

COMPOSING THE CURRICULUM DEGREE STUDENTS

studietrajectIR.ea@UGent.be

COMPOSING YOUR CURRICULUM

COMPOSING YOUR CURRICULUM

Two steps (each academic year):

1. Enrolment
2. Composing your curriculum and submit for approval
= the courses that you will take this year

Platform: OASIS (<http://oasis.ugent.be>)

CURRICULUM COMPOSITION

You compose your curriculum based on:

1. The study programme
2. The course schedules

In your second year you also take into regard

- The starting competences
- The extent of your curriculum

1. STUDY PROGRAMME

- <https://studiekiezer.ugent.be/en/zoek>
 - select language, faculty & programme type in the left menu
 - select your study programme in the right menu
- Or via Oasis

STUDY PROGRAMME

Search

Academic year

☒ 2021-2022

☐ 2020-2021

[show more...](#)

Programme type

☒ Master's Programme (25)

☐ Subsequent Master's Programme (1)

☐ Postgraduate Studies (1)

[show more...](#)

Field of interest

Prior education

Location

Language

☐ Dutch (33)

☒ English (25)

Faculty

☐ Faculty of Arts and Philosophy (8)

☐ Faculty of Law and Criminology (1)

☐ Faculty of Sciences (22)

☐ Faculty of Medicine and Health Sciences (1)

☒ Faculty of Engineering and Architecture (25)

☐ Faculty of Economics and Business Administration (8)

☐ Faculty of Psychology and Educational Sciences (1)


Our programmes

Academic year: 2021-2022 Programme type: Master's Programme Faculty: Faculty of Engineering and Architecture

Language: English

[clear all filters](#)

25 programmes found




Master in Bioinformatics (Engineering)

Master's Programme

2 year | 120 credits

EN




Master in Bioinformatics (Systems Biology)

Master's Programme

2 year | 120 credits

EN




Master in Bioinformatics (Bioscience Engineering)

Master's Programme

2 year | 120 credits

EN




International Master of Science in Biomedical Engineering

Master's Programme

2 year | 120 credits

EN




Master of Biomedical Engineering

Master's Programme

2 year | 120 credits

EN




Master of Chemical Engineering

Master's Programme

2 year | 120 credits

EN




Master of Civil Engineering

Master's Programme

2 year | 120 credits

EN




Master of Computer Science Engineering

Master's Programme

2 year | 120 credits

EN




Master of Electrical Engineering (Electronic Circuits and Systems)

Master's Programme

2 year | 120 credits

EN




Master of Electrical Engineering (Communication and Information Technology)

Master's Programme

2 year | 120 credits

EN




Master of Electromechanical Engineering (Control Engineering and Automation)

Master's Programme

2 year | 120 credits

EN



Master of Electromechanical Engineering (Electrical Power Engineering)

Master's Programme

2 year | 120 credits

EN

STUDY PROGRAMME

Courses > Master of Science in Electrical Engineering (Electronic Circuits and Systems)



Master of Science in Electrical Engineering (Electronic Circuits and Systems)

Masters of Electrical Engineering are capable of efficiently and methodically developing complex electronic (communications) systems for broad a field of applications, starting from the conception and analysis over the design, implementation, testing and up to the management of such systems.


2021-2022





Electronic Circuits and Syste...





Enrol

 Master's Programme

 2 year | 120 credits

 Faculty of Engineering and Architecture

 [download](#) brochure

 [contact](#)



About the programme

Programme summary

Find out more

Off to a good start

After graduation

 [print programme v7](#)  [course schedule 1st semester](#)  [course schedule 2nd semester](#)

– First year (version 7)

– 1 General Courses

Course	Ref	MTI	Semester	Language	Instructor	Crdt
Antennas and Propagation	1		sem 1	en	Hendrik Rogier	6
Design Methodology for FPGAs	1		sem 1	en	Dirk Stroobandt	6
Electromagnetic-aware High Frequency Design	1		sem 1	en	Hendrik Rogier	6
High-speed Electronics	1		sem 2	en	Johan Bauwelink	6
Information Theory	1		sem 2	en	Heidi Steendam	6

