



EDUCATION QUALITY AUDIT

Self-Evaluation Report
15 November 2021

PART B - Annexes

Accreditation of Flemish Engineering Programmes by the Commission des Titres d'Ingénieur

Ghent University
Faculty of Engineering and Architecture

Education Quality Audit
Self-Evaluation Report – November 2021
PART B - ANNEXES

Accreditation of Flemish Engineering Programmes by the *Commission des Titres d'Ingénieur*

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ANNEX 1.1

BACHELOR OF SCIENCE IN ENGINEERING: ARCHITECTURE

(1) Number of students enrolled in the bachelor programme (last three years)

	First enrolment	Total
AY 2021-2022	159	434
AY 2020-2021	139	393
AY 2019-2020	127	374

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	52	41	93
AY 2019-2020	35	54	89
AY 2018-2019	39	39	78

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	Total
AY 2020-2021	50 (53,8%)	33 (35,5%)	8 (8,6%)	2 (2,1%)	93
AY 2019-2020	65 (73%)	20 (22,5%)	4 (4,5%)	0 (0%)	89
AY 2018-2019	53 (67,9%)	19 (24,4%)	5 (6,4%)	1 (1,3%)	78

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-architectuur/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

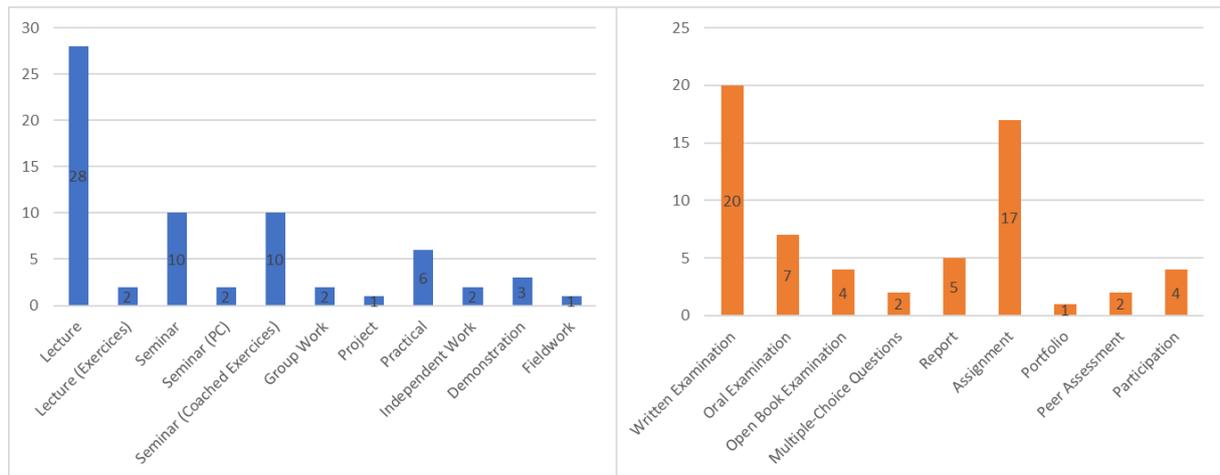


Figure 1: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (177 ECTS) are counted

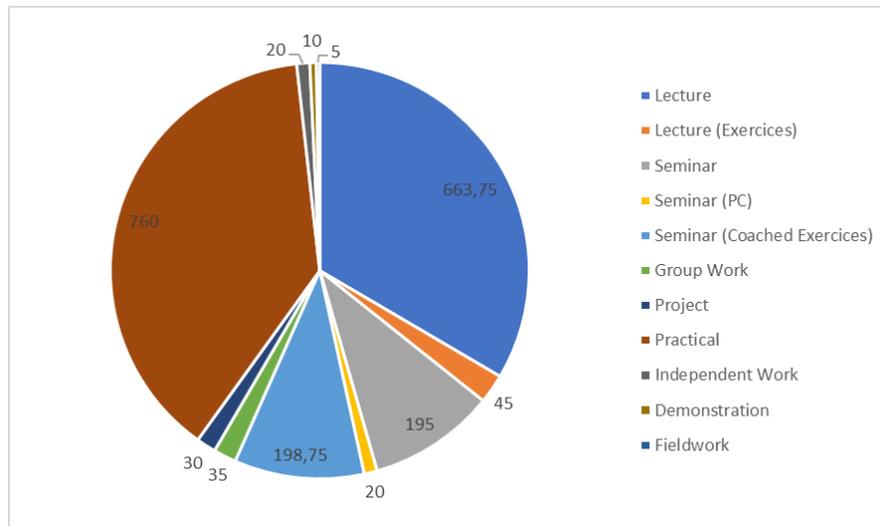


Figure 2: Number of hours(*) spent on the different teaching methods in the mandatory courses (177 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.2

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT BIOMEDICAL ENGINEERING

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	47	107
AY 2020-2021	51	101
AY 2019-2020	59	59

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	16	19	35
AY 2019-2020	2	6	8
AY 2018-2019	No graduates (new programma)		

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years), first offered in AY 2019-2020 (new programme)
The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	2 years	3 years	4 years	> 5 years	Total
AY 2020-2021	3 (8,6%)	32 (91,4%)	-	-	35
AY 2019-2020	8 (100%)	-	-	-	8
AY 2018-2019	-	-	-	-	-

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-biomedische-ingenieurstechnieken/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Defintief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

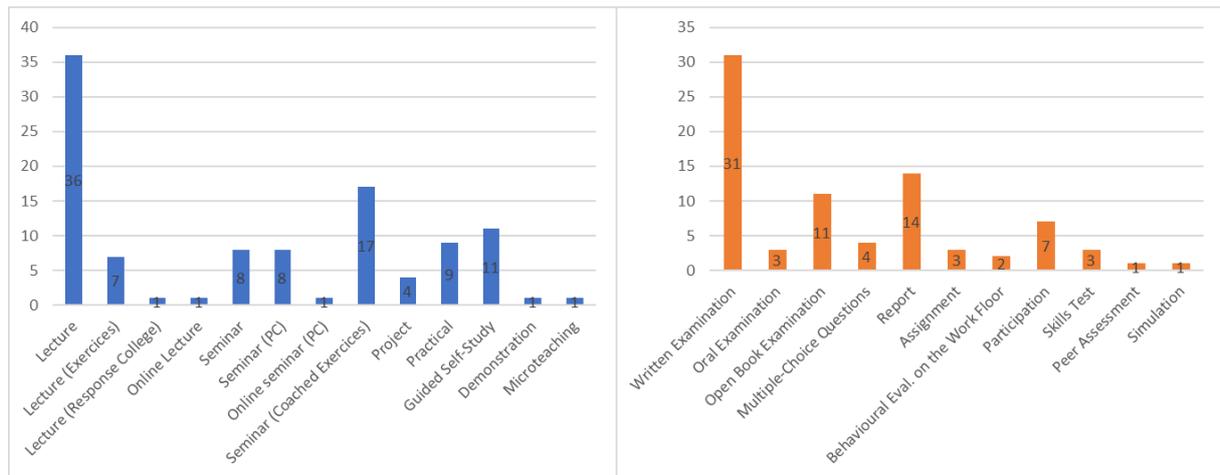


Figure 3: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (180 ECTS) are counted

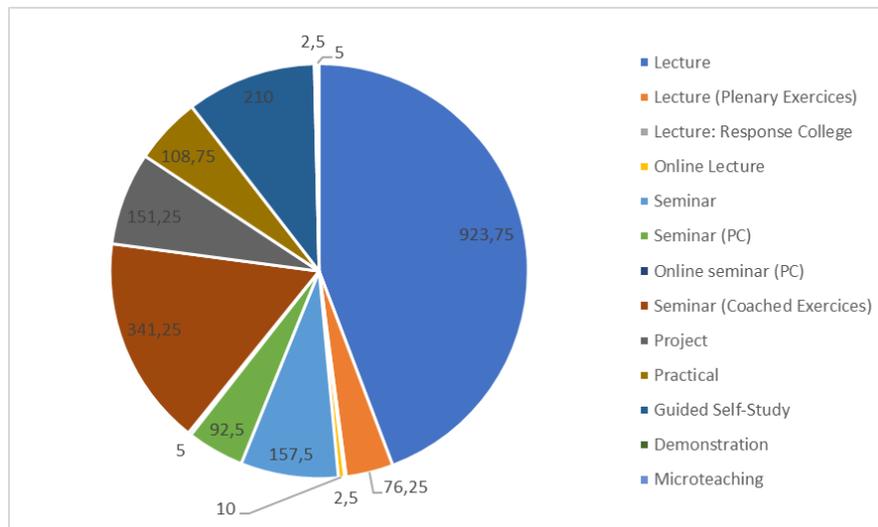


Figure 4: Number of hours(*) spent on the different teaching methods in the mandatory courses (180 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.3

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT CHEMICAL ENGINEERING AND MATERIALS SCIENCE

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	42	60
AY 2020-2021	21	62
AY 2019-2020	31	73

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	23	7	30
AY 2019-2020	25	4	29
AY 2018-2019	18	14	32

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	Total
AY 2020-2021	19 (63,3%)	10 (33,3%)	1 (3,3%)	-	30
AY 2019-2020	20 (69%)	5 (17,2%)	2 (6,9%)	2 (6,9%)	29
AY 2018-2019	26 (81,3%)	6 (18,7%)	-	-	32

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-chemische-technologie-en-materiaalkunde-EBIRWECM/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Defintief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

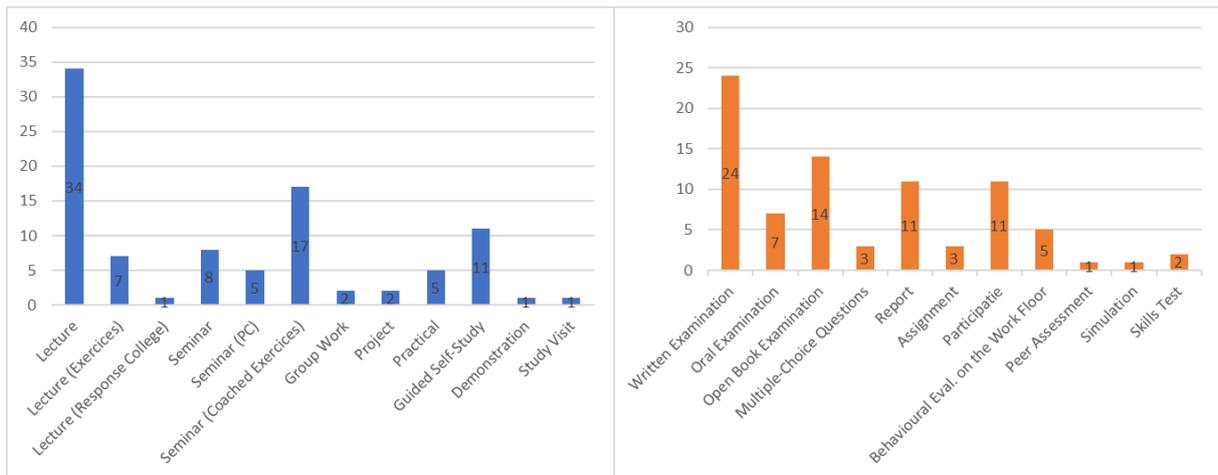


Figure 5: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (180 ECTS) are counted

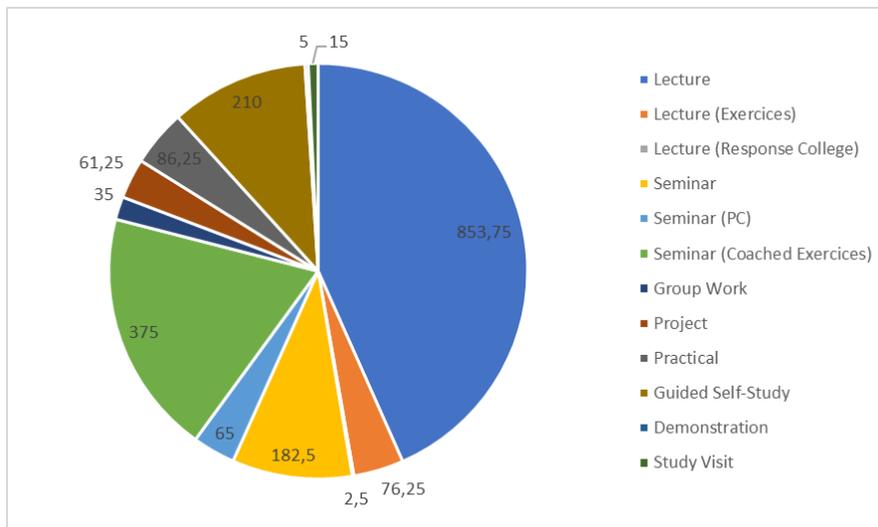


Figure 6: Number of hours(*) spent on the different teaching methods in the mandatory courses (180 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.4

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT CIVIL ENGINEERING

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	44	73
AY 2020-2021	34	100
AY 2019-2020	46	93

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	31	17	48
AY 2019-2020	18	7	25
AY 2018-2019	25	7	32

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	total
AY 2020-2021	35 (72,9%)	10 (20,8%)	3 (6,3%)	-	48
AY 2019-2020	9 (36%)	11 (44%)	3 (12%)	2 (8%)	25
AY 2018-2019	20 (62,5%)	9 (28,1%)	2 (6,3%)	1 (3,1%)	32

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-bouwkunde-EBIRWEBO/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Defintief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

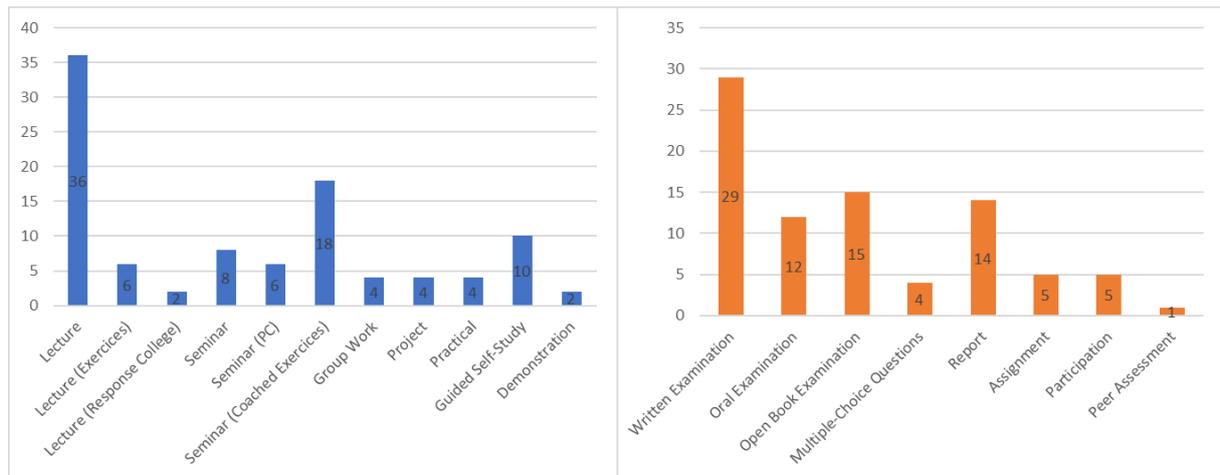


Figure 7: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (177 ECTS) are counted

