

Business Information Technology, Pasila campus

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| Name of qualification: | Bachelor of Business Administration (BBA) and the Finnish title of tradenomi |
| Level of qualification: | Bachelor's degree |
| ECTS credits: | 210 ECTS credits |
| Official length of programme: | 3.5 years |
| Mode of study | Full-time day programme <ul style="list-style-type: none">• See degree regulations• See assessment process |
| Assessment: | |
| Programme requirements: | Two academic years intensive studies, Work placement, Bachelor's Thesis, Maturity test |
| General arrangements for the accreditation of prior learning: | See HAAGA-HELIA's general arrangements of the accreditation of prior learning Act of Polytechnics 9.5.2003/351 20§ |
| Admission requirements: | <ul style="list-style-type: none">• Before applying see the admission criteria at www.studyinfo.fi !• Non-Degree studies in Haaga-Helia• Master's Degree: Degree Programme in Information Systems Management, Helsinki Pasila• University studies |
| Access to further study: | |
| Internationalization: | The programme is international and multicultural. Students typically come from all five continents and they are eager to share their experiences and skills with fellow students and teachers and, of course, learn new skills in multicultural teams. The programme has close connections to many international universities. They offer opportunities to our students to go to student exchange and increasingly participate in international research and development projects. It is also possible for the students to apply for Double Degree studies; for example, we have a Double Degree agreement with Hes-so in Switzerland. |
| Employment opportunities after graduation: | Our graduates typically find their first jobs in different size ICT companies either in Finland or abroad or they may choose the option to become entrepreneurs. As ICT is an evolving and growing field of business, ICT career provides also interesting opportunities for lifelong learning and a change to change the world in numerous ways. |
| Cooperation with working life and other associates: | Students will learn a lot in real-life projects and also in innovative lab environments. The real-life projects come from our partner companies and our students learn how to work with professionals with challenging |

targets and goals. Furthermore, our programme encourages individual IT development work extensively.

Profile of the Degree Programme in Business Information Technology (BIT)

Key learning outcomes of the Programme

BIT programme provides student with the theoretical and practical knowledge required to operate in the ICT-field. Programme works in close co-operation with the business life and some of the courses are made by the visiting lecturers. Studies offer general skills needed in expert duties, such as co-operation and communication skills, initiative and ability to work independently. Graduates of BIT programme are currently working in several fields in Finland and abroad.

A BBA from Business Information Technology Programme

- is capable to work either in ICT user organizations or in ICT services companies as an expert in her/his field
- manages overall development process of ICT systems and is able to work effectively in his field, in which more accurate on-line information is gathered from various places and equipments
- can participate in business process development and can support decision makers to make justified decisions regarding packaged application selection, implementation and usage
- knows a variety of web and mobile development environments and technologies including database tools, both proprietary and open source
- is able to become a private entrepreneur
- can operate both in Finnish and English.

In addition to the wide knowledge of programs and business applications, student can choose between two different study paths for specialisation.

- [Web Application Developer](#)
- [Business IT Consultant](#)

Professional growth

Professional growth of a BIT student is encouraged by down-to-earth assignments, close co-operation with the business life and work placement. The base of an IT-professional is built during the first semesters with compulsory courses. During the latter part of the degree, students will deepen their knowledge of their chosen specialisation as well as study courses of their choice.

Annual themes

Personal Development of a BIT student can be divided into 6 categories according to the level of IT knowledge. Studies start with a general introduction to programs and business applications. Programming is also introduced to the students. As the know-how of students gets deeper, more applications and programs are being introduced. 5th semester is dedicated to Work Placement made either in Finland or abroad. After a peek to working life, students are encouraged to choose their free-choice courses and do their specialisation studies.