– 2 Courses Related to the Main Subject

Course	Ref	MTI	Semester	Language	Instructor	Crdt
VLSI Technology and Design	1		sem 1	en	Jan Doutreloigne	6
Sensors and Actuators	1		sem 2	en	Herbert De Smet	6
Hardware-design Project	1		sem 2	en	Jan Vanfleteren	6

+ 3 Elective Courses

STUDY PROGRAMME

- The master consists of **120 ECTS**, +/- 60 ECTS each year, +/- 30 ECTS each semester
- The programme consists of several categories (composition is different for all programmes):
 - general courses
 - courses related to the main subject (not in every programme)
 - elective courses
- **General courses** (and courses related to the main subject):
 - Compulsory
 - The programme prescribes which courses to take in year 1 and which in year 2 (indicated in course catalogue)
- **Elective courses**:
 - It is up to you to **decide which electives you take in year 1 and which in year 2**
 - Look for the guidelines beneath the category titles
 - Check the **course schedule** to make sure there is no overlap with general courses!
 - Approval by the programme committee

STUDY PROGRAMME



STUDY GUIDE

[Courses](#) > [Master of Science in Electrical Engineering \(Electronic Circuits and Systems\)](#)



Master of Science in Electrical Engineering (Electronic Circuits and Systems)

Masters of Electrical Engineering are capable of efficiently and methodically developing complex electronic (communications) systems for broad a field of applications, starting from the conception and analysis over the design, implementation, testing and up to the management of such systems.

2021-2022

Electronic Circuits and Syste...

Enrol

Master's Programme

2 year | 120 credits

Faculty of Engineering and Architecture

[download](#) brochure

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[About the programme](#)

[Programme summary](#)

[Find out more](#)

[Off to a good start](#)

[After graduation](#)

[print programme v7](#) [course schedule 1st semester](#) [course schedule 2nd semester](#)

[+ First year \(version 7 \)](#)

[+ Second year \(version 7 \)](#)

[+ Full programme \(version 7 \)](#)

[+ Learning outcomes](#)



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STUDY PROGRAMMES

+ First year (version 7)

+ Second year (version 7)

- Full programme (version 7)

- 1 General Courses 36

Course

[Antennas and Propagation](#)

[Design Methodology for FPGAs](#)

[Electromagnetic-aware High Frequency Design](#)

[High-speed Electronics](#)

[Information Theory](#)

[Modulation and Detection](#)

Ref	MTI	Semester	Language	Instructor	Crdt
1		sem 1	en	Hendrik Rogier	6
1		sem 1	en	Dirk Stroobandt	6
1		sem 1	en	Hendrik Rogier	6
1		sem 2	en	Johan Bauwelink	6
1		sem 2	en	Heidi Steendam	6
2		sem 1	en	Marc Moeneclaey	6

- 2 Courses Related to the Main Subject 48

Course

[VLSI Technology and Design](#)

[Sensors and Actuators](#)

[Hardware-design Project](#)

[Technology of Integrated Circuits and Microsystems](#)

Ref	MTI	Semester	Language	Instructor	Crdt
1		sem 1	en	Jan Doutreloigne	6
1		sem 2	en	Herbert De Smet	6
1		sem 2	en	Jan Vanfleteren	6
2		sem 1	en	Maaike Op de Beeck	6

- 2.1 Master's Dissertation

Course

[Master's Dissertation](#)

Ref	MTI	Semester	Language	Instructor	Crdt
2		year	en		24

- 3 Elective Courses 36

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

+ 3.2 Elective Courses: Path 2

Year 1 sem 1: 24 crdts
-> add 6 crdts electives

STUDY PROGRAMMES

– 3 Elective Courses

36

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

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 Electronic Circuits and Systems