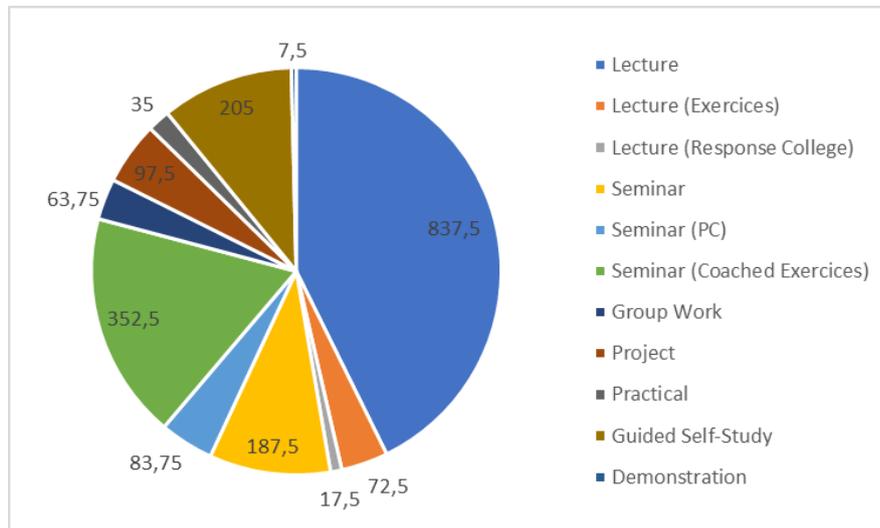


Figure 8: Number of hours(*) spent on the different teaching methods in the mandatory courses (177 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.5

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT COMPUTER SCIENCE ENGINEERING

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	72	132
AY 2020-2021	74	157
AY 2019-2020	53	144

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	48	8	56
AY 2019-2020	51	4	55
AY 2018-2019	37	6	43

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	Total
AY 2020-2021	38 (67,8%)	16 (28,6%)	1 (1,8%)	1 (1,8%)	56
AY 2019-2020	33 (60%)	11 (20%)	9 (16,4%)	2 (3,6%)	55
AY 2018-2019	32 (74,4%)	6 (14%)	4 (9,3%)	1 (2,3%)	43

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-computerwetenschappen-EBIRWECO/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

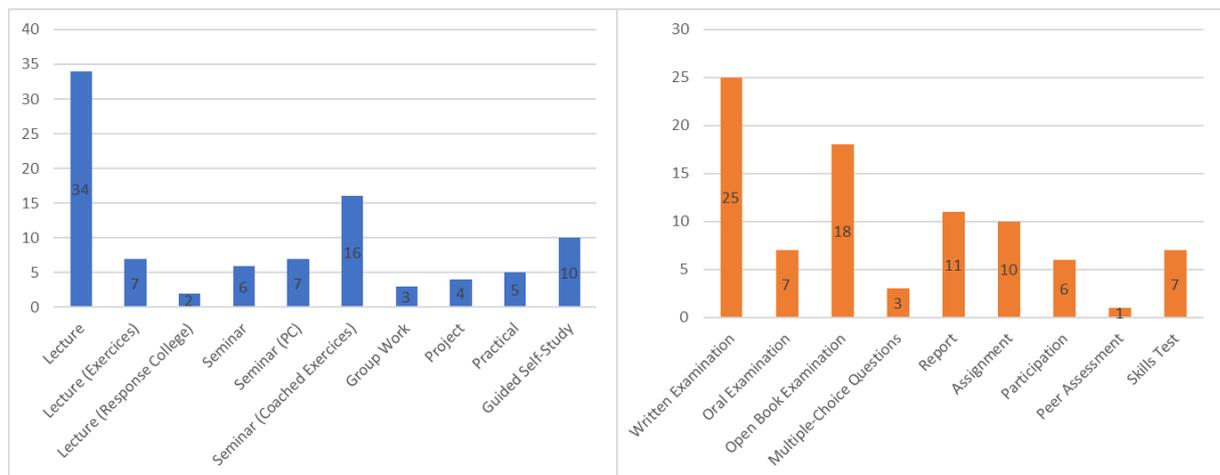


Figure 9: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (180 ECTS) are counted

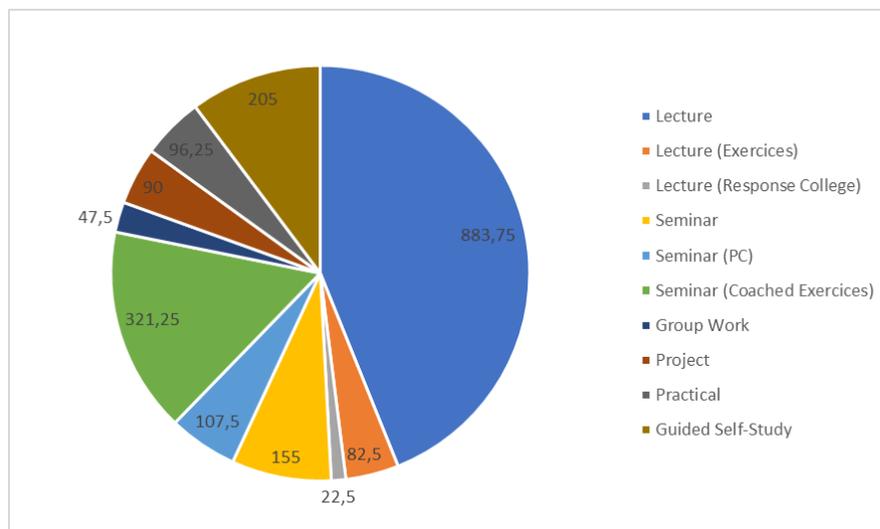


Figure 10: Number of hours(*) spent on the different teaching methods in the mandatory courses (180 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.6

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT ELECTRICAL ENGINEERING

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	39	56
AY 2020-2021	18	60
AY 2019-2020	31	76

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	28	2	30
AY 2019-2020	30	2	32
AY 2018-2019	18	2	20

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	Total
AY 2020-2021	21 (70%)	8 (26,7%)	1 (3,3%)	-	30
AY 2019-2020	23 (71,9%)	6 (18,8%)	1 (3,1%)	2 (6,2%)	32
AY 2018-2019	15 (75%)	5 (25%)	-	-	20

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-elektrotechniek-EBIRWEEL/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Defintief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

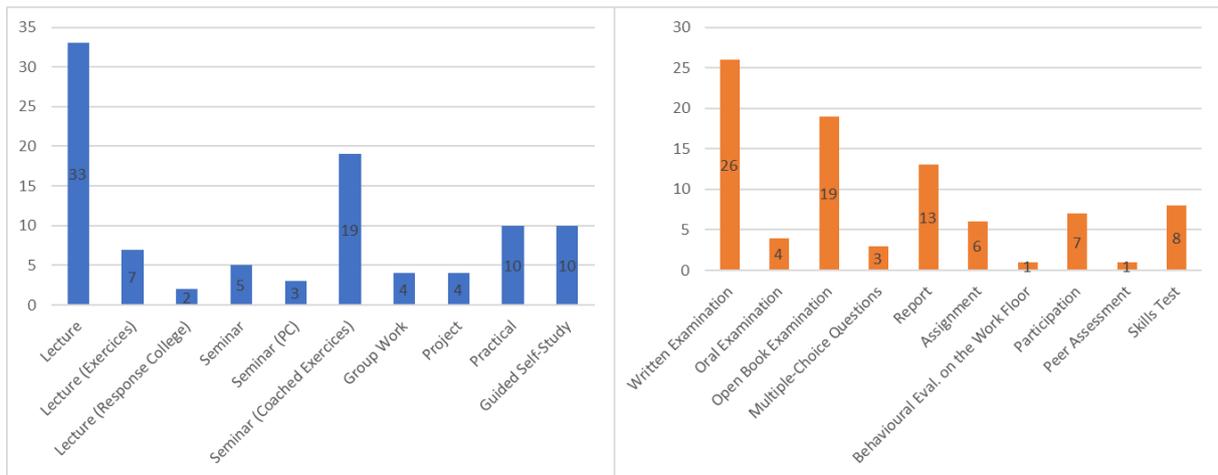


Figure 11: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (180 ECTS) are counted

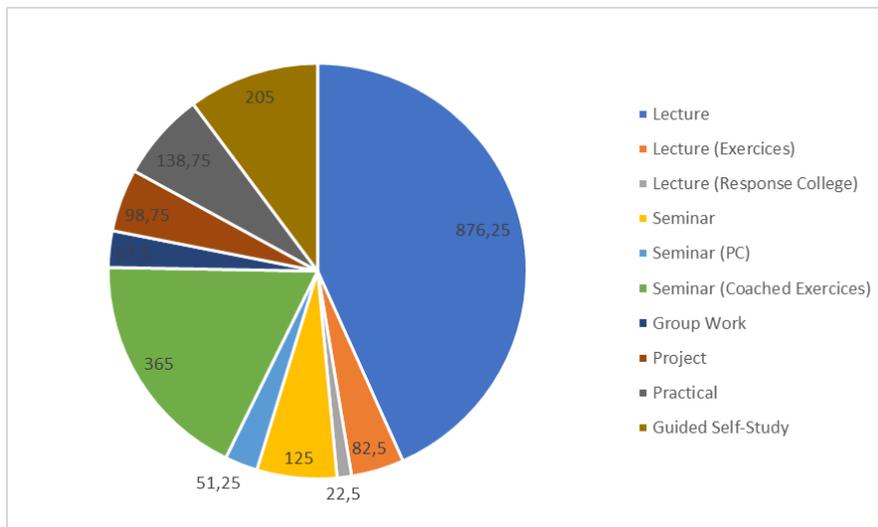


Figure 12: Number of hours(*) spent on the different teaching methods in the mandatory courses (180 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.7

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT ELECTROMECHANICAL ENGINEERING

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	112	177
AY 2020-2021	72	177
AY 2019-2020	73	182

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	53	8	61
AY 2019-2020	60	8	68
AY 2018-2019	49	9	58

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	Total
AY 2020-2021	40 (65,6%)	16 (26,2%)	2 (3,3%)	3 (4,9%)	61
AY 2019-2020	44 (64,7%)	15 (22,1%)	8 (11,8%)	1 (1,4%)	68
AY 2018-2019	35 (60,3%)	16 (27,6%)	6 (10,3%)	1 (1,7%)	58

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-werktuigkunde-elektrotechniek-EBIRWEWE/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Defintief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

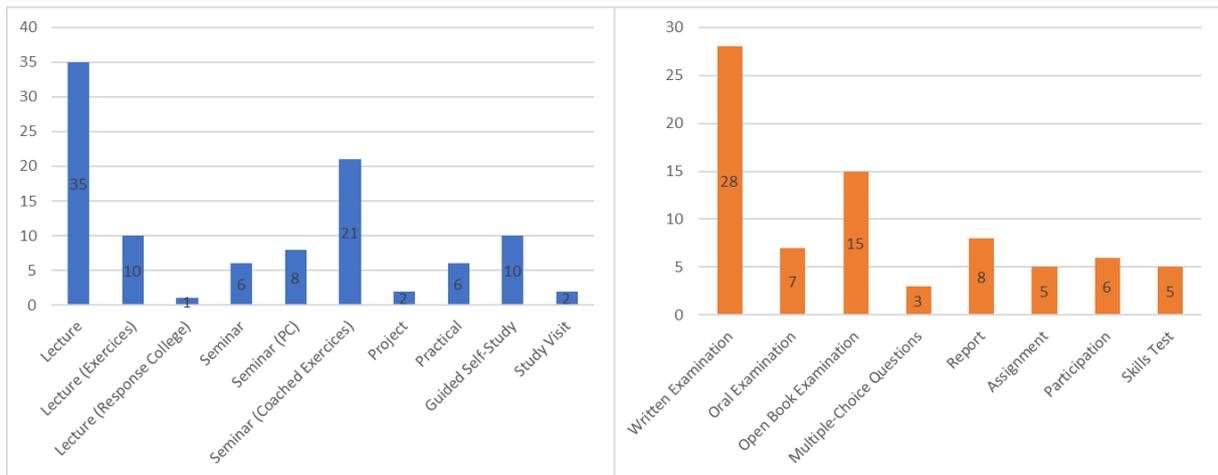


Figure 13: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (180 ECTS) are counted

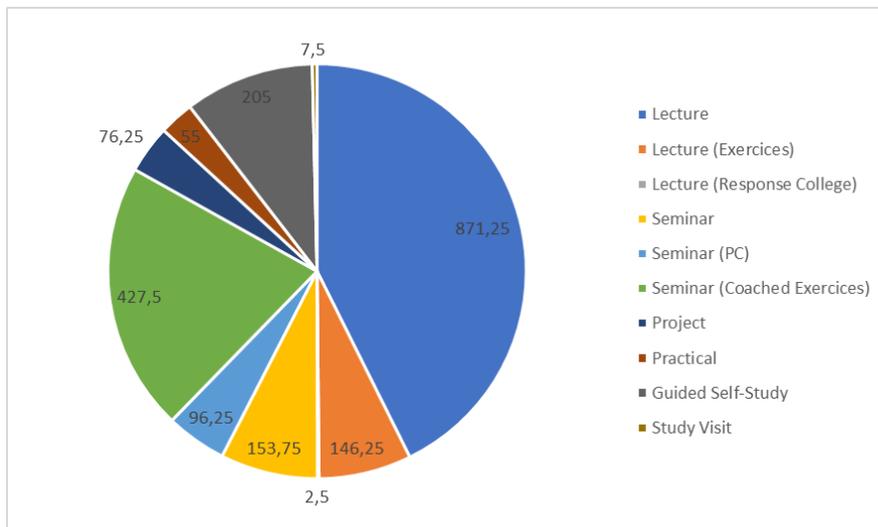


Figure 14: Number of hours(*) spent on the different teaching methods in the mandatory courses (180 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 1.8

BACHELOR OF SCIENCE IN ENGINEERING MAIN SUBJECT ENGINEERING PHYSICS

(1) Number of students enrolled in the bachelor programme (last three years)

As the first year of the bachelor in engineering programmes is a common year, the first enrolment numbers in the table below imply first enrolment in the second bachelor year of the specific programme.