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|--------------|----------------------------------|
| 1st semester | Introduction to Business and ICT |
|--------------|----------------------------------|

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|------------------|---|
| 2nd semester | Developing Business and Information Systems |
| 3rd semester | Working with Enterprise Architectures |
| 4th semester | Developing a Business Solution and Selecting the Study path |
| 5th semester | Work Placement |
| 6th-7th semester | Deepening professional profile |

- [Student's professional development](#)
- [Structure, Content and Extent of the Degree Programme \(BIT 2007 curriculum\)](#)
- [Structure, Content and Extent of the Degree Programme \(BIT 2013 curriculum\)](#)
- [Recommended Study Schedule \(BIT 2007 curriculum\)](#)
- [Recommended Study Schedule \(BIT 2013 curriculum\)](#)

Student's professional development



Studies during the first three semesters are compulsory for all of the students. It is strongly recommended that students follow the curriculum given. Moreover, the course timetables are designed according to the curriculum for each semester. Students may choose their study paths from the 4th semester onwards. Study paths constitute of 30 ects. In addition to this, students can take free-choice courses from current course selection. Intention of the free-choice courses is to deepen the knowledge of specific field of studies. In case student has previous studies from similar field of studies or he/she has worked in a field, some of the courses can be passed by recognition of prior learning procedure

Business IT Consultant's Study Path

educates students for ICT consulting profession. These consultants will work either with internal or external customers to create and develop ideal business solutions. Professional profile focuses on good communication skills, deep knowledge of ICT infrastructure, architectures and applications. Based on these skills graduates are able to create effective and optimal system solutions for business needs. Graduates understand and can enhance both human and organizational change processes when new applications are implemented and they know how to train and support users.

Web Application Developer's Study Path

educates students to develop Internet based business applications. The aim is that graduates are capable to understand various business needs, can translate them into system requirements and are able to design and program effective, user friendly and thoroughly tested applications. They can create secure and reliable applications and they have skills and knowledge for training and supporting the system users.

Recommended Study Schedule (BIT 2007 curriculum)

Business Information Technology

(students who began their studies before Autumn 2013)

| ----- 1st Semester ----- | Code | Extent |
|---|---------------------------|--------|
| Orientation to Studying in HAAGA-HELIA 1 | INS1TF100 | 1 |
| HAAGA-HELIA Tools | INS1TF003 | 5 |
| Introduction to Business and Business Processes | BUS1TF001 | 5 |
| Intercultural Awareness | CUL1TF001 | 3 |
| Introduction to Web Site Development | ITP1TF001 | 5 |
| Introduction to Programming | ITP1TF011 | 5 |
| Swedish Level Test | SWE1TD061 | 0 |
| English Level Course | ENG8TF003 | 3 |
| Swedish Level Course | SWE8TD062 | 3 |
| Non-Finnish Speakers | | |
| Introduction to the Finnish Language 1 | FIN4TF001 | 3 |
| Introduction to the Finnish Language 2 | FIN4TF002 | 3 |
| Finnish Speakers | | |
| Finnish and Communication 1 | COM4TF001 | 3 |
| ----- 2nd Semester ----- | | |
| Orientation to Studying in HAAGA-HELIA 2 | INS1TF200 | 1 |
| Basics of Computers | DAT1TF010 | 4 |
| English 1 | ENG1TF058 | 3 |
| Developing a Web Application | ITP1TF012 | 12 |
| Managing Business Information Systems Development | SYS1TF010 | 5 |
| Non-Finnish Speakers | | |
| Finnish 3 | FIN4TF003 | 3 |
| Finnish 4 | FIN4TF004 | 3 |
| Finnish Speakers | | |
| IT Swedish | SWE4TF044 | 3 |
| ----- 3rd Semester ----- | | |
| Business Process Design and Modelling | BUS1TF002 | 5 |
| Managing User Workstation | DAT1TF011 | 5 |
| English 2 | ENG1TF001 | 2 |
| Developing an e-Business Application | ITP1TF013 | 12 |
| Non-Finnish Speakers | | |
| Finnish 5 | FIN4TF005 | 3 |
| Finnish 6 | FIN4TF006 | 3 |
| Free-choice professional studies | | |
| Spoken Finnish | FIN8TF100 | 3 |
| Finnish Speakers | | |
| Finnish and Communication 2 | COM4TF030 | 3 |
| ----- 4th Semester ----- | | |