+ 3.1.2 Elective Social Courses

+ 3.1.3 Elective Courses Ghent University

– 3.2 Elective Courses: Path 2

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

+ 3.2.1 Elective Courses Electronic Circuits and Systems

+ 3.2.2 Minors

+ 3.2.3 Elective Social Courses

– 3.2.2.1 Minor Operations Management

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

Course

[Manufacturing Planning and Control](#)

[Operations Research Models and Methods](#)

[Quality Engineering and Industrial Statistics](#)

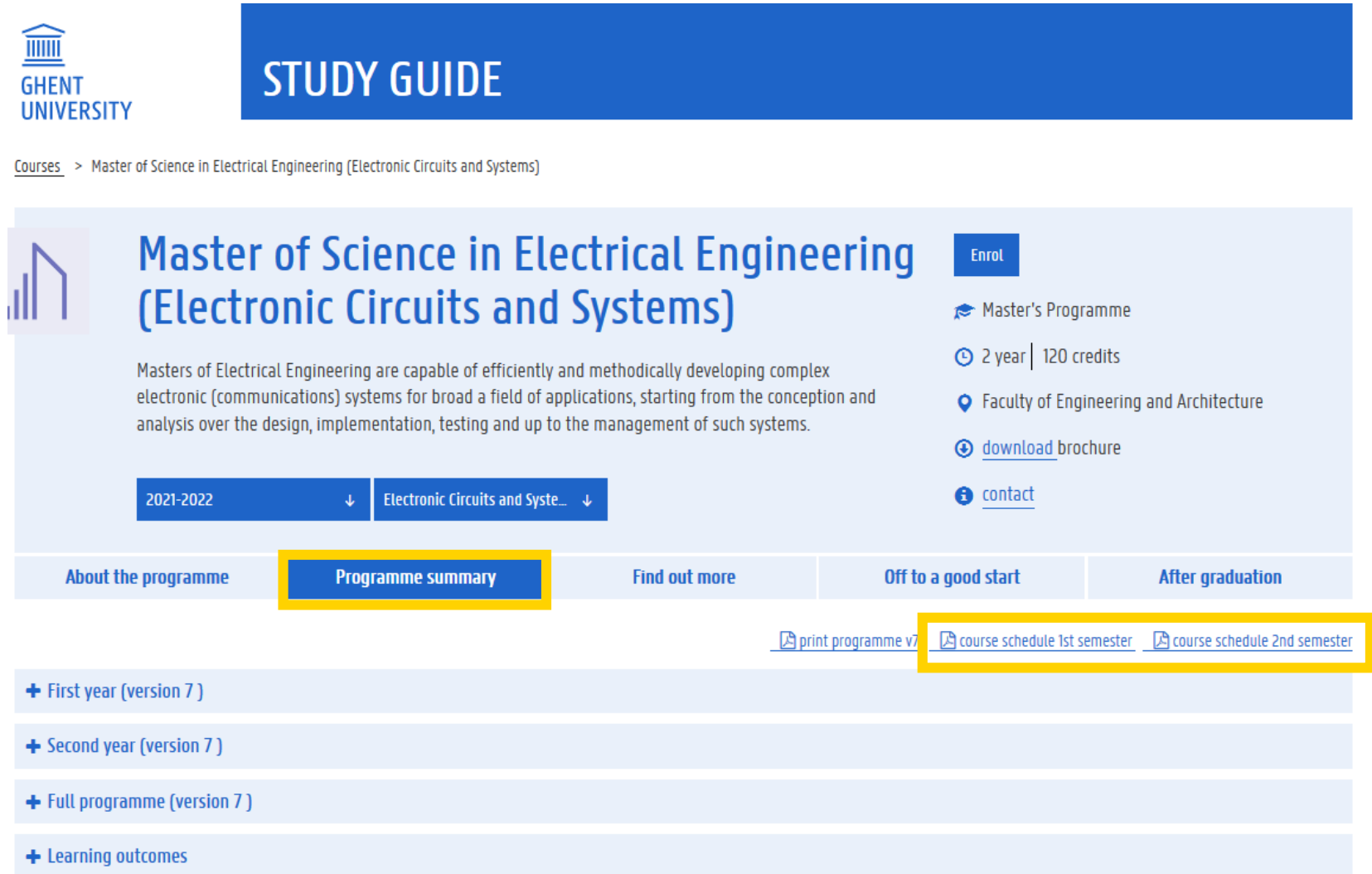
[Engineering Economy](#)


