreneurship	How to publish in A journals
<b>Course Description</b>	<p><b>DURATION AND TIME</b></p> <p>Every Monday 9.00 – 11:30am ET, between February 6 and April 26. Total duration: Ten sessions a 2.5 hours plus preparation plus paper development. The seminar will be held online via Zoom. Attendance of all sessions is expected.</p> <p><b>SEMINAR OBJECTIVES</b></p> <p>This doctoral seminar on digital innovation, transformation, and entrepreneurship is designed to help doctoral students:</p> <ul style="list-style-type: none"> <li>become familiar with the main research streams and contributing scholars in digital innovation, transformation, and entrepreneurship;</li> <li>develop a personal perspective on these topics; and</li> <li>explore their relationship to other intellectual streams in management disciplines such, as information systems, operations, marketing, strategy and entrepreneurship.</li> </ul> <p>In addition to covering a subset of the IS digital innovation, transformation, and entrepreneurship research literature, the seminar also covers relevant foundations of innovation, transformation, entrepreneurship scholarship that will assist the participants in developing and writing a seminar paper.</p>	<p>Publishing your research in so-called “A-journals” is tough. Designing and conducting an original study with a good idea is not enough, you also need to publish your findings to be successful as a researcher. The goal of this PhD Course is to develop your academic publishing skills and learn how to write good research articles such that they meet requirements of “A-journals” in terms of theoretical contributions, problematization, methodological rigor and interestingness. Your learning objective is to develop your skills in appreciating, critiquing, and composing research articles in business and management disciplines. The course will allow you to develop and improve your skills in publishing your current and future research findings in targeted at top-level scientific journals.</p> <p>The PhD Course is taught in a seminar style where we present, discuss, and critique seminal guidelines, apply what we have learned to improve and extend our own publishing skills, and work together to reach a deeper understanding of academic publishing practice.</p>
<b>Learning objectives</b>		
<b>Level</b>	PhD	PhD
<b>Teaching Mode</b>	virtual	On campus