	First enrolment	Total
AY 2021-2022	41	65
AY 2020-2021	26	59
AY 2019-2020	30	53

(2) Number of graduates of the bachelor programme (last three years)

	Male	Female	Total
AY 2020-2021	18	2	20
AY 2019-2020	17	1	18
AY 2018-2019	25	7	32

(3) Duration of the engineering degree programme in years (including average total of study period)

Bachelor programme = 180 ECTS (3 years)

The table below shows the number of graduates per academic year, including the total study period for obtaining the bachelor degree (percentages between parentheses)

	3 years	4 years	5 years	> 5 years	Total
AY 2020-2021	18 (90%)	2 (10%)	-	-	20
AY 2019-2020	15 (83,3%)	2 (11,1%)	1 (5,6%)	-	18
AY 2018-2019	25 (78,1%)	5 (15,6%)	1 (3,1%)	1 (3,1%)	32

(4) Link to description of the bachelor programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/bachelor-of-science-in-de-ingenieurswetenschappen-toegepaste-natuurkunde-EBIRWETN/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

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(7) Teaching and evaluation methods

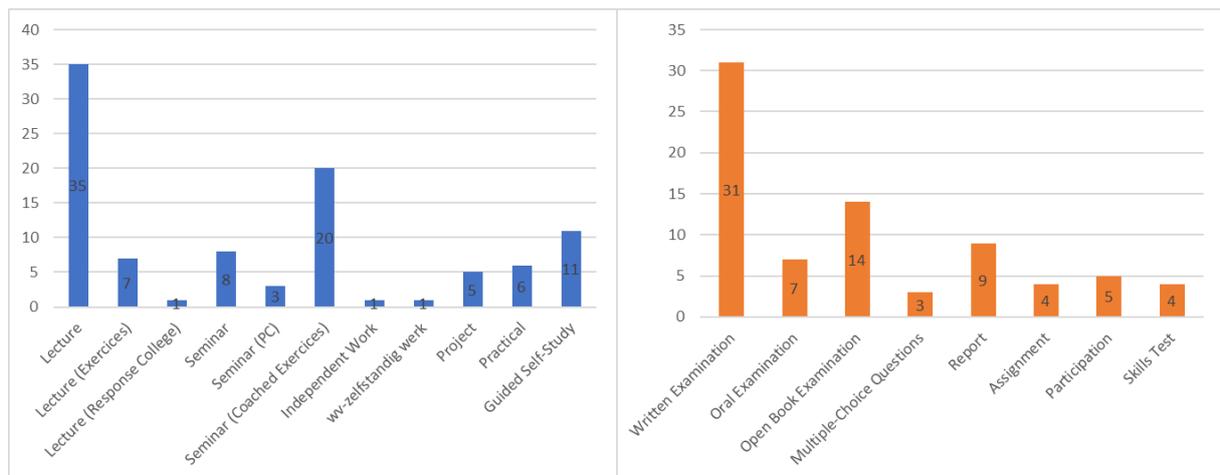


Figure 15: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (180 ECTS) are counted

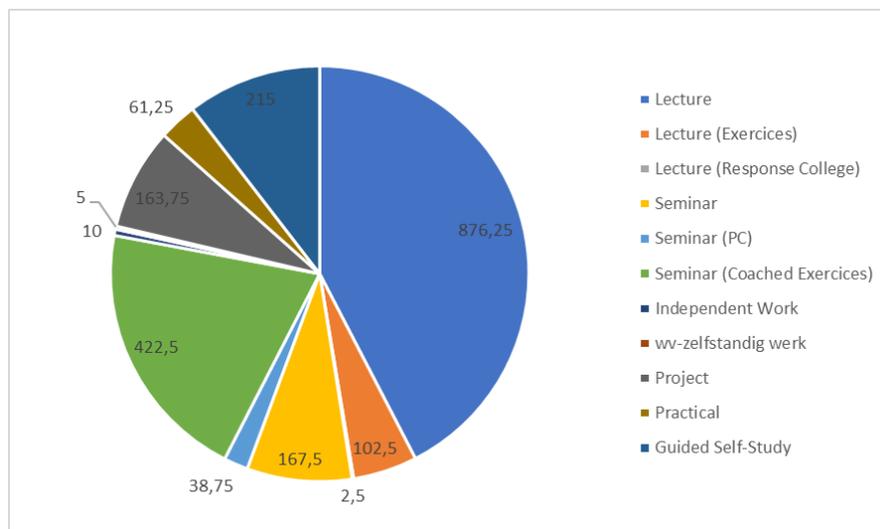


Figure 16: Number of hours(*) spent on the different teaching methods in the mandatory courses (180 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.1

MASTER OF SCIENCE IN ENGINEERING: ARCHITECTURE

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	92	233
AY 2020-2021	110	228
AY 2019-2020	83	181

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	42	39	81
AY 2019-2020	26	32	58
AY 2018-2019	29	33	62

(3) Number of PhD students (including diploma origin) for *Doctor of Architectural Sciences and Engineering*

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non-UGent)	Foreign diploma	Total
AY 2020-2021	18	1	5	9	33

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

Main subject Architectural Design and Construction Techniques:

<https://studiekiezer.ugent.be/master-of-science-in-engineering-architecture-architectural-design-and-construction-techniques/programma/2021>

Main subject Urban Design and Architecture:

<https://studiekiezer.ugent.be/master-of-science-in-engineering-architecture-urban-design-and-architecture/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

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(7) Teaching and evaluation methods

MAIN SUBJECT ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNIQUES

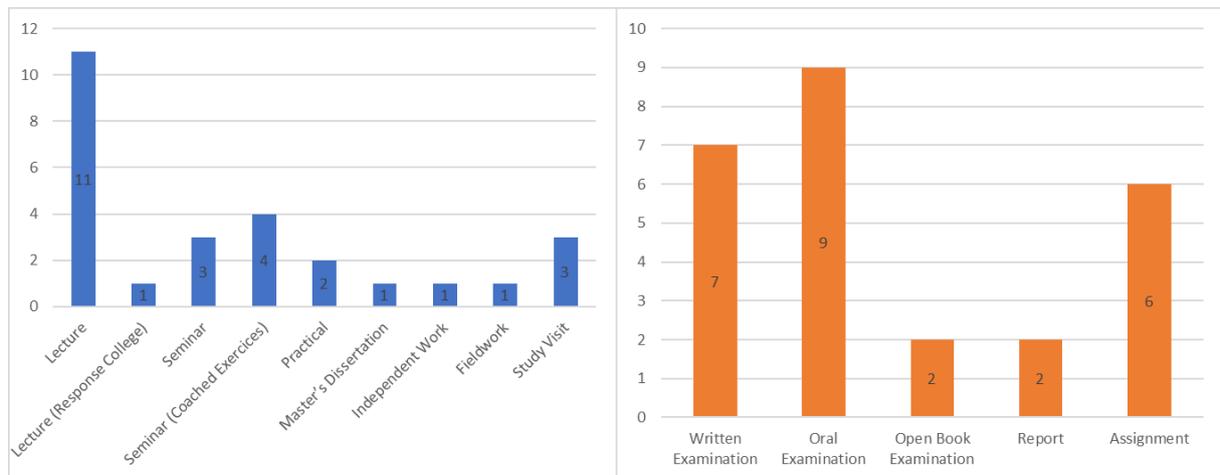


Figure 17: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (93 ECTS) are counted

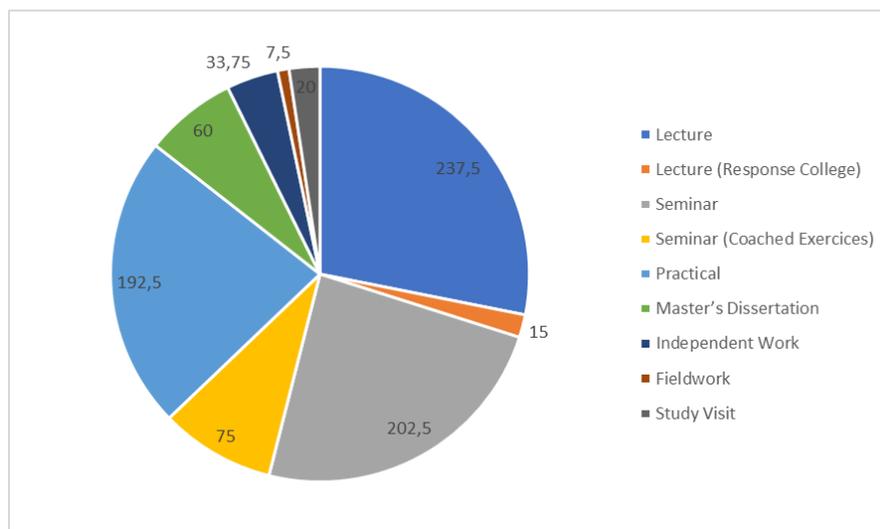


Figure 18: Number of hours(*) spent on the different teaching methods in the mandatory courses (93 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAIN SUBJECT URBAN DESIGN AND ARCHITECTURE

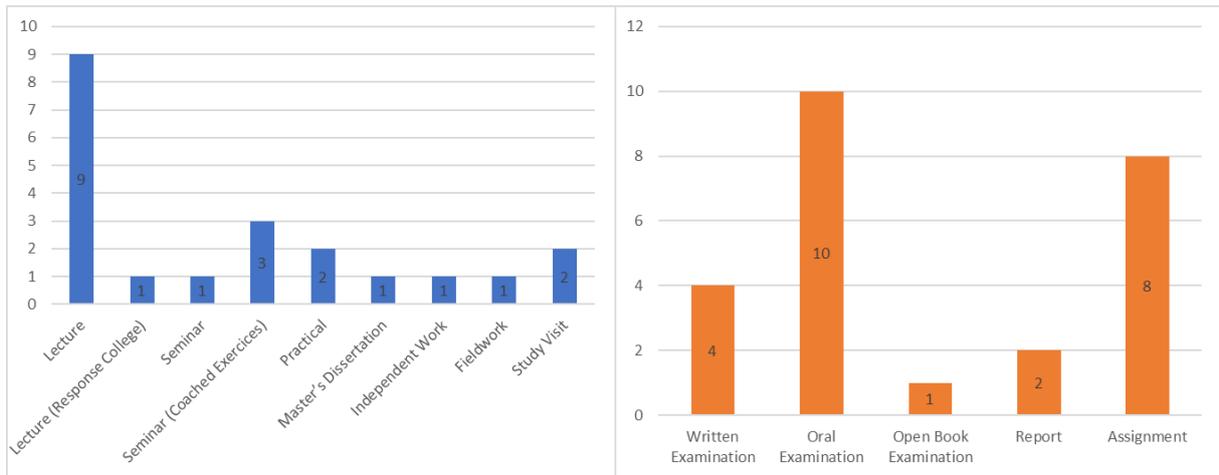


Figure 19: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (93 ECTS) are counted

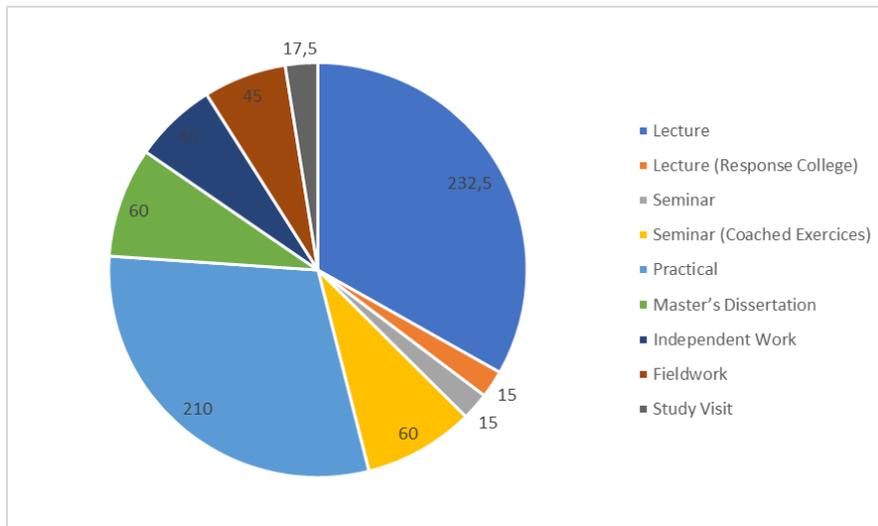


Figure 20: Number of hours(*) spent on the different teaching methods in the mandatory courses (93 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.2

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	44	83
AY 2020-2021	36	71
AY 2019-2020	24	63

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	15	14	29
AY 2019-2020	13	12	25
AY 2018-2019	17	8	25

(3) Number of PhD students (including diploma origin) in academic year 2020-2021 for *Doctor of Biomedical Engineering*

	UGent/VUB diploma in engineering	UGent/VUB diploma (not in engineering)	Belgian diploma (other university)	Foreign diploma	Total
PhD at UGent	19	0	3	24	46

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/master-of-science-in-biomedical-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation reports (NVAO)

https://search.nvao.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

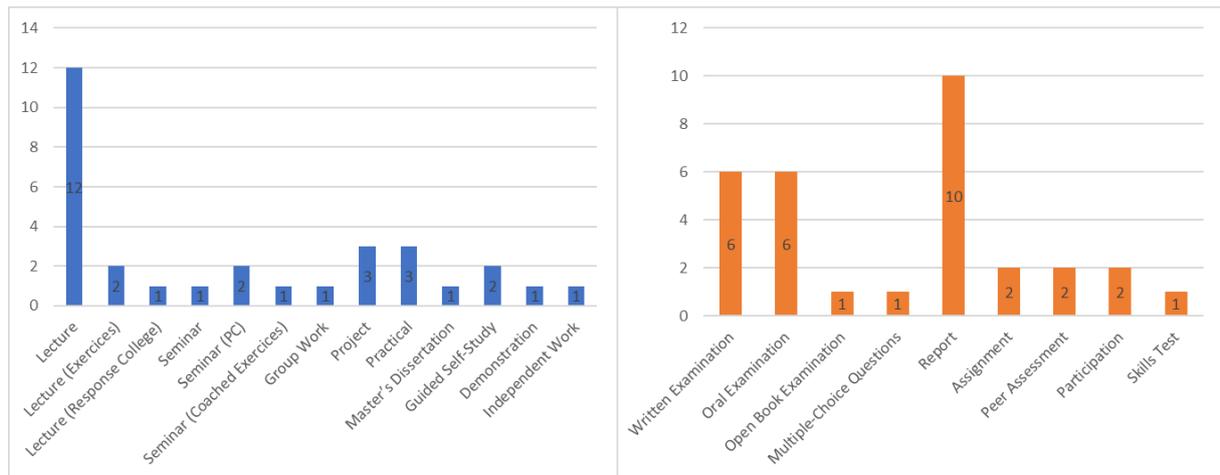


Figure 21: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (84 ECTS) are counted