Ref

a

2. COURSE SCHEDULES

Right corner of the course catalogue under ‘programme summary’:
course
schedules



 **STUDY GUIDE**






[Courses](#) > Master of Science in Electrical Engineering (Electronic Circuits and Systems)

Master of Science in Electrical Engineering (Electronic Circuits and Systems)

Masters of Electrical Engineering are capable of efficiently and methodically developing complex electronic (communications) systems for broad a field of applications, starting from the conception and analysis over the design, implementation, testing and up to the management of such systems.

2021-2022 ↓ Electronic Circuits and Syste... ↓

[Enrol](#)

-  Master's Programme
-  2 year | 120 credits
-  Faculty of Engineering and Architecture
-  [download](#) brochure
-  [contact](#)

[About the programme](#) **[Programme summary](#)** [Find out more](#) [Off to a good start](#) [After graduation](#)

[print programme v7](#) **[course schedule 1st semester](#)** **[course schedule 2nd semester](#)**

- + First year (version 7)
- + Second year (version 7)
- + Full programme (version 7)
- + Learning outcomes

COURSE SCHEDULES

Oasis > My calendar

PERSOONLIJK



Rooster



Mijn vakken 22-23 1SEM



Mijn vakken 22-23 2SEM

ROOSTERS



Rooster 22-23 1SEM



Rooster 22-23 2SEM

OVERZICHT



Lokaaloverzicht



Rooster Medewerker

COURSE SCHEDULES

<https://cloud.timeedit.net/ugent/web/student>

Zoeken

Modeltrajectjaar ▾

Zoeken Modeltrajectjaar 🔍 Zoeken

☒ TW
Zoeken ▾

☒ Ba
Zoeken ▾

☒ 1 ☒ 2
Zoeken ▾

Toevoegen: Modeltrajectjaar: TW, Ba + 2

Scheidingsteken + ⓘ

Filter &&

Reset

Resultaat

BSc ind.wet.: bouwkunde, 2022, 1
BSc ind.wet.: bouwkunde, 2022, 2
BSc ind.wet.: chemie, 2022, 1
BSc ind.wet.: chemie, 2022, 2
BSc ind.wet.: elektromechanica, 2022, 1
BSc ind.wet.: elektromechanica, 2022, 2
BSc ind.wet.: elektronica-ICT, 2022, 1
BSc ind.wet.: elektronica-ICT, 2022, 2
BSc ind.wet.: industrieel ontwerpen, 2022, 1

Mijn criteria ⓘ

Sorteer Verwijder

BSc ir.wet.: architectuur , 2022, 1	×
BSc ir.wet.: architectuur , 2022, 2	×

Toon rooster

COURSE SCHEDULES

26-09-2022 - 24-12-2022 🔍 Zoeken BSc ir.wet.: architectuur , 2022, 1, +1 Modeltrajectjaar (2)

