

Faculty of Engineering and Architecture

Master of Science in Electrical Engineering -- Communication and Information Technology

Language of instruction: English

Programme version 10

1 General Courses 36 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | E022230 Antennas and Propagation <i>Hendrik Rogier -- Department of Information Technology</i> | 6 | | 1 | A:1 | 180 |
| 2 | E031251 Design Methodology for FPGAs <i>Dirk Stroobandt -- Department of Electronics and Information Systems</i> | 6 | | 1 | A:1 | 180 |
| 3 | E033021 Electromagnetic-aware High Frequency Design <i>Hendrik Rogier -- Department of Information Technology</i> | 6 | | 1 | A:1 | 180 |
| 4 | E033640 High-speed Electronics <i>Johan Bauwelincx -- Department of Information Technology</i> | 6 | | 1 | A:2 | 180 |
| 5 | E003600 Information Theory <i>Heidi Steendam -- Department of Telecommunications and Information Processing</i> | 6 | | 1 | B:2 | 180 |
| 6 | E012130 Modulation and Detection <i>Nele Noels -- Department of Telecommunications and Information Processing</i> | 6 | | 2 | B:1 | 180 |

2 Courses Related to the Main Subject 48 credits

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | E019370 Robotics <i>Tony Belpaeme -- Department of Electronics and Information Systems</i> | 6 | | 1 | A:1 | 180 |
| 2 | E012320 Mobile and Broadband Access Networks <i>Ingrid Moerman -- Department of Information Technology</i> | 6 | | 1 | B:2 | 180 |
| 3 | E033702 Hardware-design Project <i>Ioulia Tzouvadaki -- Department of Electronics and Information Systems</i> | 6 | | 1 | A:2 | 180 |
| 4 | E011322 Queueing Analysis and Simulation <i>Joris Walraevens -- Department of Telecommunications and Information Processing</i> | 6 | | 2 | A:1 | 180 |

2.1 Master's Dissertation

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|-------------------------------|------|-----|-----|---------|-------|
| 1 | E091103 Master's Dissertation | 24 | | 2 | B:J | 720 |

3 Elective Courses 36 credits

Subscribe to 36 credit units from 1 path from the following list. Subject to approval by the faculty.

Divided as:

- 12 credit units in year 1,
- 24 credit units in year 2.

3.1 Elective Courses: Path 1

36 credits

Subscribe to 36 credit units from no less than 2 and no more than 3 modules from the following list. Subject to approval by the faculty.

3.1.1 Elective Courses Communication and Information Technology

Subscribe to no less than 16 credit units from the following list. Subject to approval by the faculty.

The Research Internship (E099400) cannot be combined with Industry Internship Engineering and Architecture (E099300).

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | E061330 Machine Learning <i>Joni Dambre -- Department of Electronics and Information Systems</i> | 6 | | | B:1 | 180 |

