



Information Technology

(an international approach)

In this course you will concentrate on the Software Engineering minor. Students are taught the following subjects:

Project Management Software Engineering

- V model • RUP • XP • Agile • e-DSDM
- SCRUM

Internet

- web services
- applications for mobile phones

Programming

- PHP • the .NET Framework
- object orientation

Database

- data warehousing • data vaults
- business intelligence

Architecture and many other subjects.

- Enterprise analyses
- Enterprise Resource Management
- Business Intelligence
- Internationalization
- Change management
- Security

Specialization in:

- Multimedia • R&D • Extended systems
- Cybercrime • Supply chains
- Logistics algorithms • Data structures

Course domain:	Information Technology
Duration:	4 years
Start of course:	End of August
Location:	Breda, the Netherlands
Educational model(s) used:	Subjects are presented in the form of courses, projects, labs and lectures.
Degree after completion:	Bachelor of Information Technology and FEANI (European Federation of National Engineering Associations) engineer
Entry requirements:	<ul style="list-style-type: none"> • IELTS score of 6 or TOEFL 550 or higher • Secondary school • Positive advice based on personal interview
Job opportunities:	Excellent
Further education opportunities:	Master of Information Technology at Avans+ University of Applied Sciences
Tuition fee:	www.studyatavans.com
Deadline for application:	June 1
For information:	internationaloffice@avans.nl www.studyatavans.com



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This study covers all the fields of IT knowledge that an international IT specialist needs to be prepared for the future. Starting with a sound basis, we cover the state of the art in IT in later years: Project Management, Software Engineering (V model, RUP, XP, Agile, e-DSDM, SCRUM), Internet (web services, applications for mobile phones), Programming (PHP, the .NET Framework, Object orientation), Database (data warehousing, data vaults, business intelligence), Architecture and many other subjects.

As well as this rather technical content we also cover many other aspects of IT such as enterprise analyses, Enterprise Resource Management, business intelligence, internationalisation, change management, security etc. There are many opportunities to specialise in the later stage of the programme; for example in multimedia, R&D, extended systems, cybercrime, supply chains, logistics algorithms and data structures and many other minors.

Together with proven, sound content, we offer students an international approach to IT. Of course, most IT techniques at low level are universal and do not differ around the world. However the organisation of IT systems and networks varies greatly in different countries and regions. Developments in outsourcing, inshoring, nearshoring, network technology, use of internet, cybercrime, privacy, security etc. show interesting differences when we study different continents or countries. You will become an expert on aspects like these during your IT studies at Avans University of Applied Sciences.

Our IT programme takes 3 to 4 years, depending on your preliminary knowledge level, and is intended for two groups of students: Dutch students who want to study the world of IT, and students from other countries who want to study in a country at the centre of Europe. You will learn through lectures, labs, projects, training periods, research, exams, and individual and group assignments. The so-called soft skills form an important part of the programme.

The high quality of the programme is assured by the experienced staff of teachers and management together with an extensive international network of enterprises and universities to keep our teaching up-to-date. Internally we assess the quality on a regular basis, also taking into account student input. The course not only covers IT knowledge, but also offers many opportunities for students to build their international networks. You will be prepared to lead system development projects in countries all around the world.



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getting you ahead