🔖 Bewaar favoriet 📅 Abonneren ⬇️ Download 🏠 Filter ✖️ Aanpassen

Datalimieten 26-09-2022 - 24-12-2022

W 39	Maandag 26/9	Dinsdag 27/9	Woensdag 28/9	Donderdag
8	08:30 E044020A, Statica van constructies hoorcollege Auditorium Magnel, Magnel (60), Campus Ardoyen Jan Belis	08:30 E081211A, Architectuurontwerp 2 practicum Atelier 2.4, PlaRoz, Campus Boekentoren, Atelier 2.5, PlaRoz, Campus Boekentoren, Atelier 2.6, PlaRoz, Campus Boekentoren Jan Mannaerts, Johan Lagae	08:30 E081112A, Architectuurontwerp 1 Auditorium N, PlaRoz, Campus Boekentoren Jelle Laverge, Tijl Vanmeirhaeghe	08:30 E080111A, Architectural Theory groepswork Leslokaal 1.3, PlaRoz, Campus Boekentoren Elizabeth Merrill in groepen
9		08:30 E080650A, Ontwerpleer 2 werkcollege: geleide oefeningen Atelier 2.3, PlaRoz, Campus Boekentoren 10:00 E042012A, Inleiding tot de sterkteleer Auditorium Hein Picard, Hoveniersberg, Campus Twekerken Nele De Belie	08:30 E000611A, Wiskundige analyse hoorcollege Auditorium N, PlaRoz, Campus Boekentoren Hendrik De Bie	10:00 E020710A, Fysica 2 hoorcollege Auditorium 7, Gebouw L10, Campus Ledeganck Rino Morent
10				
11				
12				
13	13:00 E000112A, Calculus hoorcollege Auditorium D, PlaRoz, Campus Boekentoren		13:00 E080111A, Architectural Theory 1 hoorcollege Auditorium Magnel, Magnel	13:00 E000112A, Calculus GR02 werkcollege Auditorium D, PlaRoz, Campus Boekentoren Hennie De Schepper

Filter

Activity type

Activity type

Course event

☒ E000112A, Calculus

Zoeken

☒ E000112A, Calculus

☐ E000112A, Calculus GR01

☐ E000112A, Calculus GR02

☐ E000611A, Wiskundige analyse

☐ E020610A, Fysica 1

☐ E020710A, Fysica 2

☐ E042012A, Inleiding tot de sterkteleer

DEADLINES

- Submitting your curriculum for approval: **29 September 2025**
- Adjustments to curriculum with respect to first-term course units: **14 November 2025**
- Adjustments to curriculum with respect to second-term and full-year course units: **28 February 2026**
- Confirmation curriculum by the faculty: **15 November 2025** at the latest

OASIS

OASIS: (RE-)ENROLMENT



Sarah Bogaert In het Nederlands

OASIS

STUDENT

Links

- Homepage
- Course catalogue
- Ufora
- Education and Examination Code
- My calendar

General information

- Enrolments
- Special status
- Job student
- UCT enrolment

My Oasis

- Certificates
- Personal details
- Contact details

Home page

Welcome to OASIS. Whether you are a student or an employee, you will find a great deal of valuable information on the OASIS website. Throughout the academic year, you will also have to take care of several important administrative matters on this website.

In the menu on the left, choose what you want to do. Please note: the menus can vary according to the menu you have chosen at the top of the page (Student, Lecturer in Charge, Chairman,...).

General information

- Enrolments: enrol in a new or current programme in this menu. You will also find your enrolment applications here.
- UCT enrolment: enrol in a course at the University's Language Centre.

My Oasis

Consult and edit your personal information in this menu: your address, contact information, language skills... You can also print certificates in this menu, such as a certificate of enrolment or a certificate for the Belgian Railways (NMBS).

Menus available per academic year

- Curriculum: consult and edit your curriculum for a specific academic year. At the end of each examination session, you can print your transcript of records here.
- Exchange: if you want to go abroad during your studies, apply for enrolment in this menu.
- My courses: this is a list of the courses in your curriculum, with extra information available about each course.
- Tuition fee: this menu contains information about the tuition fee.
- Educational evaluations: evaluate the courses that you are following in this menu.
- Housing applications: apply for a room or apartment at Ghent University here.



OASIS: (RE-)ENROLMENT



Sarah Bogaert In het Nederlands

OASIS

STUDENT

Links

- Homepage
- Course catalogue
- Ufora
- Education and Examination Code
- My calendar

General information

- Enrolments
- Special status
- Job student
- UCT enrolment

Enrolments and enrolment applications

This list is limited to active enrolments and enrolment applications. [Delete filter](#)

Apply for enrolment

Diploma contract from 2020-2021

Joint Section Bachelor of Science in Engineering

Credits to achieve : 60

You are enrolled in AY 2020-2021.