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|--|---------------------------|----|
| Building a Server Environment | DAT1TF012 | 3 |
| Business IT Report | INS2TF010 | 5 |
| Business Mathematics | MAT1TF002 | 4 |
| Information System Development Project | SYS1TF080 | 12 |
| Elective Professional Studies | | |
| Business IT Consultant | | |
| ERP Application and Business Process Development | SYS4TF070 | 6 |
| Web Application Developer | | |
| Advanced Web Technologies | ITP4TF014 | 6 |
| ----- 5th Semester ----- | | |
| Work Placement | PLA6TF001 | 30 |
| ----- 6th - 7th Semester ----- | | |
| Elective Professional Studies | | |
| Business IT Consultant | | |
| Supply Chain Management Processes | BUS4TF004 | 6 |
| Financial and Management Accounting Processes | BUS4TF005 | 6 |
| Introduction to IT Strategic Thinking | BUS4TF007 | 6 |
| Corporate and IT Security | SYST8F010 | 5 |
| Web Application Developer | | |
| Corporate and IT Security | SYS8TF010 | 5 |
| Database Developer | ITP4TF150 | 6 |
| Software QA and Testing | ITP4TF499 | 5 |
| Mobile Development | ITP8TF155 | 6 |
| Free-choice Professional Studies (example)* | | |
| Big Data | BUS8TF100 | 5 |
| Business Intelligence | BUS8TF017 | 6 |
| Customer Relationship Management Processes | BUS8TF008 | 4 |
| Excel in Business | TOO8TF006 | 3 |
| Java Programming | ITP8TF301 | 4 |
| Linux Basics | DAT8TF063 | 3 |
| Project and Programme Management | BUS8TF006 | 6 |
| Requirements Analysis | BUS8TF300 | 6 |
| Sales and Service Development | BUS8TF158 | 3 |
| SAP ERP Basics | SYS8TF100 | 7 |
| SAP ERP Advanced | SYS8TF200 | 5 |
| Selling Professional IT Services and Solutions | BUS8TF159 | 3 |
| Usability | SYS8TF250 | 5 |
| Web Security | SYS8TF011 | 5 |
| Thesis | | 15 |
| Thesis Seminar and Workshop | THE7TF900 | 0 |

*Elective course offering may vary between semesters

Recommended Study Schedule (BIT 2013 curriculum)

Business Information Technology (for students who begin their studies in Autumn 2013 or after)

| Course Name | Code | Extent |
|--|---------------------------|--------|
| ----- 1st Semester ----- | | |
| Orientation to Studying in HAAGA-HELIA 1 | INS1TF100 | 1 |
| Office Tools | INS1TF103 | 5 |
| Introduction to Business | BUS1TF102 | 6 |
| Intercultural Awareness | CUL1TF001 | 3 |
| Introduction to Web Site Development | ITP1TF101 | 6 |
| Basics of Computers | DAT1TF010 | 4 |
| English Level Test | ENG1TF100 | 0 |
| English Level Course | ENG8TF003 | 3 |
| Non-Finnish Speakers | | |
| Introduction to the Finnish Language 1 | FIN4TF001 | 3 |
| Introduction to the Finnish Language 2 | FIN4TF002 | 3 |
| Finnish Speakers | | |
| Finnish and Communication 1 | COM4TF001 | 3 |
| Swedish Level Test | SWE1TD061 | 0 |
| Swedish Level Course | SWE8TN062 | 3 |
| ----- 2nd Semester ----- | | |
| Orientation to Studying in HAAGA-HELIA 2 | INS1TF200 | 1 |
| Introduction to Programming | ITP1TF111 | 8 |
| Introduction to User Centered Design | SYS1TF255 | 6 |
| English 1 | ENG1TF058 | 3 |
| Business Information Systems | SYS1TF110 | 6 |
| Non-Finnish Speakers | | |
| Finnish 3 | FIN4TF003 | 3 |
| Finnish 4 | FIN4TF004 | 3 |
| Finnish Speakers | | |
| Finnish and Communication 2 | COM4TF030 | 3 |
| IT Swedish | SWE4TF044 | 3 |
| ----- 3rd Semester ----- | | |
| Business Process Management | BUS1TF103 | 5 |
| Managing User Workstation | DAT1TF011 | 5 |
| English 2 | ENG1TF102 | 3 |
| Developing a Web Application | ITP1TF012 | 12 |
| Non-Finnish Speakers | | |
| Finnish 5 | FIN4TF005 | 3 |
| Finnish 6 | FIN4TF006 | 3 |
| Finnish Speakers | | |
| Finnish Business Communication | COM4TF033 | 3 |
| ----- 4th Semester ----- | | |