| | | | | | |
|----|---------|--|---|--------------------|-----|
| 2 | E011610 | Performance Analysis of Telecommunication Systems <i>Sabine Wittevrongel -- Department of Telecommunications and Information Processing</i> | 4 | A:1 | 120 |
| 3 | E033620 | High Frequency Systems <i>Johan Bauwelinck -- Department of Information Technology</i> | 6 | | 180 |
| 4 | E019170 | Internet of Things <i>Jeroen Hoebeke -- Department of Information Technology</i> | 6 | A:1 | 180 |
| 5 | E010310 | Image Processing [nl] <i>Bart Goossens -- Department of Telecommunications and Information Processing</i> | 6 | A:1 | 180 |
| 6 | E031440 | VLSI Technology and Design <i>Jan Doutreligne -- Department of Electronics and Information Systems</i> | 6 | A:1 | 180 |
| 7 | E003422 | Fundamentals of Statistical Sensor Processing <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 6 | A:1 | 180 |
| 8 | E033631 | Applied High Frequency Design <i>Guy Torfs -- Department of Information Technology</i> | 6 | A:1 | 180 |
| 9 | E017930 | Parallel and Distributed Software Systems <i>Jan Fostier -- Department of Information Technology</i> | 6 | A:1 | 180 |
| 10 | E003710 | Game Theory and Multiagent Systems <i>Heidi Steendam -- Department of Telecommunications and Information Processing</i> | 6 | A:1 | 180 |
| 11 | E012802 | Broadband cable-TV and in-home networks <i>Margot Deruyck -- Department of Information Technology</i> | 4 | (A:1) ^d | 120 |
| 12 | E017920 | Design of Multimedia Applications <i>Glenn Van Wallendael -- Department of Electronics and Information Systems</i> | 6 | A:2 | 180 |
| 13 | E030320 | Avionics: Electronics <i>Dries Vande Ginste -- Department of Information Technology</i> | 4 | A:2 | 120 |
| 14 | E022020 | Audio Engineering <i>Dick Botteldooren -- Department of Information Technology</i> | 4 | A:2 | 120 |
| 15 | E010220 | Speech Processing <i>Kris Demuyne -- Department of Electronics and Information Systems</i> | 4 | A:2 | 120 |
| 16 | E004720 | Network Modelling and Design <i>Mario Pickavet -- Department of Information Technology</i> | 4 | B:2 | 120 |
| 17 | E004120 | Optimisation Techniques <i>Ljubomir Jovanov -- Department of Telecommunications and Information Processing</i> | 6 | A:2 | 180 |
| 18 | E031341 | Digital Building Blocks [nl] <i>Jan Doutreligne -- Department of Electronics and Information Systems</i> | 6 | A:2 | 180 |
| 19 | E019130 | Multimedia Techniques [nl] <i>Peter Lambert -- Department of Electronics and Information Systems</i> | 6 | A:2 | 180 |
| 20 | E022250 | Bioelectromagnetism <i>Wout Joseph -- Department of Information Technology</i> | 4 | B:2 | 120 |
| 21 | E012420 | Optical Communication Systems <i>Geert Morthier -- Department of Information Technology</i> | 6 | A:2 | 180 |
| 22 | E030220 | Advanced Analog Design <i>Guy Torfs -- Department of Information Technology</i> | 6 | A:1 | 180 |
| 23 | E012210 | Advanced Modulation and Coding <i>Heidi Steendam -- Department of Telecommunications and Information Processing</i> | 4 | A:2 | 120 |
| 24 | E034500 | Sustainable Computing <i>Lieven Eeckhout -- Department of Electronics and Information Systems</i> | 3 | A:2 | 90 |
| 25 | E099400 | Research Internship <i>Patrick Segers -- Department of Electronics and Information Systems</i> | 6 | A:J | 180 |

3.1.2 Elective Social Courses

Subscribe to no less than 6 credit units from the following list. Subject to approval by the faculty.
Students may apply for another elective social course, given a clear motivation and after approval by the faculty (exceptionally, as a rule a course from the list below is followed).

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | E099300 Industry Internship Engineering and Architecture [en, nl] <i>Patrick Segers -- Department of Electronics and Information Systems</i> | 6 | | | A:J | 180 |
| 2 | E098010 Integrated Portfolio [en, nl] <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 6 | | | A:J | 180 |