Diploma contract from 2020-2021

International Master of Science in Biomedical Engineering

Credits to achieve : 120

You are enrolled in AY 2020-2021.



OASIS: EDIT YOUR CURRICULUM



OASIS

STUDENT TRBE (NOT TRANSLATED!)

Links

- Homepage
- Study guide
- Ufora
- Education and Examination Code
- My calendar

+ General information

+ My Oasis

+ Choice of study

— AY 2023-2024

Curriculum

→ Edit curriculum (TW)

→ Exchange

→ Exemptions

Housing

→ Housing applications

Enrolments and enrolment applications

This list is limited to active enrolments and enrolment applications. [Delete filter](#)

Apply for enrolment

Diploma contract from 2023-2024

Bachelor of Science in Engineering: Computer Science Engineering

Credits to achieve : 180

You are enrolled in AY 2023-2024.

OASIS: EDIT YOUR CURRICULUM

Links

- [Homepage](#)
- [Study guide](#)
- [Ufora](#)
- [Education and Examination Code](#)
- [My calendar](#)

+ [General information](#)

+ [My Oasis](#)

+ [Choice of study](#)

– [AY 2023-2024](#)

Curriculum

- [Edit curriculum \(TW\)](#)
- [Exchange](#)
- [Exemptions](#)

Enrollments 2023-2024

Click the button **Curriculum** in the programme or main subject line to access its curriculum.

As soon as the curriculum is ready, select it by clicking its checkbox, then hit the button **Submit for approval** to send it to the faculty's Student Administration.

Possible actions on the selection:

[Submit for approval](#)

[Accept curriculum](#)

[Print curriculum](#)

[Print document of admission](#)

[Self-reflection report](#)

<input type="checkbox"/>	Student No.	Student	Main subject code	Status	Actions
<input type="checkbox"/>	20054595	Sarah Bogaert	EBIRWECO - Bachelor of Science in Engineering: Computer Science Engineering	Proposal	History Curriculum

OASIS: EDIT YOUR CURRICULUM

Curriculum of student 20054595 Sarah Bogaert - academic year 2023-2024 ?

EBIRWECO - Bachelor of Science in Engineering: Computer Science Engineering, version 3




Edit curriculum


On this page you can see your entire curriculum for one specific study programme. Both the courses that you have already passed and the freshly chosen courses for this year are shown. This year's curriculum may already have been entirely or partly composed for you. So long as it is still a draft, you can edit it on this tab.

☒ Taken up in this year

number of credits taken up in this programme: 17

total number of credits taken up this academic year: 17

Name	Code	AY	MTI	Semester	Ref	Language	Location	Crdt	Instructor	Status	Actions
1 General Courses	A										
4 Discrete Mathematics I	E001460	2023	1	1		nl	Ghent	4	Mario Pickavet	Taken	
7 Informatics	E015041	2023	1	J		nl	Ghent	6	Bart Dhoedt	Taken	
9 Geometry and Linear Algebra	E000662	2023	1	2		nl	Ghent	7	Hennie De Schepper	Taken	
2 General Courses	A										
3 Courses Related to the Main Subject	Z										


 [Back to overview](#)

[Open course catalogue...](#)

[Overview approved accommodations](#)

[Overview of educational accommodations](#)

OASIS: EDIT YOUR CURRICULUM

Curriculum of student 20054595 Sarah Bogaert - academic year 2023-2024 

EBIRWECO - Bachelor of Science in Engineering: Computer Science Engineering, version 3










Edit curriculum

On this page you can see your entire curriculum for one specific study programme. Both the courses that you have already passed and the freshly chosen courses for this year are shown. This year's curriculum may already have been entirely or partly composed for you. So long as it is still a draft, you can edit it on this tab.

