Information Systems Science

Code: 37
Responsible professor: Professor Virpi Tuunainen

The PhD Program in accounting at Aalto BIZ offers interdisciplinary training that develops the student’s skills in conducting both financial accounting and management accounting research. As an academic field, accounting is a multidisciplinary subject that focuses on understanding and studying the role of accounting information in the economy and society. Accounting draws from many fields and disciplines: Financial accounting is aligned with economics and finance more closely than ever before while organizational and sociological theories contribute to management accounting.

The PhD Programme in accounting at Aalto BIZ provides students with in-depth knowledge of current accounting research and research methodology with the aim of enabling the students to contribute to scientific knowledge in their field of study from an international perspective. In practice this goal translates into students’ ability to publish their research in high-quality academic accounting journals. To help achieve this goal, students work closely with accounting faculty.

Faculty research at Aalto BIZ represents a broad spectrum of interests and research methods in the areas of financial and management accounting. The emphasis of research in financial accounting is on financial reporting and analysis, broadly defined. Recent research addresses various topics in international accounting (IFRS), auditing, and corporate governance. Research in the field of management accounting focuses on cost management, management control systems, performance measurement, and capital investment decision making. Recent research topics include, for example, the use and role of management accounting information in the Finnish healthcare sector.

Degree requirements

General research studies 18 ECTS credits

General research studies are listed here.

Research field studies 42 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>37E45011</td>
<td>Scientific Reading and Writing in ISS</td>
<td>6</td>
<td>on demand</td>
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<tr>
<td>37E44000</td>
<td>Critical Issues in Information Systems Research</td>
<td>6</td>
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<td>OR</td>
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<tr>
<td>37E01000</td>
<td>Current Topics in Information Systems Science</td>
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<td></td>
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<tr>
<td>37E46011</td>
<td>Research Methods in ISS</td>
<td>6</td>
<td>INFORTE etc.</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 24 ECTS;

In addition, the disciplinary studies consist of 12 ECTS credits worth of research topic studies, 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.