| | | | | | | |
|----|---------|--|---|-----|----------|-----|
| 3 | E098010 | Integrated Portfolio [en, nl] <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 3 | | B:J | 90 |
| 4 | E037810 | Safety of Electrical and Mechanical Installations [nl] <i>Jos Knockaert -- Department of Electromechanical, Systems and Metal Engineering</i> | 3 | | A:2 | 90 |
| 5 | E039060 | Sustainable Energy and Rational Use of Energy <i>Filip Strubbe -- Department of Electronics and Information Systems</i> | 4 | | A:2 | 120 |
| 6 | E078310 | Sustainable Use of Materials: Metals [nl] <i>Kim Verbeken -- Department of Materials, Textiles and Chemical Engineering</i> | 3 | | A:1 | 90 |
| 7 | E078320 | Sustainable Use of Materials: Plastics and Derived Materials [nl] <i>Lode Daelemans -- Department of Materials, Textiles and Chemical Engineering</i> | 3 | | A:2 | 90 |
| 8 | E078010 | Technology and Environment <i>Luc Martens -- Department of Information Technology</i> | 3 | | A:1 | 90 |
| 9 | E078752 | Water and Air Quality Management <i>Joris Thybaut -- Department of Materials, Textiles and Chemical Engineering</i> | 4 | | A:2 | 120 |
| 10 | E092100 | Biosystems [nl] <i>Pascal Verdonck -- Department of Electronics and Information Systems</i> | 3 | | A:1 | 90 |
| 11 | E075310 | Ethics, Engineering and Society [nl] <i>Seppe Segers -- Department of Philosophy and Moral Sciences</i> | 3 | | A:2 | 90 |
| 12 | C004009 | History and Philosophy of Sciences [nl] <i>Maarten Van Dyck -- Department of Philosophy and Moral Sciences</i> | 3 | | B:2 | 90 |
| 13 | E076320 | The Information Society and ICT [nl] <i>Erik Mannens -- Department of Electronics and Information Systems</i> | 3 | | A:2 | 90 |
| 14 | A001900 | Introduction to Psychology [nl] <i>Wim Notebaert -- Department of Experimental Psychology</i> | 3 | | A:1 | 90 |
| 15 | H001977 | Coaching and Diversity [nl] <i>Elisabeth De Schauwer -- Department of Special Education</i> | 3 | UKV | A:J | 90 |
| 16 | A005503 | Context and Nuance. A Critical Reflection on Current Topics [nl] <i>July De Wilde -- Department of Translation, Interpreting and Communication</i> | 6 | UKV | A:1 | 180 |
| 17 | F001021 | Basic Entrepreneurship [nl] <i>Evy Van Lancker -- Department of Marketing, Innovation and Organisation</i> | 3 | UKV | A:1 | 90 |
| 18 | A005646 | Introduction to Corporate Law [nl] <i>Diederik Bruloot -- Department of Interdisciplinary Study of Law, Private Law and Business Law</i> | 3 | | A:1 | 90 |
| 19 | F001022 | Dare to Venture <i>Johan Verrue -- Department of Marketing, Innovation and Organisation</i> | 4 | | A:2 | 120 |
| 20 | E076471 | Dare to Start <i>Wouter Haerick -- Department of Information Technology</i> | 3 | | A:2 | 90 |
| 21 | E076621 | Principles of Law and Construction Law [nl] <i>Jelle Laverge -- Department of Architecture and Urban Planning</i> | 3 | | A:1 | 90 |
| 22 | E076951 | Engineering Economy <i>Sofie Verbrugge -- Department of Information Technology</i> | 6 | | A:1 | 180 |
| 23 | F001020 | Introduction to Entrepreneurship <i>Petra Andries -- Department of Marketing, Innovation and Organisation</i> | 3 | | A:1 | 90 |
| 24 | H002476 | Powerful Learning Environments [nl] <i>Bram De Wever -- Department of Educational Studies</i> | 6 | | A:1 | 180 |
| 25 | H002477 | The Teacher within Class, School and Society [nl] <i>Melissa Tuytens -- Department of Educational Studies</i> | 6 | | A:2 | 180 |
| 26 | H002478 | The Student: Development and Motivation [nl] <i>Wim Beyers -- Department of Developmental, Personality and Social Psychology</i> | 6 | | A:1 | 180 |
| 27 | F000083 | Macroeconomics [nl] <i>Freddy Heylen -- Department of Economics</i> | 6 | | A:1 | 180 |
| 28 | H001010 | Introduction Industrial Psychology [nl] <i>Bart Wille -- Department of Developmental, Personality and Social Psychology</i> | 5 | | C:1 | 150 |
| 29 | F000551 | Business Skills <i>Mieke Audenaert -- Department of Marketing, Innovation and Organisation</i> | 4 | | C:2 | 120 |
| 30 | A003001 | Academic English <i>Geert Jacobs -- Department of Linguistics</i> | 3 | UKV | B:1, A:2 | 90 |
| 31 | E075800 | Communication [nl] <i>Leen Pollefliet -- Department of Information Technology</i> | 3 | | A:1 | 90 |