☒ Taken up in this year

number of credits taken up in this programme: 17

total number of credits taken up this academic year: 17

Name	Code	AY	MT1	Semester	Ref	Language	Location	Crdt	Instructor	Status	Actions
1 General Courses	A										
4 Discrete Mathematics I	E001460	2023	1	1		nl	Ghent	4	Mario Pickavet	Taken	
7 Informatics	E015041	2023	1	J		nl	Ghent	6	Bart Dhoedt	Taken	
9 Geometry and Linear Algebra	E000662	2023	1	2		nl	Ghent	7	Hennie De Schepper	Taken	
2 General Courses	A										
1 Electrical Circuits and Networks	E090320		2	1		nl	Ghent	6	Inge Nys		
2 Mechanics of Materials	E040420		2	1		nl	Ghent	3	Wim Van Paepegem		
3 Physics II	E020220		2	1		nl	Ghent	6	Christophe Leys		
4 Mathematical Analysis III	E001321		2	1		nl	Ghent	6	Hendrik De Bie		
5 Analysis of Systems and Signals	E005020		2	1		nl	Ghent	6	Gert De Cooman		
6 Sustainable Business Operations	E076040		2	1		nl	Ghent	3	Ludo Poelaert		
3 Courses Related to the Main Subject	Z										

OASIS: SUBMIT FOR APPROVAL

STUDENT

Enrollments 2017-2018

Click the button **Curriculum** in the programme or main subject line to access its curriculum.

As soon as the curriculum is ready, select it by clicking its checkbox, then hit the button **Submit for approval** to send it to the faculty's Student Administration.

Possible actions on the selection:

Submit for approval

Accept curriculum

Print curriculum

Print Transcript of Records

Print document of admission

<input type="checkbox"/>	Student No.	Student	Main subject code	Status	Actions
<input checked="" type="checkbox"/>			EMELMEMC - Master of Science in Electromechanical Engineering: Mechanical Construction	Draft	History Curriculum

OASIS: SUBMIT FOR APPROVAL

Comment window

You are about to submit a curriculum of 42 credit units.

The typical credit load for a full-time student is 60 credit units per academic year.

Are you sure that your curriculum for this year is complete and that you want to submit it in this way? If that is not the case, please select the cancel button on this page to return to the previous page to adjust your curriculum.

course	credits
Controlled Electrical Drives	6
Turbomachines	6
Displacement Pumps, Compressors and IC Engine Fundamentals	6
ICT and Mechatronics	6
Mechanical Vibrations	6
Automotive Technology	3
Modelling of Turbulence and Combustion	3
Thermal-hydraulics and Safety Analysis of Nuclear Systems	6

Below you can add a comment addressed to the administration regarding the curriculum you are about to submit.

Note that once you have submitted the curriculum, you can no longer edit it yourself and you should contact the faculty's Student Administration.

Continue curriculum submission

Cancel

OASIS: SUBMIT FOR APPROVAL

- Attention: as from the moment you submit your curriculum for approval, you can't make changes to it anymore yourself.
- Contact studietrajectIR.ea@ugent.be

OASIS: ACCEPT YOUR CURRICULUM

STUDENT

Enrollments 2017-2018

Click the button **Curriculum** in the programme or main subject line to access its curriculum.

As soon as the curriculum is ready, select it by clicking its checkbox, then hit the button **Submit for approval** to send it to the faculty's Student Administration.

Possible actions on the selection:

[Submit for approval](#)

[Accept curriculum](#)

[Print curriculum](#)

[Print Transcript of Records](#)

[Print document of admission](#)

<input type="checkbox"/>	Student No.	Student	Main subject code	Status	Actions
<input checked="" type="checkbox"/>			EMELMEMC - Master of Science in Electromechanical Engineering: Mechanical Construction	Proposal	History Curriculum

OASIS: APPROVAL

- Pending the approval of your curriculum: already start attending the lessons as from the start of the academic year (22/09)!
- Questions