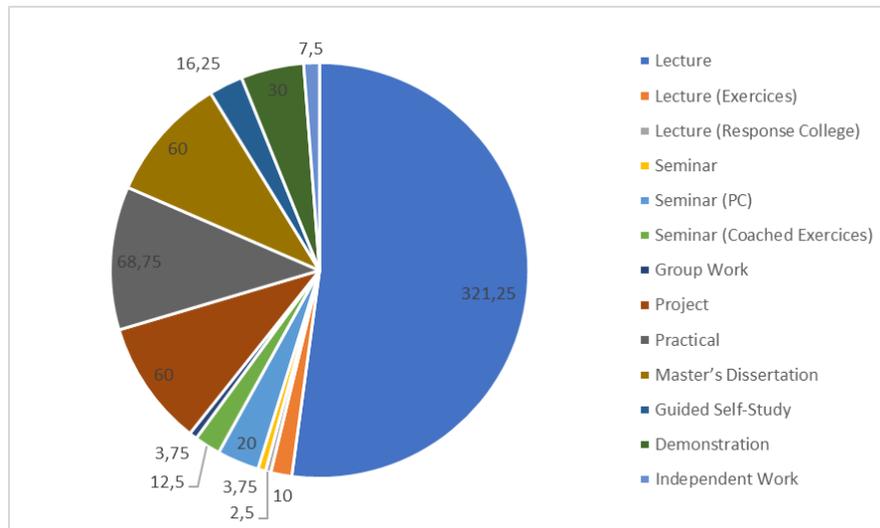


Figure 22: Number of hours(*) spent on the different teaching methods in the mandatory courses (84 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.3

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	24	64
AY 2020-2021	38	59
AY 2019-2020	19	42

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	16	3	19
AY 2019-2020	15	6	21
AY 2018-2019	27	4	31

(3) Number of PhD students (including diploma origin) for *Doctor of Chemical Engineering*

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non-UGent)	Foreign diploma	Total
AY 2020-2021	26	0	2	57	85

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/master-of-science-in-chemical-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788fd514b28_20171708%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20UG%20005540%20-%20005544.pdf

(7) Teaching and evaluation methods

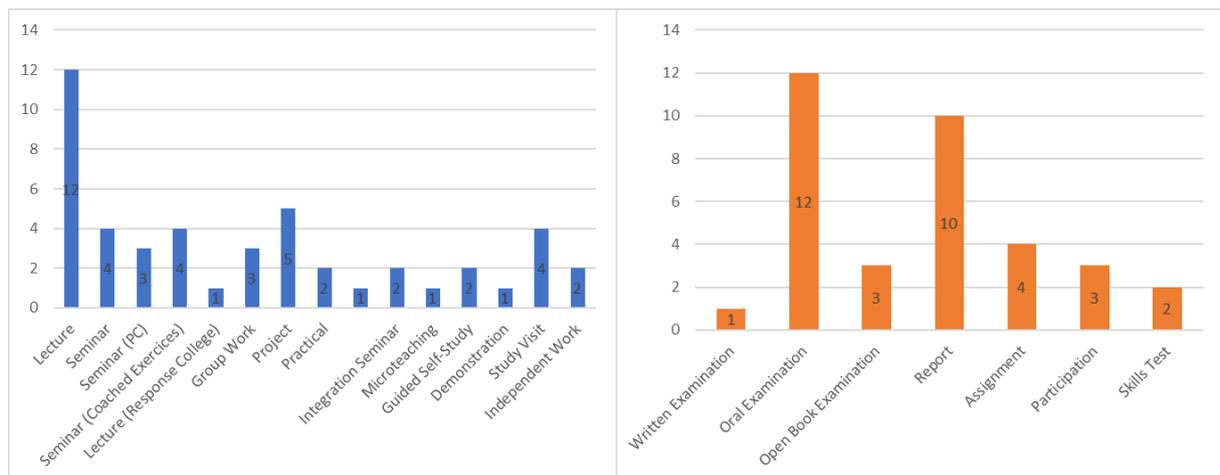


Figure 23: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

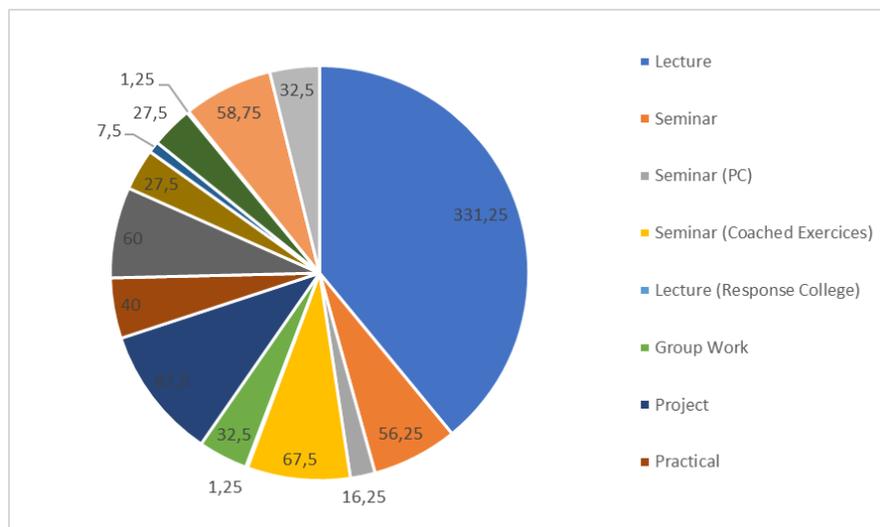


Figure 24: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	12	29
AY 2020-2021	14	30
AY 2019-2020	14	31

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	8	4	12
AY 2019-2020	12	3	15
AY 2018-2019	11	4	15

**(3) Number of PhD students (including diploma origin)
for Doctor of Materials Engineering**

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non- UGent)	Foreign diploma	Total
AY 2020-2021	28	2	1	32	63

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/master-of-science-in-sustainable-materials-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

MAJOR METAL SCIENCE AND ENGINEERING

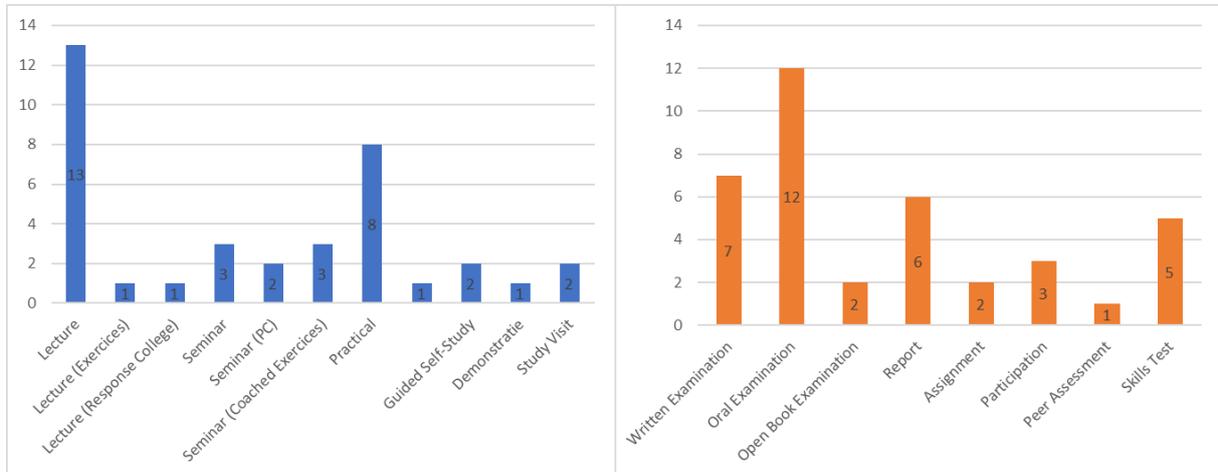


Figure 25: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (102 ECTS) are counted

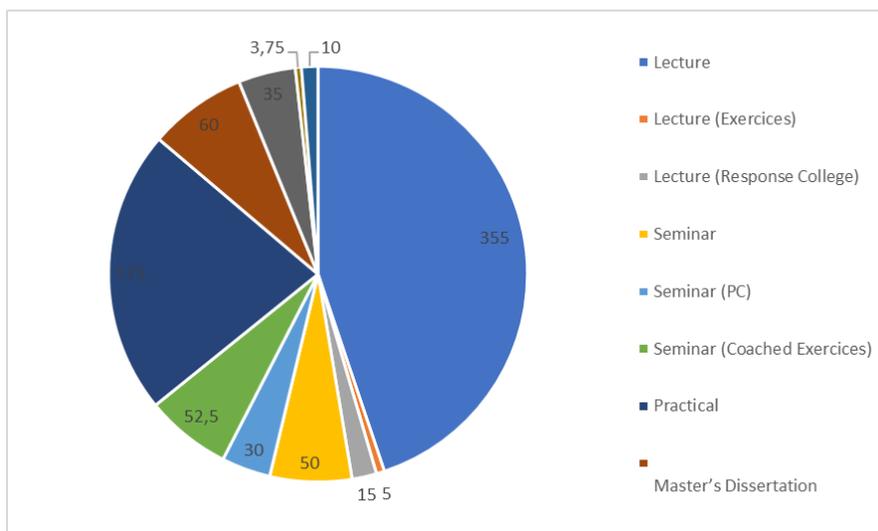


Figure 26: Number of hours(*) spent on the different teaching methods in the mandatory courses (102 ECTS) (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAJOR POLYMER AND FIBRE ENGINEERING

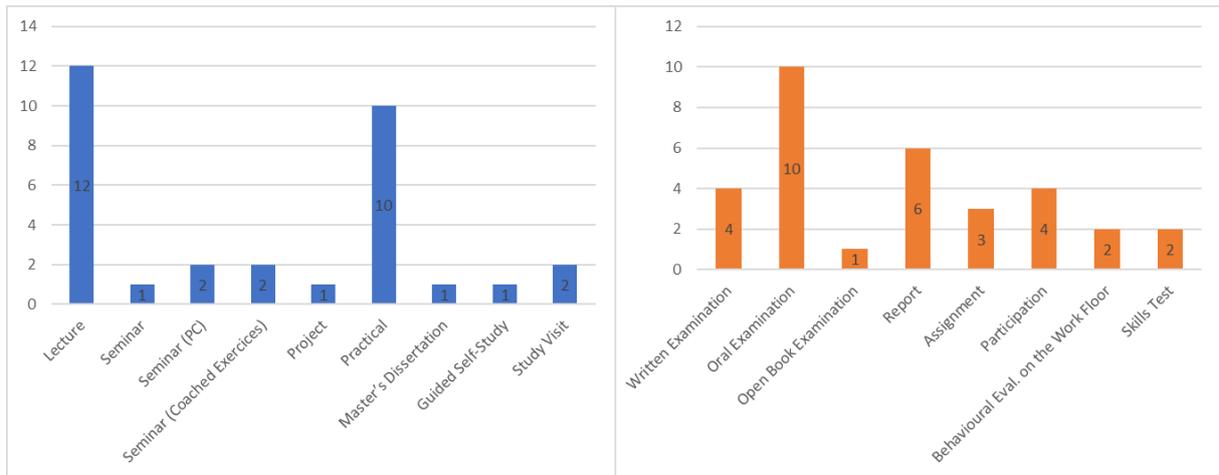


Figure 27: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

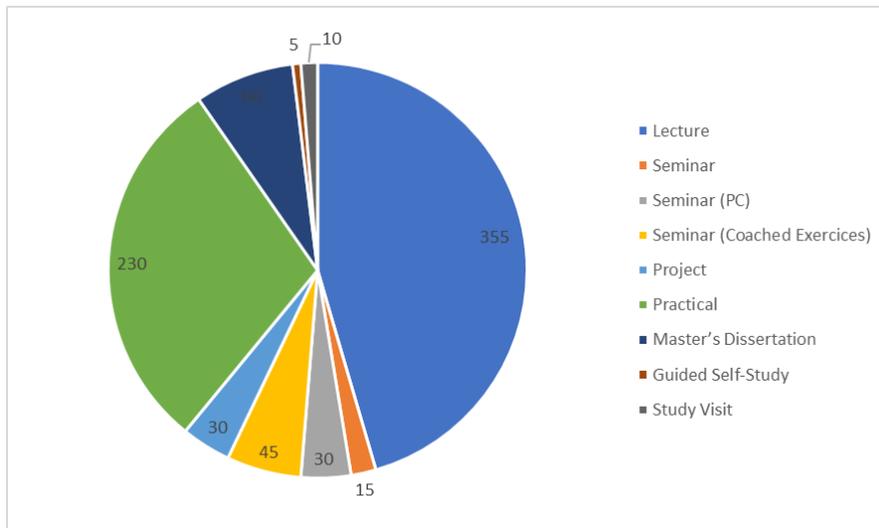


Figure 28: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.5

MASTER OF SCIENCE IN CIVIL ENGINEERING

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	60	120
AY 2020-2021	43	105
AY 2019-2020	47	128

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	35	4	39
AY 2019-2020	50	11	61
AY 2018-2019	46	11	57

(3) Number of PhD students (including diploma origin) for *Doctor of Civil Engineering*

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non-UGent)	Foreign diploma	Total
AY 2020-2021	16	0	8	91	115

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/master-of-science-in-civil-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

MAJOR CONSTRUCTION DESIGN

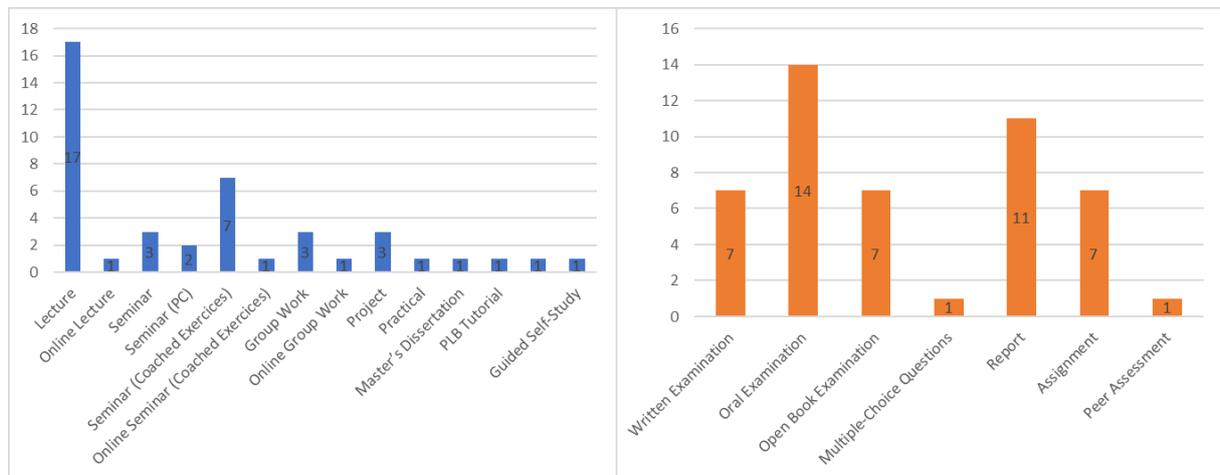


Figure 29: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (108 ECTS) are counted

