

Information Technology Programme (ITP)

Basic information of the minor

Code: BIZ30004E (Bachelor's students) BIZ40009E (Master's students)

Extent: 24 ECTS *)

Language: English

Organizing department: Information and Service Management

Teacher in charge: Laura Sivula

Administrative contact: Elli Hämäläinen

Target group: All Aalto students

Application procedure: itp.aalto.fi

Quotas and restrictions: Minimum 60 ECTS of Bachelor's studies must be completed

*) ITP studies can be extended to 30 ECTS with extra work (47C58100 ITP Book Exam 6 ECTS)

Content and structure of the minor

Information Technology Programme (ITP) is a full time academic summer programme organised in close cooperation with companies in the fields of information technology based businesses and digital design. The purpose of ITP is to provide students with a strong applied understanding of current information technologies. The programme provides concepts and approaches that enable students with diverse backgrounds to operate effectively in the global business environment now and in the future. Students gain valuable real life project experience in the business project course executed during the programme.

All courses are run in the form of intensive modules. A normal one semester university course is compressed to three weeks of full time study. Each course includes 42 contact hours (3.5 hours a day, four days a week) excluding group work and individual assignments. Approximate workload for ITP is 6-9 hours a day throughout the summer. In addition to theoretical studies in ITP courses all students complete a business project for cooperating companies under the programme supervision.

Students need to apply for the programme. Application period is open each year in early spring. More information and current application and programme dates are available on the programme website itp.aalto.fi.

Structure of the minor

Choose one of the following specialisation tracks Information & Service Business, Strategy & Experience Design, or Digital & Interactive Ecosystems.

| Code | Name | Credits |
|---|--|---------|
| Information & Service Business | | |
| 47C58200 | Managing Software and Service Business | 6 |
| 47C52000 | Achieving Strategic Advantage Through Distributed Technologies | 6 |
| 47C58600 | Data-Driven Decision Making | 6 |
| 47C48000 | ITP Business Project | 6 |
| Strategy & Experience Design | | |
| 47C58300 | Strategic Design | 6 |
| 47C58400 | User Experience Design | 6 |
| 47C58500 | Prototyping and Implementation | 6 |
| 47C48000 | ITP Business Project | 6 |

Digital & Interactive Ecosystems

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|--------------------------|------------------------------|---|
| 47C59000 | Digital Marketing Strategies | 6 |
| 47C59300 | Platforms and Ecosystems | 6 |
| 47C59200 | Web and Mobile Analytics | 6 |
| 47C48000 | ITP Business Project | 6 |
