Information Systems Science

Code: 37
Responsible professor: Virpi Tuunainen

Research of the ISS group deals with adoption, use and impacts of ICT on consumers, companies, and society at large. We use multi-disciplinary approaches and apply theories from a number of reference disciplines, including management, organization sciences, marketing, and economics. Wide range of both qualitative and quantitative methods are used and often triangulated.

Our research has a strong focus on empirical studies and active cooperation with companies. Our faculty has an extensive network of international research contacts, offering the possibility to participate in larger research projects and visit an affiliate university.

Post-graduate studies in ISS consist of the research seminar and three courses: the Scientific Reading and Writing in ISS, Critical issues in Information Systems Science or Current Topics in Information Systems Sciences, and Research Methods in ISS. With regard to the optional course requirements, studies can be based on national ISS collaboration that takes place through a number of different seminars and workshops organized e.g. by INFORTE (w ww.inforte.fi). Forthcoming events will be informed during research seminars.

Degree requirements

Common studies 12 ECTS

Specialization area studies 48 ECTS

Specialization area studies (48 ECTS) include Common studies in specialization area (business) (12 ECTS) and Disciplinary studies (information systems science) (30 ECTS).

Disciplinary studies (information systems science)

First, this section consists of the following compulsory courses (18 ECTS credits):

Compulsory courses 18 ECTS credits:

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>ECTS</th>
<th>Period</th>
<th>Additional information</th>
</tr>
</thead>
<tbody>
<tr>
<td>37L20011</td>
<td>Research Seminar</td>
<td>0</td>
<td></td>
<td>All post-graduate students must present their research at least once per academic year</td>
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<tr>
<td>37E45011</td>
<td>Scientific Reading and Writing in ISS</td>
<td>6</td>
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<tr>
<td>37E44000 OR</td>
<td>Critical issues in Information Systems Research</td>
<td>6</td>
<td>No teaching 2021-2022</td>
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<tr>
<td>37E01000</td>
<td>Current Topics in Information Systems Science</td>
<td>6</td>
<td>No teaching 2021-2022</td>
<td></td>
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<tr>
<td>37E46011</td>
<td>Research Methods in ISS</td>
<td>6</td>
<td>I-V</td>
<td></td>
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As some of the courses are not taught every year, the student may substitute any of the above courses with a corresponding course in another university or a similar course at Aalto University School of Business. Please consult Professor Tuunainen before taking a course (at Aalto or elsewhere) to compensate for one of the courses above.

Research Topic Studies 12 ECTS;

In addition, the disciplinary studies consist of 12 ECTS credits worth of research topic studies (37L410), which can consist of any advanced, optional ISS courses, national or international ISS seminars, book exams, working papers and other publications. Students require confirmation on the study content from their supervising ISS professor. See more details from MyCourses at https://mycourses.aalto.fi/course/view.php?id=3795

Contact

Information systems science programme is organized by Department Information and Service Management

Doctoral studies in Information systems science: Professor Virpi Tuunainen (firstname.lastname@aalto.fi)

Other contact information is listed on page Contact.