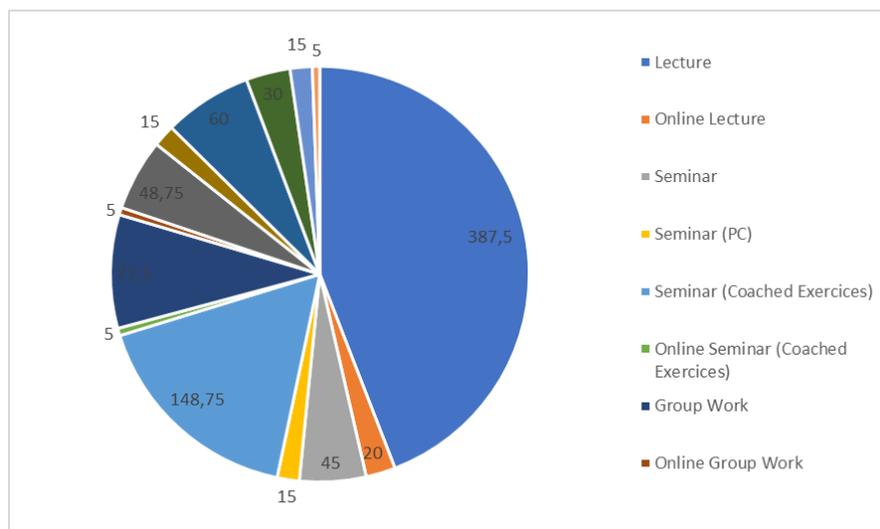


Figure 30: Number of hours(*) spent on the different teaching methods in the mandatory courses (108 ECTS) (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAJOR DREDGING AND OFFSHORE ENGINEERING

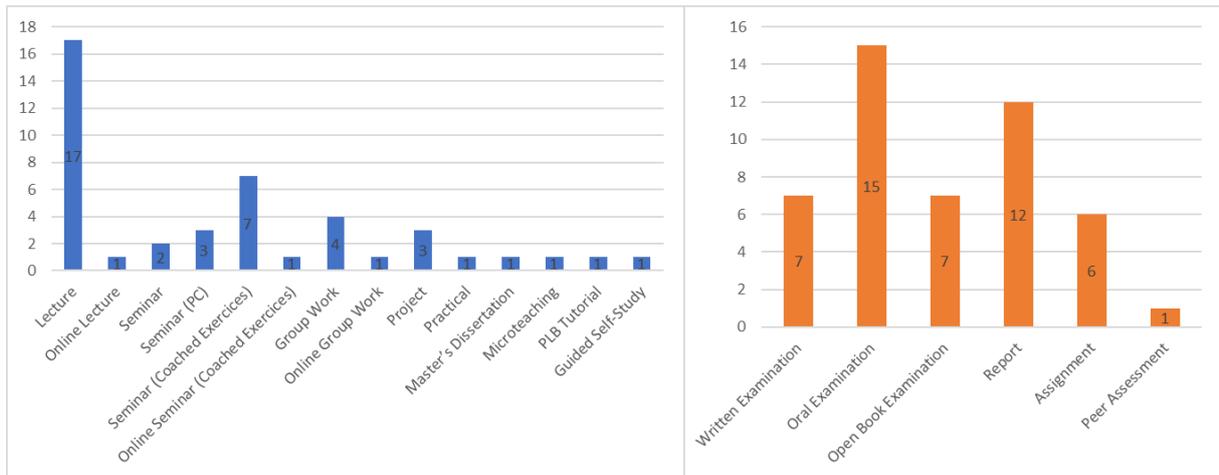


Figure 31: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (108 ECTS) are counted

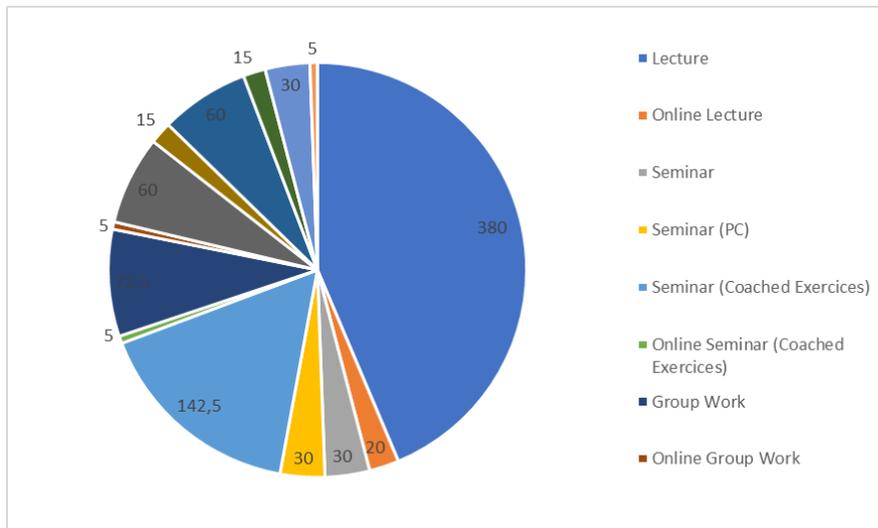


Figure 32: Number of hours(*) spent on the different teaching methods in the mandatory courses (108 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	76	167
AY 2020-2021	68	163
AY 2019-2020	67	155

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	60	6	66
AY 2019-2020	50	4	54
AY 2018-2019	50	1	51

**(3) Number of PhD students (including diploma origin)
for Doctor of Computer Science Engineering**

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non- UGent)	Foreign diploma	Total
AY 2020-2021	50	15	16	92	173

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/master-of-science-in-computer-science-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

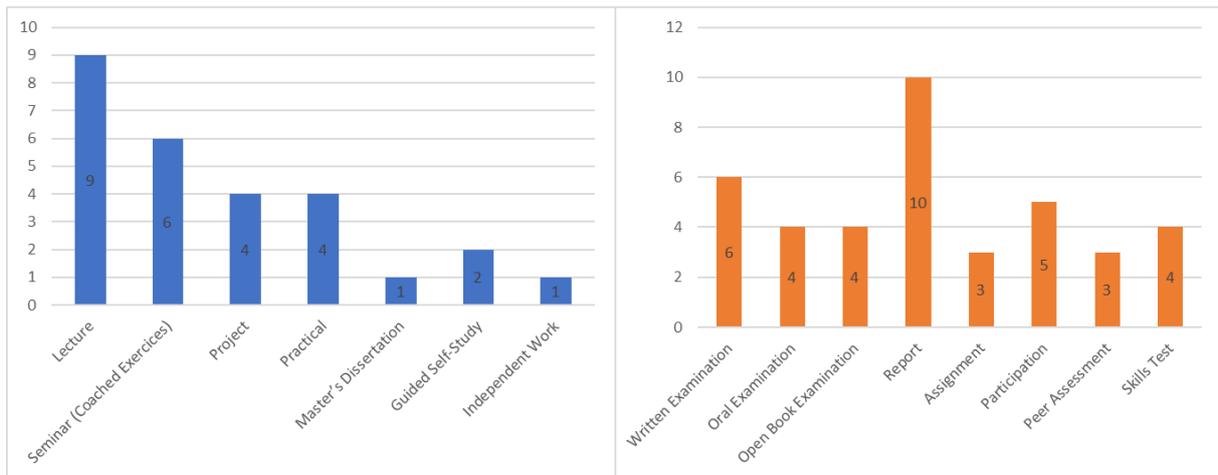


Figure 33: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (84 ECTS) are counted

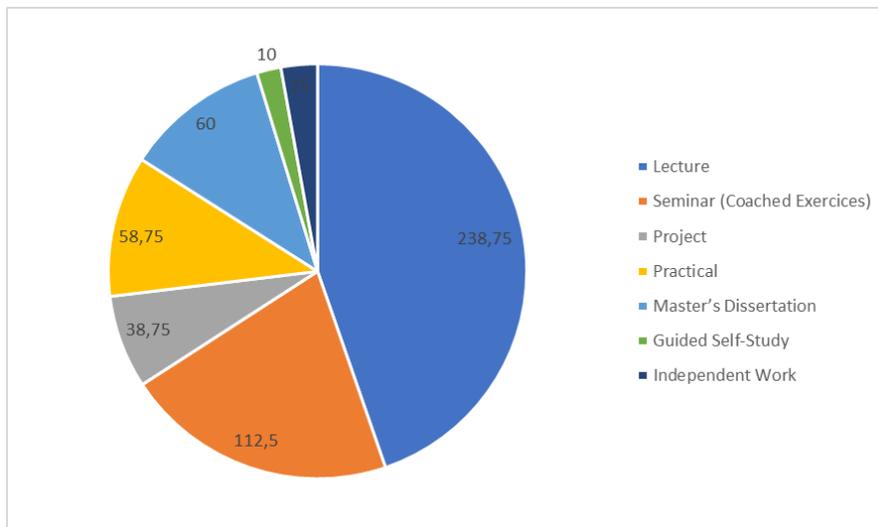


Figure 34: Number of hours(*) spent on the different teaching methods in the mandatory courses (84 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	36	75
AY 2020-2021	33	66
AY 2019-2020	24	64

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	22	1	23
AY 2019-2020	26	5	31
AY 2018-2019	19	5	24

**(3) Number of PhD students (including diploma origin)
for Doctor of Electrical Engineering**

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non-UGent)	Foreign diploma	Total
AY 2020-2021	40	1	1	47	89

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

Main subject Communication and Information Technology:

<https://studiekiezer.ugent.be/master-of-science-in-electrical-engineering-communication-and-information-technology-en/programma/2021>

Main subject Electronic Circuits and Systems:

<https://studiekiezer.ugent.be/master-of-science-in-electrical-engineering-electronic-circuits-and-systems-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

MAIN SUBJECT COMMUNICATION AND INFORMATION TECHNOLOGY

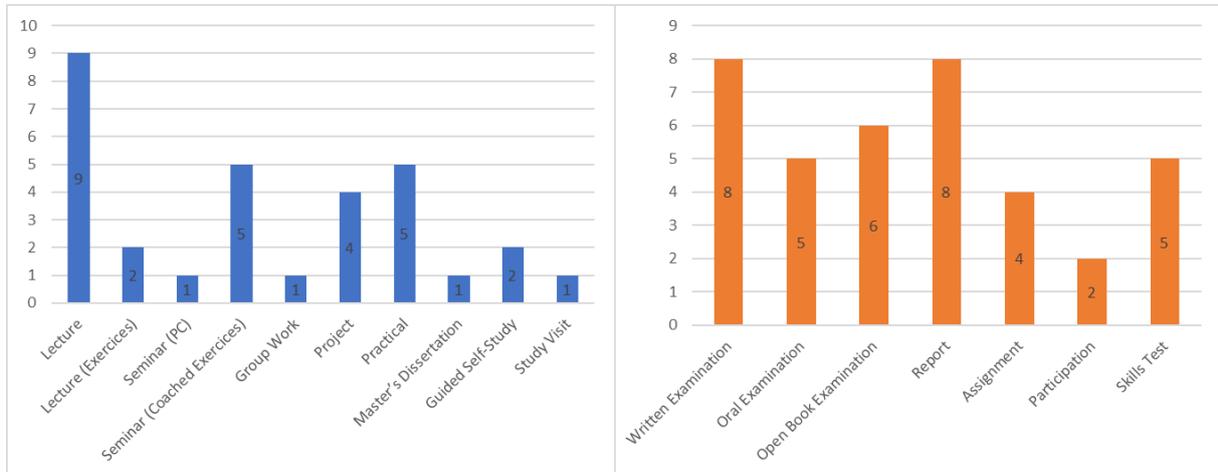


Figure 35: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (84 ECTS) are counted

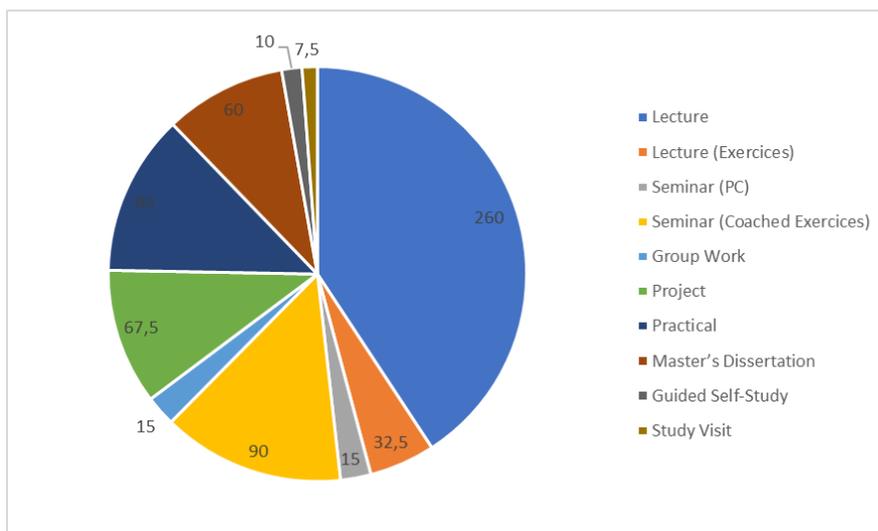


Figure 36: Number of hours(*) spent on the different teaching methods in the mandatory courses (84 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAIN SUBJECT ELECTRONIC CIRCUITS AND SYSTEMS

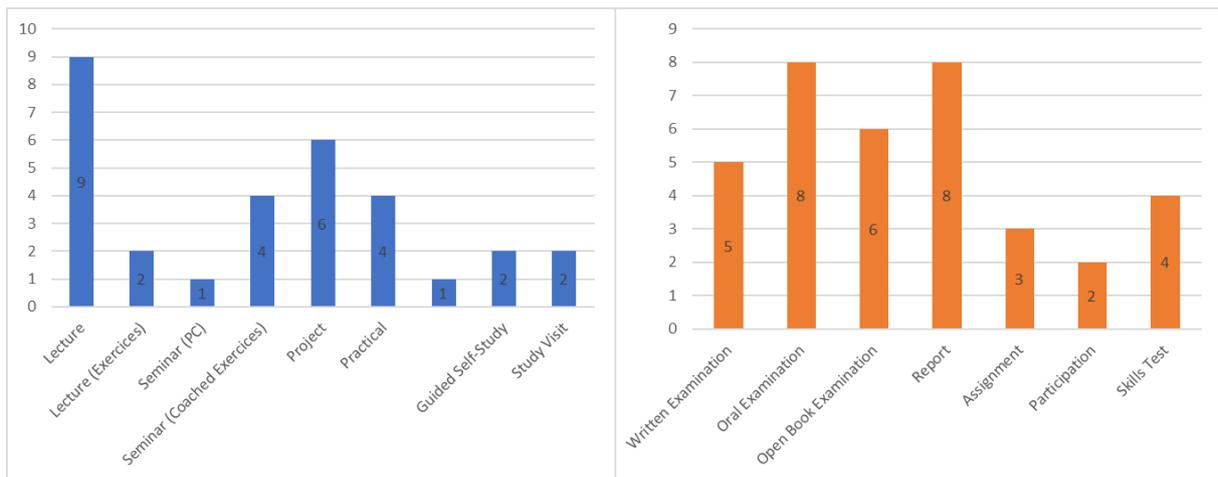


Figure 37: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (84 ECTS) are counted