| | | | | | |
|----|---------|--|---|-----|----|
| 32 | E037830 | Basics of Health and Safety at Work for Engineers [nl] <i>Sofie Van Volsem -- Department of Industrial Systems Engineering and Product Design</i> | 3 | A:1 | 90 |
|----|---------|--|---|-----|----|

3.1.3 Elective Courses Ghent University

Subscribe to no more than 16 credit units from the programmes of Ghent University, including the [Ghent University Elective Courses](#).
Subject to approval by the faculty.

3.2 Elective Courses: Path 2

36 credits

Subscribe to 36 credit units from 3 modules from the following list. Subject to approval by the faculty.

3.2.1 Elective Courses Communication and Information Technology

Subscribe to no less than 12 credit units from the following list. Subject to approval by the faculty.
The Research Internship (E099400) cannot be combined with Industry Internship Engineering and Architecture (E099300).

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|--------------------|-------|
| 1 | E061330 Machine Learning <i>Joni Dambre -- Department of Electronics and Information Systems</i> | 6 | | | B:1 | 180 |
| 2 | E011610 Performance Analysis of Telecommunication Systems <i>Sabine Wittevrongel -- Department of Telecommunications and Information Processing</i> | 4 | | | A:1 | 120 |
| 3 | E033620 High Frequency Systems <i>Johan Bauwelinck -- Department of Information Technology</i> | 6 | | | | 180 |
| 4 | E019170 Internet of Things <i>Jeroen Hoebeke -- Department of Information Technology</i> | 6 | | | A:1 | 180 |
| 5 | E010310 Image Processing [nl] <i>Bart Goossens -- Department of Telecommunications and Information Processing</i> | 6 | | | A:1 | 180 |
| 6 | E031440 VLSI Technology and Design <i>Jan Doutrelaigne -- Department of Electronics and Information Systems</i> | 6 | | | A:1 | 180 |
| 7 | E003422 Fundamentals of Statistical Sensor Processing <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 6 | | | A:1 | 180 |
| 8 | E033631 Applied High Frequency Design <i>Guy Torfs -- Department of Information Technology</i> | 6 | | | A:1 | 180 |
| 9 | E017930 Parallel and Distributed Software Systems <i>Jan Fostier -- Department of Information Technology</i> | 6 | | | A:1 | 180 |
| 10 | E003710 Game Theory and Multiagent Systems <i>Heidi Steendam -- Department of Telecommunications and Information Processing</i> | 6 | | | A:1 | 180 |
| 11 | E012802 Broadband cable-TV and in-home networks <i>Margot Deruyck -- Department of Information Technology</i> | 4 | | | (A:1) ^d | 120 |
| 12 | E017920 Design of Multimedia Applications <i>Glenn Van Wallendael -- Department of Electronics and Information Systems</i> | 6 | | | A:2 | 180 |
| 13 | E030320 Avionics: Electronics <i>Dries Vande Ginste -- Department of Information Technology</i> | 4 | | | A:2 | 120 |
| 14 | E022020 Audio Engineering <i>Dick Botteldooren -- Department of Information Technology</i> | 4 | | | A:2 | 120 |
| 15 | E010220 Speech Processing <i>Kris Demuyne -- Department of Electronics and Information Systems</i> | 4 | | | A:2 | 120 |
| 16 | E004720 Network Modelling and Design <i>Mario Pickavet -- Department of Information Technology</i> | 4 | | | B:2 | 120 |
| 17 | E004120 Optimisation Techniques <i>Ljubomir Jovanov -- Department of Telecommunications and Information Processing</i> | 6 | | | A:2 | 180 |
| 18 | E031341 Digital Building Blocks [nl] <i>Jan Doutrelaigne -- Department of Electronics and Information Systems</i> | 6 | | | A:2 | 180 |
| 19 | E019130 Multimedia Techniques [nl] <i>Peter Lambert -- Department of Electronics and Information Systems</i> | 6 | | | A:2 | 180 |
| 20 | E022250 Bioelectromagnetism <i>Wout Joseph -- Department of Information Technology</i> | 4 | | | B:2 | 120 |
| 21 | E012420 Optical Communication Systems <i>Geert Morthier -- Department of Information Technology</i> | 6 | | | A:2 | 180 |
| 22 | E030220 Advanced Analog Design <i>Guy Torfs -- Department of Information Technology</i> | 6 | | | A:1 | 180 |
| 23 | E012210 Advanced Modulation and Coding <i>Heidi Steendam -- Department of Telecommunications and Information Processing</i> | 4 | | | A:2 | 120 |