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|--|---------------------------|----|
| Building a Server Environment | DAT1TF012 | 3 |
| Research Seminar | INS2TF110 | 6 |
| Business Mathematics | MAT1TF002 | 4 |
| Project Management | BUS1TF106 | 6 |
| Elective Professional Studies | | |
| Business IT Consultant | | |
| Customer Relationship Management | BUS8TF008 | 6 |
| Enterprise Resource Planning (ERP) 1 | SYS4TF170 | 6 |
| Web Application Developer | | |
| Web Application Project | ITP4TF113 | 12 |
| Free-choice Professional Studies | | |
| Spoken Finnish | FIN8TF100 | 3 |
| ----- 5th Semester ----- | | |
| Work Placement | PLA6TF001 | 30 |
| ----- 6th Semester ----- | | |
| Elective Professional Studies | | |
| Business IT Consultant | | |
| Financial and Management Accounting | BUS4TF105 | 6 |
| Supply Chain Management | BUS4TF104 | 6 |
| Web Application Developer | | |
| Database Developer | ITP4TF150 | 6 |
| Software QA and Testing | ITP4TF499 | 6 |
| Free-choice Professional Studies (example) | | |
| Sales and Service Development | BUS8TF158 | 3 |
| Enterprise Resource Planning (ERP) 2 | SYS8TF171 | 6 |
| Corporate and IT Security | SYS8TF010 | 5 |
| Linux Basics | DAT8TF063 | 3 |
| Requirements Analysis | BUS8TF300 | 6 |
| ----- 7th Semester ----- | | |
| Thesis | | 15 |
| Thesis seminar and workshop | THE7TF900 | 0 |
| Elective Professional Studies | | |
| Business IT Consultant | | |
| Business Intelligence | BUS8TF017 | 6 |
| IT Management | BUS8TF107 | 6 |
| Web Application Developer | | |
| Software Engineering Project | SYS4TF222 | 12 |
| Free-choice Professional Studies (example)* | | |
| Selling Professional IT Services and Solutions | BUS8TF159 | 3 |
| Enterprise Resource Planning (ERP) 3 | SYS8TF172 | 6 |
| Mobile Development | ITP8TF155 | 6 |
| Web Security | SYS8TF172 | 5 |
| Advanced Web Technologies | ITP8TF114 | 6 |
| Java Programming | ITP8TF301 | 4 |

*Elective course offering may vary between semesters

Structure, Content and Extent of the Degree Programme (BIT 2007 curriculum)

Business Information Technology

| Foreign Students | Credit points |
|--|----------------------|
| Core Studies | 92 |
| Compulsory Core Studies | 74 |
| Orienting Studies | 2 |
| General IT studies | 5 |
| Web Application Development Studies | 22 |
| Business IT Studies | 15 |
| Architectures and Networks Studies | 12 |
| Business Mathematics | 4 |
| Culture Studies | 3 |
| Research Report | 5 |
| English Language Studies | 6 |
| Elective Languages and Communication studies | 18 |
| Finnish Language and Communication studies | 18 |
| Professional Studies | 58 |
| Compulsory Professional Studies | 24 |
| Information System Development Studies | 24 |
| Elective Professional Studies | 30 |
| Web Application Developer | 30 |
| Business IT Consultant | 30 |
| Free Choice Professional Studies | 4 |
| Free Choice Studies | 15 |
| Work Placement | 30 |
| Thesis | 15 |
| Total | 210 |

Business Information Technology

| Finnish Students | Credit points |
|-------------------------------------|----------------------|
| Core Studies | 83 |
| Compulsory Core Studies | 74 |
| Orienting Studies | 2 |
| General IT studies | 5 |
| Web Application Development Studies | 22 |
| Business IT Studies | 15 |
| Architectures and Networks Studies | 12 |
| Business Mathematics | 4 |
| Culture Studies | 3 |
| Research Report | 5 |
| English Language Studies | 6 |