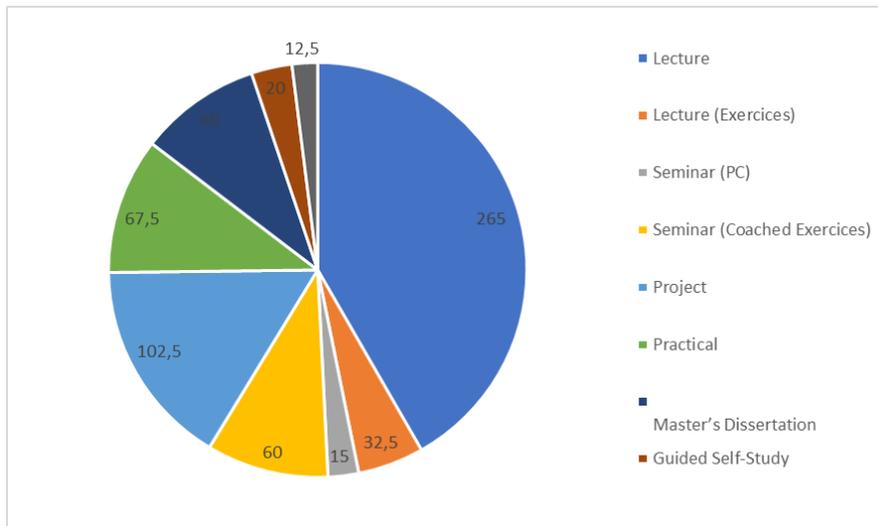


Figure 38: Number of hours(*) spent on the different teaching methods in the mandatory courses (84 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	80	189
AY 2020-2021	85	178
AY 2019-2020	60	176

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	53	8	61
AY 2019-2020	74	6	80
AY 2018-2019	58	8	66

**(3) Number of PhD students (including diploma origin)
for Doctor of Electromechanical Engineering**

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non- UGent)	Foreign diploma	Total
AY 2020-2021	51	1	10	75	137

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

Main subject Electrical Power Engineering:

<https://studiekiezer.ugent.be/master-of-science-in-electromechanical-engineering-electrical-power-engineering-en/programma/2021>

Main subject Mechanical Construction:

<https://studiekiezer.ugent.be/master-of-science-in-electromechanical-engineering-mechanical-construction-en/programma/2021>

Main subject Mechanical Energy Engineering:

<https://studiekiezer.ugent.be/master-of-science-in-electromechanical-engineering-mechanical-energy-engineering-en/programma/2021>

Main subject Maritime Engineering:

<https://studiekiezer.ugent.be/master-of-science-in-electromechanical-engineering-maritime-engineering-en/programma/2021>

Main subject Control Engineering and Automation:

<https://studiekiezer.ugent.be/master-of-science-in-electromechanical-engineering-control-engineering-and-automation-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvaio.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%200005321.pdf

(7) Teaching and evaluation methods

MAIN SUBJECT ELECTRICAL POWER ENGINEERING

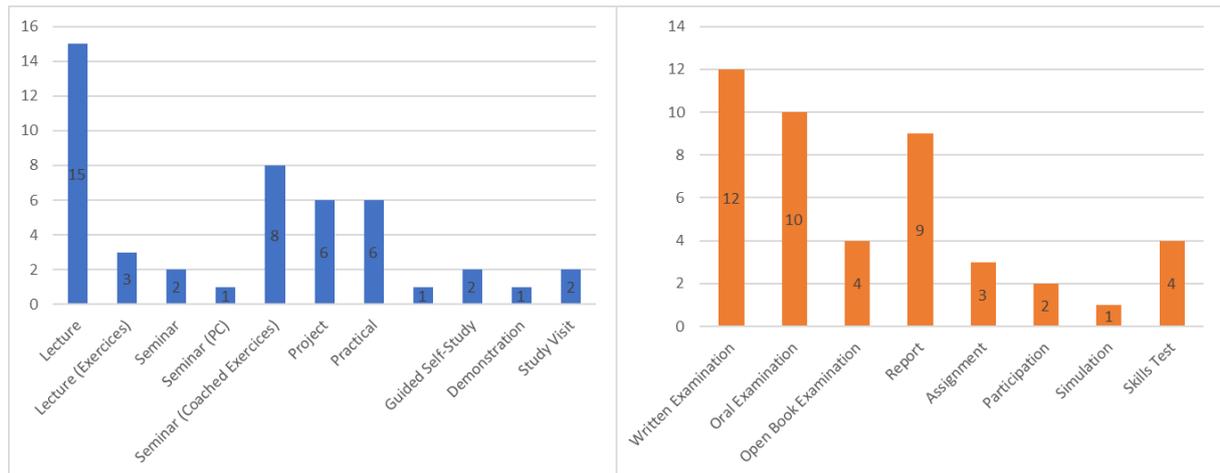


Figure 39: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

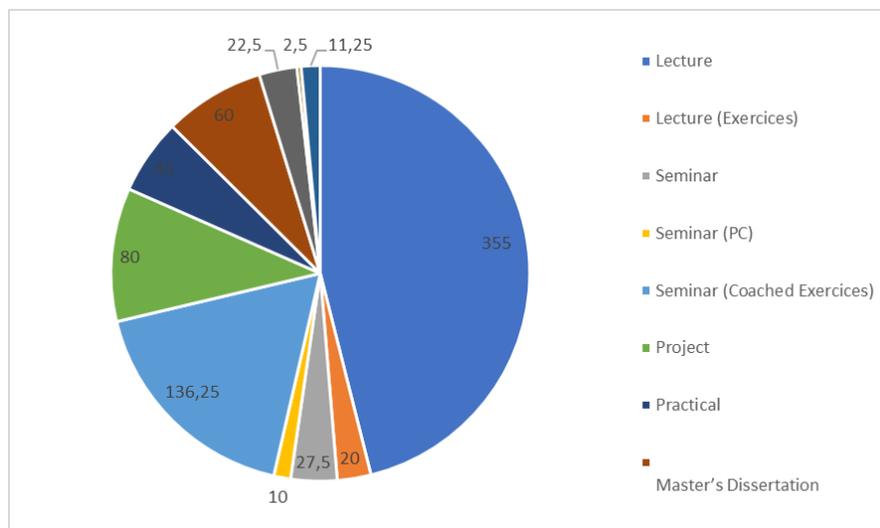


Figure 40: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAIN SUBJECT MECHANICAL CONSTRUCTION

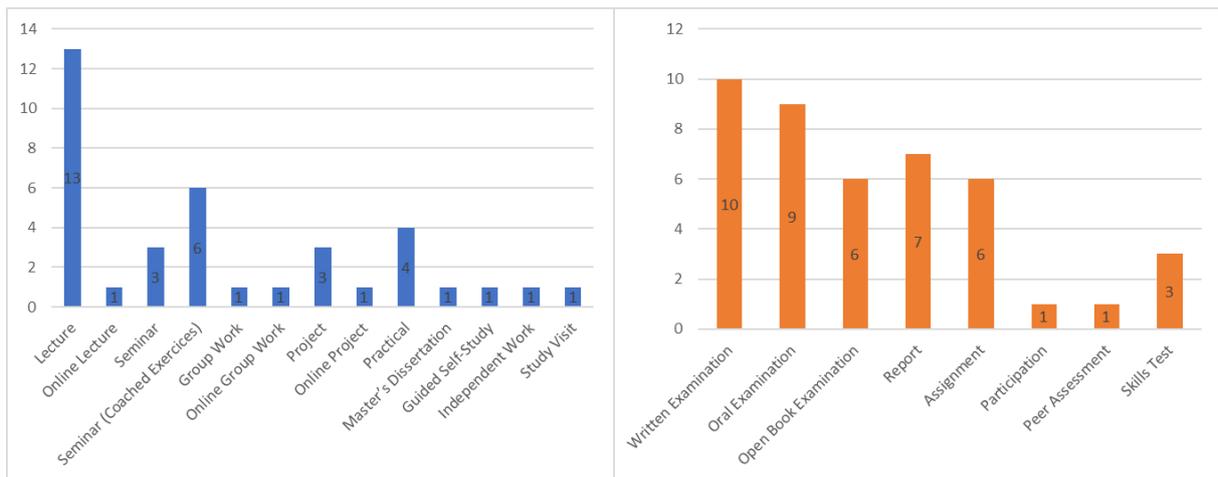


Figure 41: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

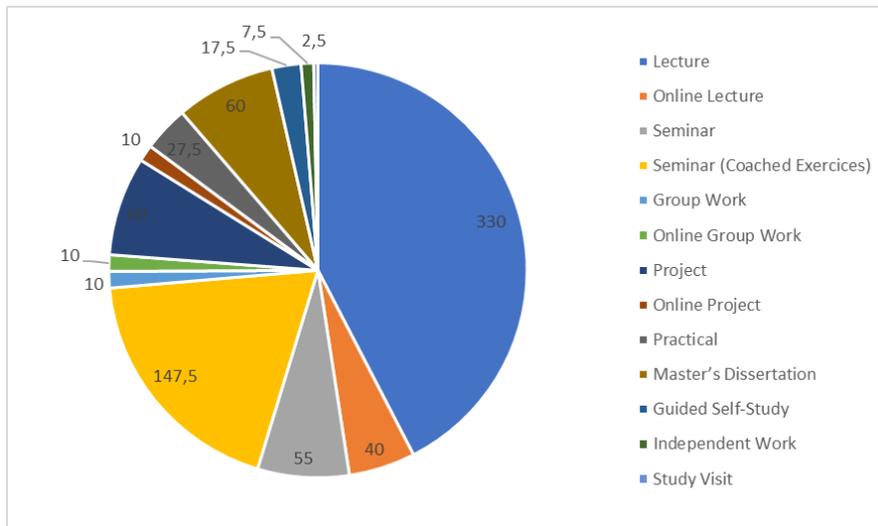


Figure 42: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAIN SUBJECT MECHANICAL ENERGY ENGINEERING

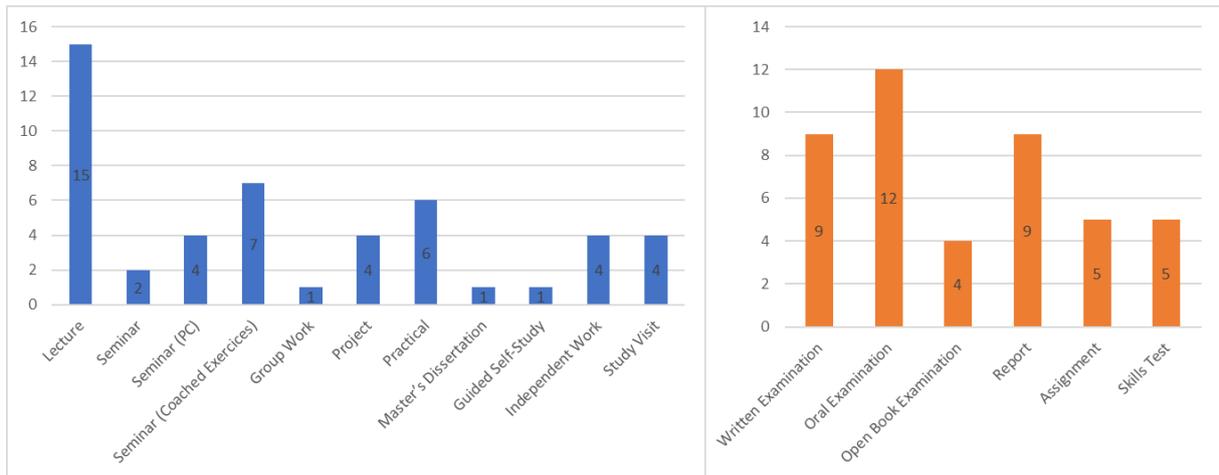


Figure 43: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

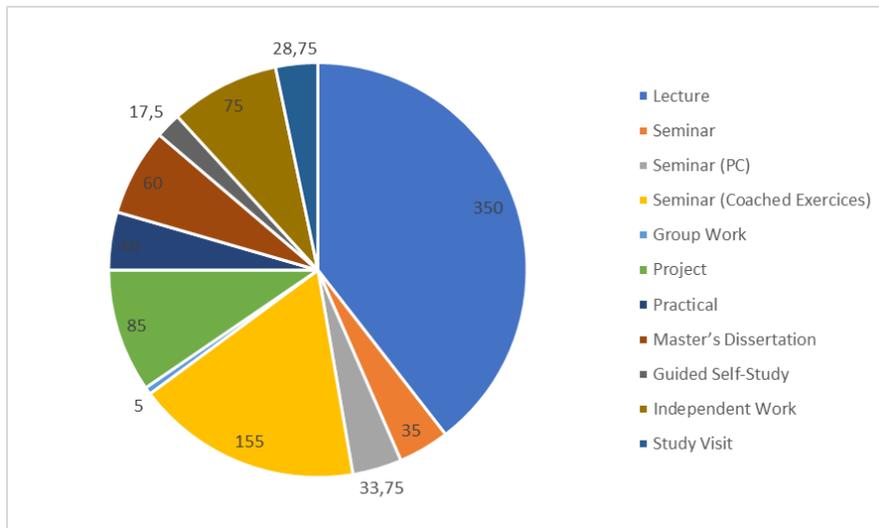


Figure 44: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAIN SUBJECT MARITIME ENGINEERING