| | | | | | | |
|----|---------|--|---|--|-----|-----|
| 24 | E034500 | Sustainable Computing <i>Lieven Eeckhout -- Department of Electronics and Information Systems</i> | 3 | | A:2 | 90 |
| 25 | E099400 | Research Internship <i>Patrick Segers -- Department of Electronics and Information Systems</i> | 6 | | A:J | 180 |

3.2.2 Minors

Subscribe to at least 18 credit units from 1 minor from the following list. Subject to approval by the faculty.

3.2.2.1 Minor Operations Management

Subscribe to 18 credit units from the following list, with 6 credit units with reference a.

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | E076221 Manufacturing Planning and Control <i>Birger Raa -- Department of Industrial Systems Engineering and Product Design</i> | 6 | a | | A:1 | 180 |
| 2 | E004255 Operations Research Models and Methods <i>El-Houssaine Aghezzaf -- Department of Industrial Systems Engineering and Product Design</i> | 6 | | | A:1 | 180 |
| 3 | E060240 Quality Engineering and Industrial Statistics <i>Stijn De Vuyst -- Department of Industrial Systems Engineering and Product Design</i> | 6 | | | A:2 | 180 |
| 4 | E076951 Engineering Economy <i>Sofie Verbrugge -- Department of Information Technology</i> | 6 | | | A:1 | 180 |

3.2.2.2 Minor Biosystems

Subscribe to 18 credit units from the following list, with no less than 8 credit units with reference a. Subject to approval by the faculty.

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | E092623 Modelling of Physiological Systems <i>Patrick Segers -- Department of Electronics and Information Systems</i> | 5 | a | | A:2 | 150 |
| 2 | E092662 From Genome to Organism <i>Fransiska Malfait -- Department of Biomolecular Medicine</i> | 3 | a | | A:1 | 90 |
| 3 | E074011 Quantitative Cell and Tissue Analysis <i>An Hendrix -- Department of Human Structure and Repair</i> | 6 | a | | A:1 | 180 |
| 4 | E063671 Biomaterials and Tissue Engineering <i>Ruslan Dmitriev -- Department of Human Structure and Repair</i> | 5 | | | A:1 | 150 |
| 5 | E063682 Biomechanics <i>Charlotte Debbaut -- Department of Electronics and Information Systems</i> | 6 | | | A:1 | 180 |
| 6 | E010371 Medical Imaging <i>Stefaan Vandenberghie -- Department of Electronics and Information Systems</i> | 6 | | | A:1 | 180 |

3.2.2.3 Minor Photonics Engineering

Subscribe to no less than 18 credit units from the following list. Subject to approval by the faculty.