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|--|-----|
| Elective Languages and Communication studies | 9 |
| Finnish Language and Communication studies | 9 |
| Professional Studies | 58 |
| Compulsory Professional Studies | 24 |
| Information System Development Studies | 24 |
| Elective Professional Studies | 30 |
| Web Application Developer | 30 |
| Business IT Consultant | 30 |
| Free Choice Professional Studies | 4 |
| Free Choice Studies | 24 |
| Work Placement | 30 |
| Thesis | 15 |
| Total | 210 |

Note on Free Choice Studies

The amount of free choice studies is 15 credit points for foreign students and 24 for Finnish students. This is due to the differences in language studies. Students whose mother tongue is Finnish and who have completed Finnish upper secondary education or the Finnish Matriculation examination have language and communication studies for 9 credit points. Foreign students have language and communication studies for 18 credit points.

For Finnish students it is strongly recommended that they take additional foreign language studies to cover the difference of 9 credit credit points compared to foreign students' language studies

Structure, Content and Extent of the Degree Programme (BIT 2013 curriculum)

| | Foreign Students | Credit points |
|---------------------------------|--|----------------------|
| Core Studies | | 105 |
| Compulsory | Core Studies | 87 |
| | Orienting Studies | 2 |
| | General IT studies | 5 |
| | Web Application Development Studies | 32 |
| | Business IT Studies | 17 |
| | Architectures and Networks Studies | 12 |
| | Business Mathematics | 4 |
| | Culture Studies | 3 |
| | Research Seminar | 6 |
| | English Language Studies | 6 |
| Elective Core studies | | 18 |
| | Finnish Language and Communication studies | 18 |
| Professional Studies | | 42 |
| Compulsory Professional Studies | | 6 |
| | Project Management | 6 |
| Elective Professional Studies | | 36 |
| | Web Application Developer | 36 |
| | Business IT Consultant | 36 |
| Free Choice Studies | | 18 |
| Work Placement | | 30 |
| Thesis | | 15 |
| Total | | 210 |

| | Finnish Students | Credit points |
|--------------|-------------------------------------|----------------------|
| Core Studies | | 99 |
| Compulsory | Core Studies | 87 |
| | Orienting Studies | 2 |
| | General IT studies | 5 |
| | Web Application Development Studies | 32 |
| | Business IT Studies | 17 |
| | Architectures and Networks Studies | 12 |
| | Business Mathematics | 4 |

| | |
|--|-----|
| Culture Studies | 3 |
| Research Seminar | 6 |
| English Language Studies | 6 |
| Elective Core Studies | 12 |
| Finnish Language and Communication studies | 9 |
| IT Swedish | 3 |
| Professional Studies | 42 |
| Compulsory Professional Studies | 6 |
| Project Management | 6 |
| Elective Professional Studies | 36 |
| Web Application Developer | 36 |
| Business IT Consultant | 36 |
| Free Choice Studies | 24 |
| Work Placement | 30 |
| Thesis | 15 |
| Total | 210 |

Note on Free Choice Studies

The amount of free choice studies is 18 credit points for foreign students and 24 for Finnish students. This is due to the differences in language studies. Students whose mother tongue is Finnish and who have completed Finnish upper secondary education or the Finnish Matriculation examination have language and communication studies for 12 credit points. Foreign students have language and communication studies for 18 credit points.

For Finnish students it is strongly recommended that they take additional foreign language studies to cover the difference of 6 credit points compared to foreign students' language studies.

Exchange semester

Students with Finnish educational background studying in the full-time day programme must include either an exchange study period or work placement abroad in their degree studies. **This regulation applies to the students who begin their studies in Autumn 2013 or after.**

The wide network of international partner institutions all over the world helps all degree students to find a suitable university for the exchange semester.

Taking courses from degree programmes conducted in Finnish

A BIT student can include a maximum of 15 credits from courses taught in degree programmes conducted in Finnish in her / his curriculum.