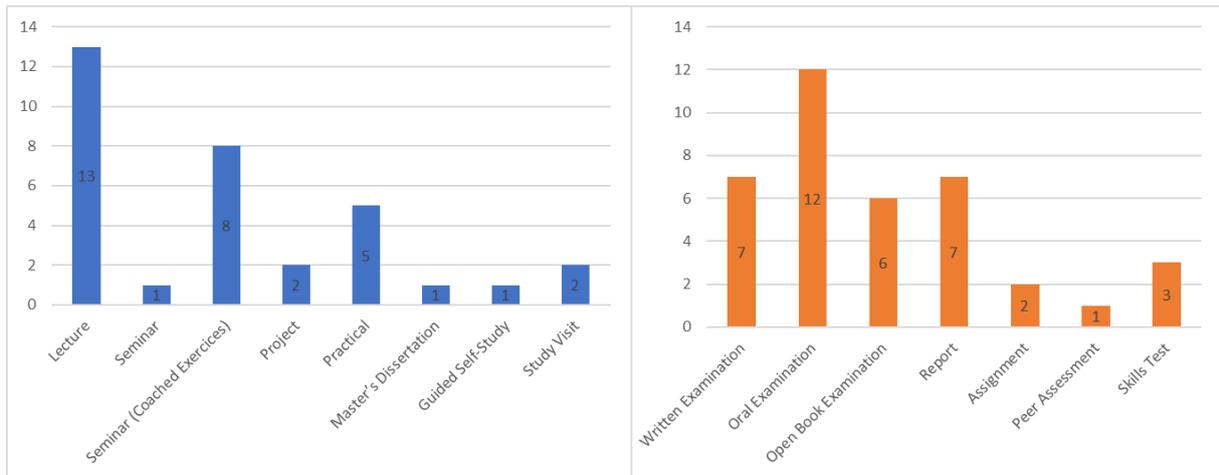


Figure 45: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

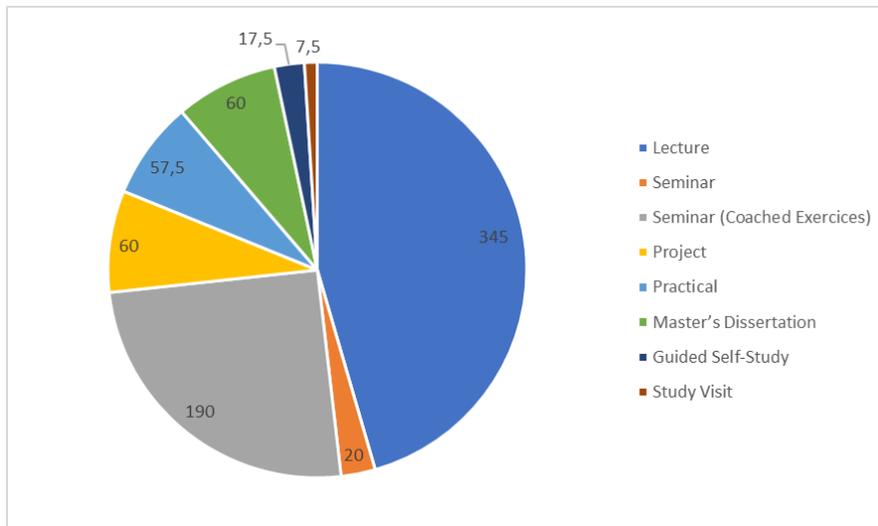


Figure 46: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAIN SUBJECT CONTROL ENGINEERING AND AUTOMATION

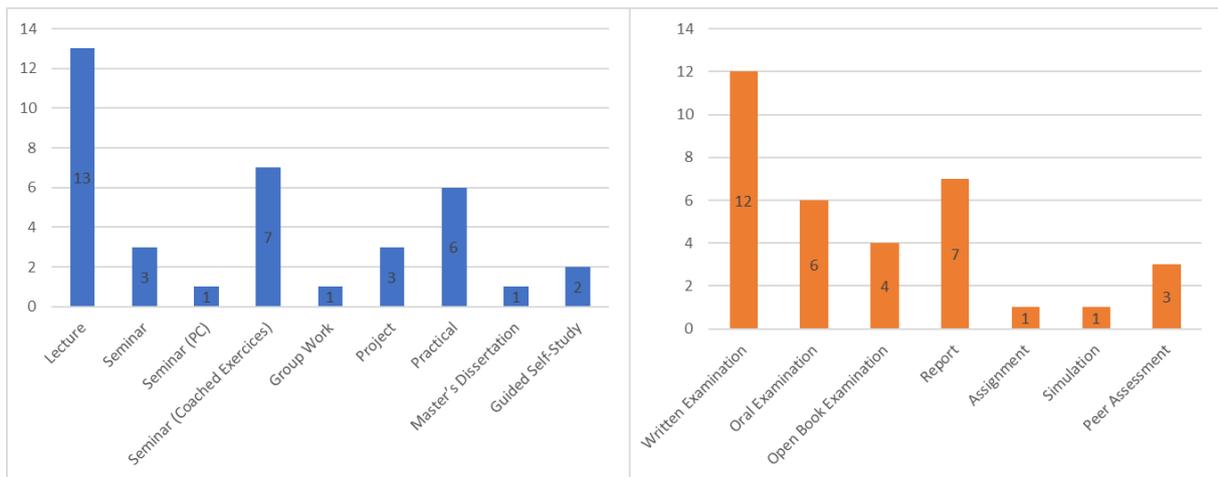


Figure 47: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

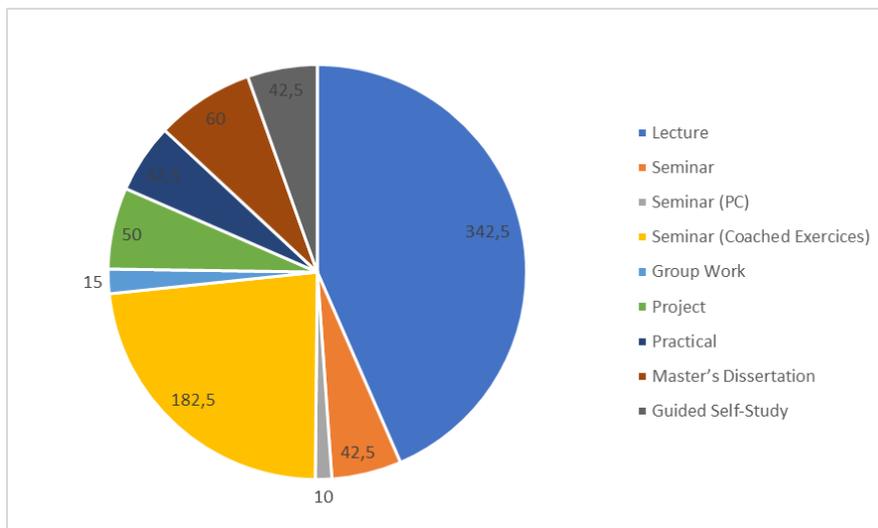


Figure 48: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.9

MASTER OF SCIENCE IN ENGINEERING PHYSICS

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	20	38
AY 2020-2021	14	41
AY 2019-2020	21	41

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	19	3	22
AY 2019-2020	11	2	13
AY 2018-2019	12	2	14

(3) Number of PhD students (including diploma origin) for *Doctor of Engineering Physics*

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non- UGent)	Foreign diploma	Total
AY 2020-2021	31	0	6	31	68

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/master-of-science-in-engineering-physics-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788fd514b28_20171708%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20UG%20005540%20-%20005544.pdf

(7) Teaching and evaluation methods

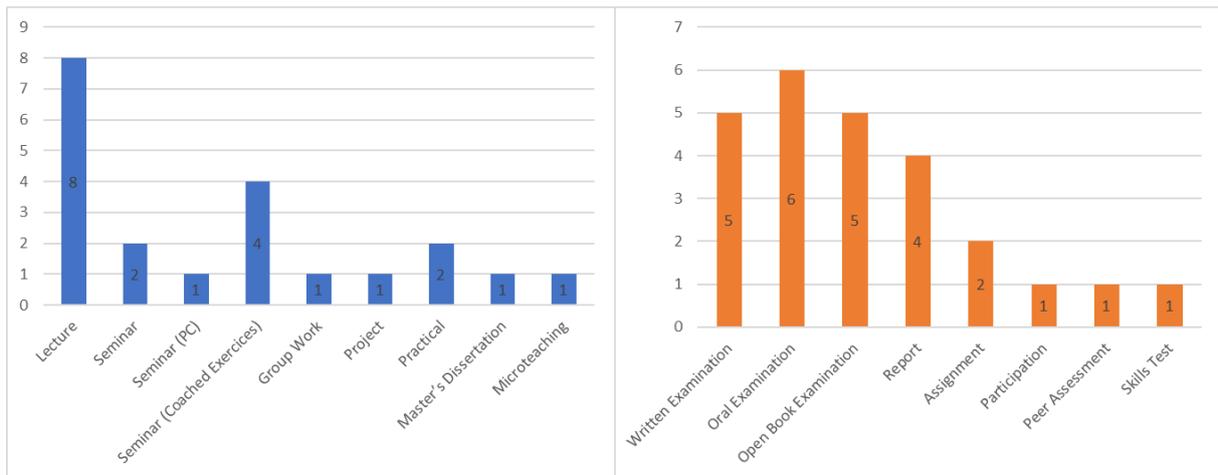


Figure 49: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (72 ECTS) are counted

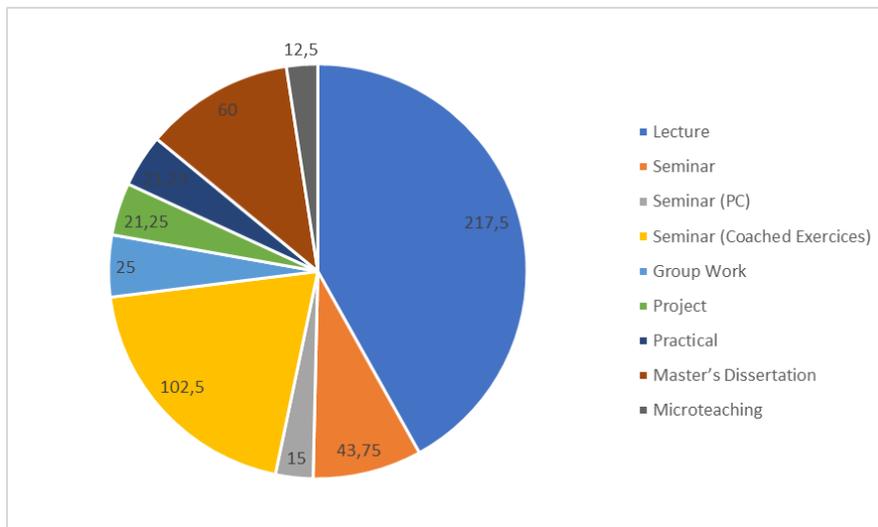


Figure 50: Number of hours(*) spent on the different teaching methods in the mandatory courses (72 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.10

MASTER OF SCIENCE IN INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	20	55
AY 2020-2021	31	56
AY 2019-2020	22	68

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	16	4	20
AY 2019-2020	31	6	37
AY 2018-2019	24	7	31

(3) Number of PhD students (including diploma origin) for *Doctor of Industrial Engineering and Operations Research*

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non- UGent)	Foreign diploma	Total
AY 2014-2015	8	0	1	11	20

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekeizer.ugent.be/master-of-science-in-industrial-engineering-and-operations-research-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788e62b1701_20170900%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20005306%20-%20005321.pdf

(7) Teaching and evaluation methods

MAJOR MANUFACTURING AND SUPPLY CHAIN

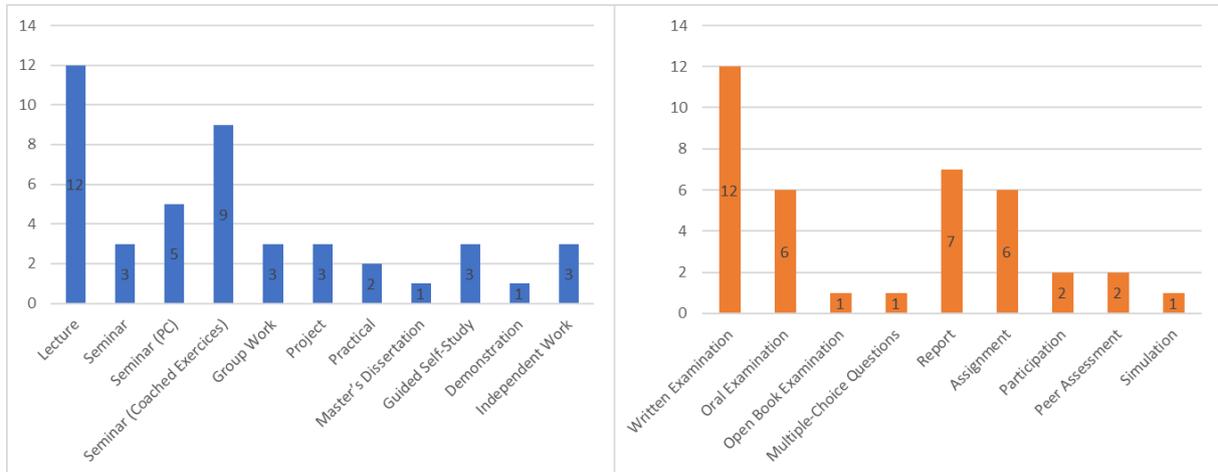


Figure 51: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (86 ECTS) are counted

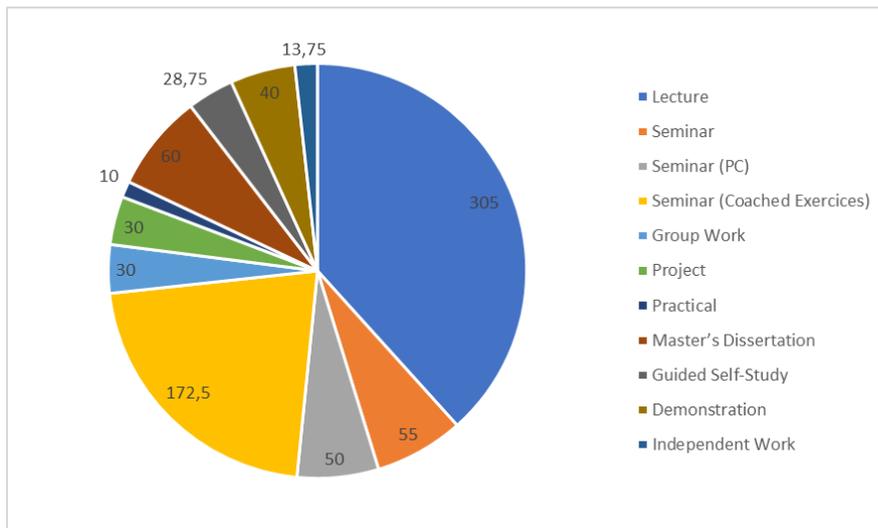


Figure 52: Number of hours(*) spent on the different teaching methods in the mandatory courses (86 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MAJOR TRANSPORT AND MOBILITY