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | E030610 Photonics [nl] <i>Günther Roelkens -- Department of Information Technology</i> | 6 | | | A:2 | 180 |
| 2 | E030660 Lasers <i>Geert Morthier -- Department of Information Technology</i> | 4 | | | A:1 | 120 |
| 3 | E030761 Microphotonics <i>Dries Van Thourhout -- Department of Information Technology</i> | 6 | | | A:1 | 180 |
| 4 | E024800 Optical Materials <i>Kristiaan Neyts -- Department of Electronics and Information Systems</i> | 6 | | | A:1 | 180 |
| 5 | E008446 Sensors, Actuators and Electronic Microsystems <i>Herbert De Smet -- Department of Electronics and Information Systems</i> | 6 | | | A:2 | 180 |
| 6 | E030721 Laboratories in Photonics Research <i>Alberto Curto -- Department of Information Technology</i> | 6 | | | A:2 | 180 |
| 7 | E031521 Physics of Semiconductor Technologies and Devices <i>Geert Van Steenberge -- Department of Electronics and Information Systems</i> | 4 | | | A:2 | 120 |

3.2.3 Elective Social Courses

Subscribe to no less than 6 credit units from the following list. Subject to approval by the faculty.

Students may apply for another elective social course, given a clear motivation and after approval by the faculty (exceptionally, as a rule a course from the list below is followed).

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|---|------|-----|-----|---------|-------|
| 1 | E099300 Industry Internship Engineering and Architecture [en, nl] <i>Patrick Segers -- Department of Electronics and Information Systems</i> | 6 | | | A:J | 180 |

| | | | | | | |
|----|---------|--|---|-----|----------|-----|
| 2 | E098010 | Integrated Portfolio [en, nl] <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 6 | | A:J | 180 |
| 3 | E098010 | Integrated Portfolio [en, nl] <i>Hiep Luong -- Department of Telecommunications and Information Processing</i> | 3 | | B:J | 90 |
| 4 | E037810 | Safety of Electrical and Mechanical Installations [nl] <i>Jos Knockaert -- Department of Electromechanical, Systems and Metal Engineering</i> | 3 | | A:2 | 90 |
| 5 | E039060 | Sustainable Energy and Rational Use of Energy <i>Filip Strubbe -- Department of Electronics and Information Systems</i> | 4 | | A:2 | 120 |
| 6 | E078310 | Sustainable Use of Materials: Metals [nl] <i>Kim Verbeken -- Department of Materials, Textiles and Chemical Engineering</i> | 3 | | A:1 | 90 |
| 7 | E078320 | Sustainable Use of Materials: Plastics and Derived Materials [nl] <i>Lode Daelemans -- Department of Materials, Textiles and Chemical Engineering</i> | 3 | | A:2 | 90 |
| 8 | E078010 | Technology and Environment <i>Luc Martens -- Department of Information Technology</i> | 3 | | A:1 | 90 |
| 9 | E078752 | Water and Air Quality Management <i>Joris Thybaut -- Department of Materials, Textiles and Chemical Engineering</i> | 4 | | A:2 | 120 |
| 10 | E092100 | Biosystems [nl] <i>Pascal Verdonck -- Department of Electronics and Information Systems</i> | 3 | | A:1 | 90 |
| 11 | E075310 | Ethics, Engineering and Society [nl] <i>Seppe Segers -- Department of Philosophy and Moral Sciences</i> | 3 | | A:2 | 90 |
| 12 | C004009 | History and Philosophy of Sciences [nl] <i>Maarten Van Dyck -- Department of Philosophy and Moral Sciences</i> | 3 | | B:2 | 90 |
| 13 | E076320 | The Information Society and ICT [nl] <i>Erik Mannens -- Department of Electronics and Information Systems</i> | 3 | | A:2 | 90 |
| 14 | A001900 | Introduction to Psychology [nl] <i>Wim Notebaert -- Department of Experimental Psychology</i> | 3 | | A:1 | 90 |
| 15 | H001977 | Coaching and Diversity [nl] <i>Elisabeth De Schauwer -- Department of Special Education</i> | 3 | UKV | A:J | 90 |
| 16 | A005503 | Context and Nuance. A Critical Reflection on Current Topics [nl] <i>July De Wilde -- Department of Translation, Interpreting and Communication</i> | 6 | UKV | A:1 | 180 |
| 17 | F001021 | Basic Entrepreneurship [nl] <i>Evy Van Lancker -- Department of Marketing, Innovation and Organisation</i> | 3 | UKV | A:1 | 90 |
| 18 | A005646 | Introduction to Corporate Law [nl] <i>Diederik Bruloot -- Department of Interdisciplinary Study of Law, Private Law and Business Law</i> | 3 | | A:1 | 90 |
| 19 | F001022 | Dare to Venture <i>Johan Verrue -- Department of Marketing, Innovation and Organisation</i> | 4 | | A:2 | 120 |
| 20 | E076471 | Dare to Start <i>Wouter Haerick -- Department of Information Technology</i> | 3 | | A:2 | 90 |
| 21 | E076621 | Principles of Law and Construction Law [nl] <i>Jelle Laverge -- Department of Architecture and Urban Planning</i> | 3 | | A:1 | 90 |
| 22 | E076951 | Engineering Economy <i>Sofie Verbrugge -- Department of Information Technology</i> | 6 | | A:1 | 180 |
| 23 | F001020 | Introduction to Entrepreneurship <i>Petra Andries -- Department of Marketing, Innovation and Organisation</i> | 3 | | A:1 | 90 |
| 24 | H002476 | Powerful Learning Environments [nl] <i>Bram De Wever -- Department of Educational Studies</i> | 6 | | A:1 | 180 |
| 25 | H002477 | The Teacher within Class, School and Society [nl] <i>Melissa Tuytens -- Department of Educational Studies</i> | 6 | | A:2 | 180 |
| 26 | H002478 | The Student: Development and Motivation [nl] <i>Wim Beyers -- Department of Developmental, Personality and Social Psychology</i> | 6 | | A:1 | 180 |
| 27 | F000083 | Macroeconomics [nl] <i>Freddy Heylen -- Department of Economics</i> | 6 | | A:1 | 180 |
| 28 | H001010 | Introduction Industrial Psychology [nl] <i>Bart Wille -- Department of Developmental, Personality and Social Psychology</i> | 5 | | C:1 | 150 |
| 29 | F000551 | Business Skills <i>Mieke Audenaert -- Department of Marketing, Innovation and Organisation</i> | 4 | | C:2 | 120 |
| 30 | A003001 | Academic English <i>Geert Jacobs -- Department of Linguistics</i> | 3 | UKV | B:1, A:2 | 90 |

