

Diploma supplement Faculty of Information Science and Technology

Last name, first name	Verboom, Mark W.
Place and date of birth	October 30, 1973 - Gouda
Title conferred*	ing. = ingenieur (engineer)
Specialization*	Software Engineering Data Communication

All mandatory courses of the programme are listed.

The Faculty can provide detailed information on the content of individual courses and on the student's internship and final project.

* See reverse for explanation

Code	Course title	Study points	Code	Course title	Study points
bk001	Business administration	1	ki104	Relational databases	2
bk101	Business economics 1	2	ki404	Programme accuracy	1
bk501	Management theory 1: introduction	2	ki406	Lexical analysis	1
cm001	Communication aspects of computerization	2	ki502	Software engineering 2	1
is001	Information in organizational management	1	ki508	System development	3
is301	Design and construction of information systems	2	ki510	Technical information systems	2
ki001	Introduction to the use of the computer	1	ti203	Operating systems 2	1
ki101	File organization	2	wk201	Mathematical decisions studies 1	2
ki201	Procedural languages	1	STAGE	Internship	21
ki202	Pascal 1	2	bk701	Informatics and law: An introduction	1
ki203	Pascal 2	1	cm005	Handling conflicts of interest	1
ki401	Theoretical informatics	2	cm007	Effective presentations	2
ti001	Computerarchitecture 1	1	is307	Programming languages(4GL)/CASE tools/Work benches	1
bk102	Business economics 2	2	ki106	Implementation and physical db design / hierarchical databases	2
cm002	Written communication	1	ki111	Data dictionary and architecture of a DBMS	1
is101	Introduction to administrative information supply	2	ki206	Object-oriented programming	3
ki003	Programming tools	1	ki407	Operational YACC	1
ki102	Data modelling	1	ki408	Parsing and code generation	1
ki301	Data structures and algorithms 1	2	ki409	Compiler building laboratory	2
ki402	Predicate logic	1	ki506	Software engineering 3	1
ki501	Software engineering 1	2	ki507	Software engineering applications	2
ki505	Jackson structured programming	1	ki701	Introduction to artificial intelligence and expert systems	2
ti002	Computerarchitecture 2	2	ki702	Theory of artificial intelligence	1
ti101	Introduction to datacommunication	1	ti104	Telematics	1
wk002	Analytical (and numerical) mathematics 1	2	ti105	Communication networks	3
wk004	Vector and matrix calculation	1	wk202	Model building and simulation	1
wk401	Discrete mathematics	1	wk203	Quantitative performance analysis	2
bk201	Introduction to business accounting	1	aa002	Skills laboratory	7
cm003	Human computer interaction	1	aa003	Computer applications	1
cm101	Social aspects of information technology	1	AFST	Graduation	21
ki103	Introduction to databases	2		Free choice	14
ki105	Network databases	1			
ki204	C	1			
ki303	Data structures and algorithms 2	1			
ki403	Complexity of algorithms	1			
ki405	Grammars and languages	2			
ki503	Integration practical 1	2			
ti102	Introduction to computer networks	1			
ti202	Operating systems 1	2			
wk003	Analytical (and numerical) mathematics 2	2			
wk101	Statistics 1	2			
cm004	Communication techniques	2			
cm102	Organizational aspects of information technology	1			

* Title conferred

The Dutch "ing." (ingenieur = engineer) is recognized as fully equivalent to the Bachelor of Science degree conferred upon graduates of comparable programmes in higher educational institutions in countries such as the United States, Canada, Great Britain, Australia, New Zealand.

* Specialization

Upon completion of the two-semester foundation course, which is identical for all students in the Faculty, students embark upon a 1½-year differentiation phase. The final semester of this phase is spent in internship. Upon completion of the internship the student completes her or his studies in an area of specialization.

* Study points

The first degree programme in the Faculty consists of 168 study points, whether contact, laboratory or individual. The student must obtain 21 study points each semester in order to complete the programme within the nominally required period of 4 years.

* Graduation / Final project

Prior to graduation students devote another 100 working days to a practical in-company project. The project must contribute to meeting an actual need in the area of automation within the host organization. College staff support and guide the student in the planning and execution of the project in consultation with the designated representative of the company. The project is assessed on the basis of an extensive final report which the student defends in the presence of an external examiner and his or her individual staff and company mentors.