| | | | | | |
|----|---------|--|---|-----|----|
| 31 | E075800 | Communication [nl] <i>Leen Pollefliet -- Department of Information Technology</i> | 3 | A:1 | 90 |
| 32 | E037830 | Basics of Health and Safety at Work for Engineers [nl] <i>Sofie Van Volsem -- Department of Industrial Systems Engineering and Product Design</i> | 3 | A:1 | 90 |

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

| | | | | | | |
|---------------|-------------|-------------|---------------|----------------|----------------------|-------------|
| bg: Bulgarian | de: German | es: Spanish | ja: Japanese | pl: Polish | sh: Croatian/Serbian | zh: Chinese |
| cs: Czech | el: Greek | fr: French | nl: Dutch | pt: Portuguese | sl: Slovene | |
| da: Danish | en: English | it: Italian | no: Norwegian | ru: Russian | sv: Swedish | |

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

| | | | |
|-----------------|---------------------------------|---------------------------------|---------------------------------|
| a: bi-annually | c: annually, from 2026-2027 | f: annually, from 2027-2028 | i: annually, from 2028-2029 |
| b: tri-annually | d: bi-annually, from 2026-2027 | g: bi-annually, from 2027-2028 | j: bi-annually, from 2028-2029 |
| | e: tri-annually, from 2026-2027 | h: tri-annually, from 2027-2028 | k: tri-annually, from 2028-2029 |