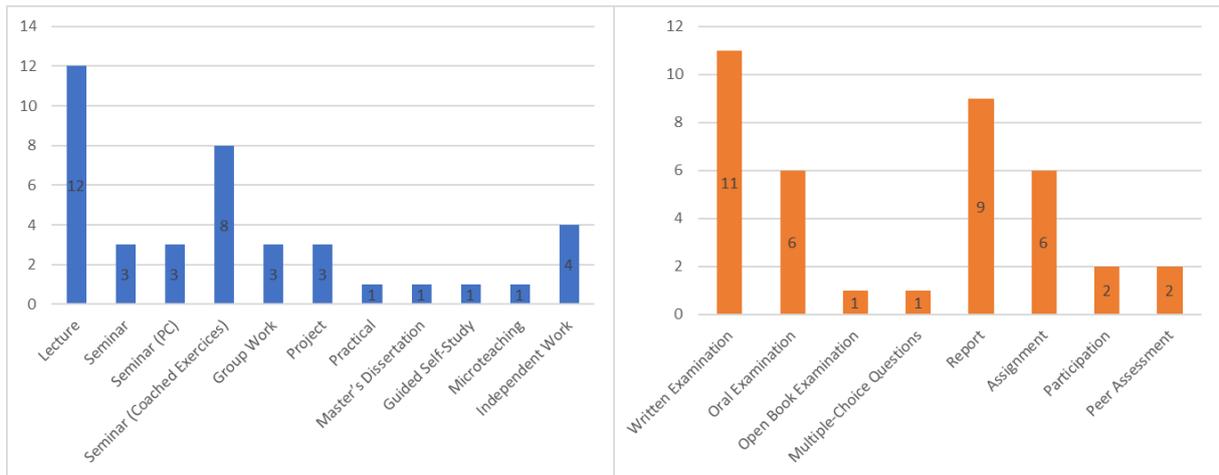


Figure 53: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (86 ECTS) are counted

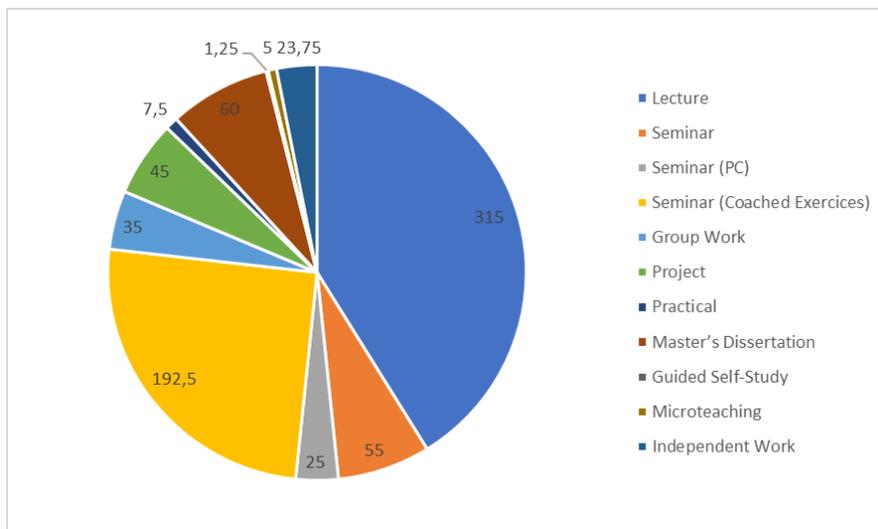


Figure 54: Number of hours(*) spent on the different teaching methods in the mandatory courses (86 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.11**MASTER OF SCIENCE IN FIRE SAFETY ENGINEERING
INTERNATIONAL MASTER OF SCIENCE IN FIRE SAFETY ENGINEERING****(1) Number of students enrolled in the master programme (last three years)**

	First Enrolement	Total
AY 2021-2022		
FSE	5	15
INT. FSE	21	45
AY 2020-2021		
FSE	6	19
INT. FSE	24	48
AY 2019-2020		
FSE	9	17
INT. FSE	23	43

Number of students for all master programmes in Fire Safety Engineering (i.e. International Master of Science in Fire Safety Engineering [INT. FSE], Master of Science in Fire Safety Engineering [FSE])

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021			
FSE	8	1	9
INT. FSE	12	10	22
AY 2019-2020			
FSE	4	0	4
INT. FSE	13	5	18
AY 2018-2019			
FSE	8	4	12
INT. FSE	11	4	15

Number of students for all master programmes in Fire Safety Engineering (i.e. International Master of Science in Fire Safety Engineering [INT. FSE], Master of Science in Fire Safety Engineering [FSE])

**(3) Number of PhD students (including diploma origin)
for *Doctor of Fire Safety Engineering***

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non- UGent)	Foreign diploma	Total
AY 2020-2021	4	0	0	6	10

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

MSc in Fire Safety Engineering

<https://studiekiezer.ugent.be/master-of-science-in-fire-safety-engineering-en/programma/2021>

International MSc in Fire Safety Engineering

<https://studiekiezer.ugent.be/international-master-of-science-in-fire-safety-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO) – MSc in Fire Safety Engineering

<https://www.nvaio.net/nl/besluiten/universiteit-gent-1/master-of-fire-safety-engineering/3574>

accreditation report (NVAO) – International MSc in Fire Safety Engineering

https://search.nvaio.net/files/59788fd514b28_20171708%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20UG%20005540%20-%200005544.pdf

(7) Teaching and evaluation methods

INTERNATIONAL MASTER OF SCIENCE IN FIRE SAFETY ENGINEERING

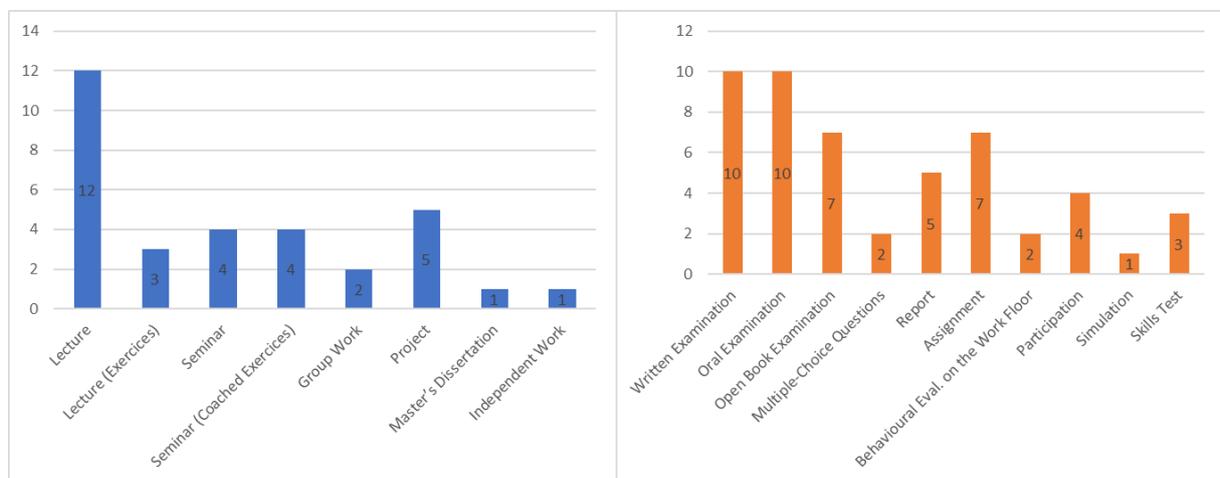


Figure 55: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (117 ECTS) for UGent and Lund University are counted

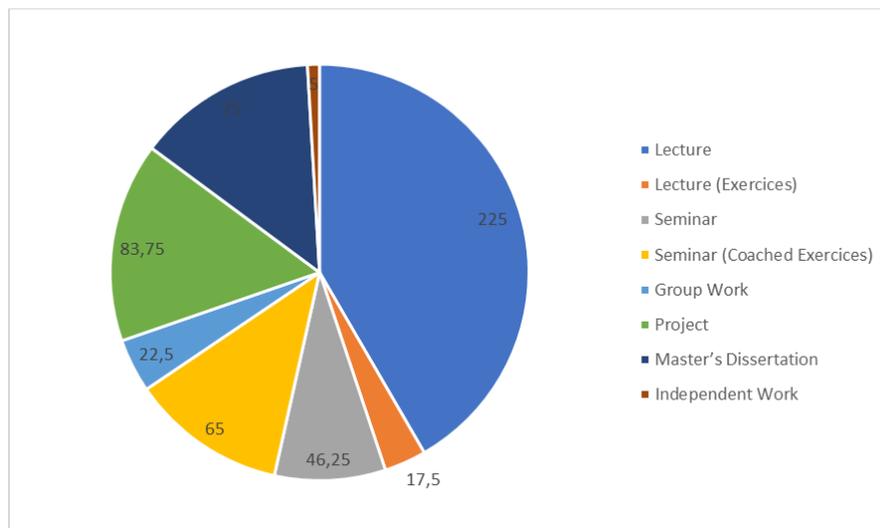


Figure 56: Number of hours (*) spent on the different teaching methods in the mandatory courses (117 ECTS) (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

MASTER OF SCIENCE IN FIRE SAFETY ENGINEERING

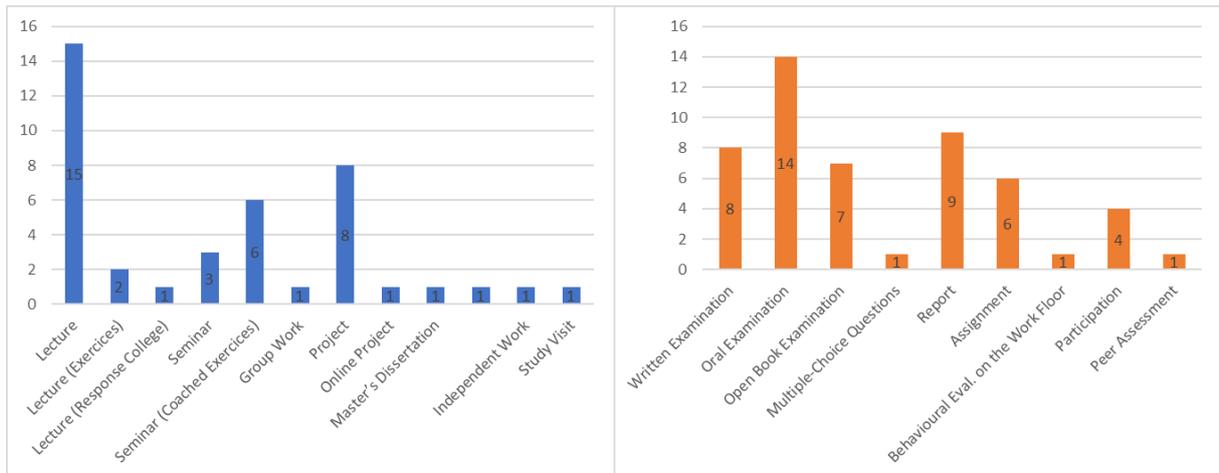


Figure 57: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (105 ECTS) are counted

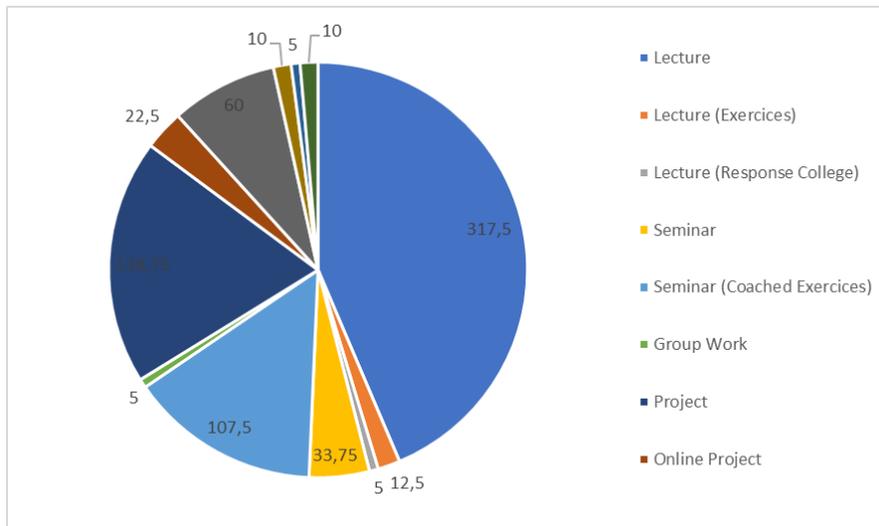


Figure 58: Number of hours (*) spent on the different teaching methods in the mandatory courses (105 ECTS) (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.12**MASTER OF SCIENCE IN BIOINFORMATICS
MAIN SUBJECT ENGINEERING****(1) Number of students enrolled in the master programme (last three years)**

	First enrolment	Total
AY 2021-2022	3	5
AY 2020-2021	1	7
AY 2019-2020	5	9

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	2	2	4
AY 2019-2020	3	0	3
AY 2018-2019	-	-	-

**(3) Number of PhD students (including diploma origin)
for *Doctor of Science: Bioinformatics and of Computer Science***

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non-UGent)	Foreign diploma	Total
AY 2020-2021	1	0	0	0	1

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/master-of-science-in-bioinformatics-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

<https://www.nvao.net/nl/besluiten/universiteit-gent-1/master-of-bioinformatics/3571>

(7) Teaching and evaluation methods

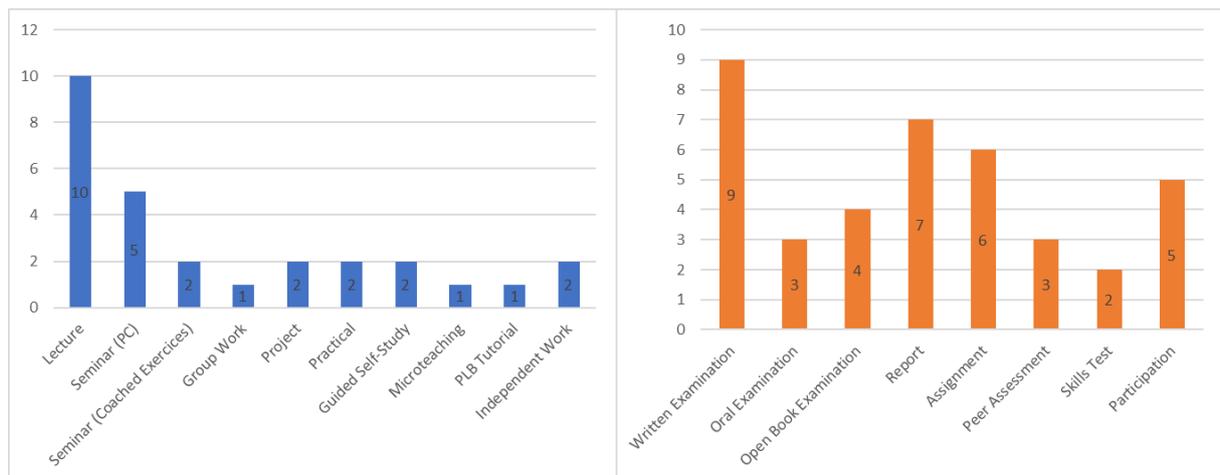


Figure 59: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (96 ECTS) are counted

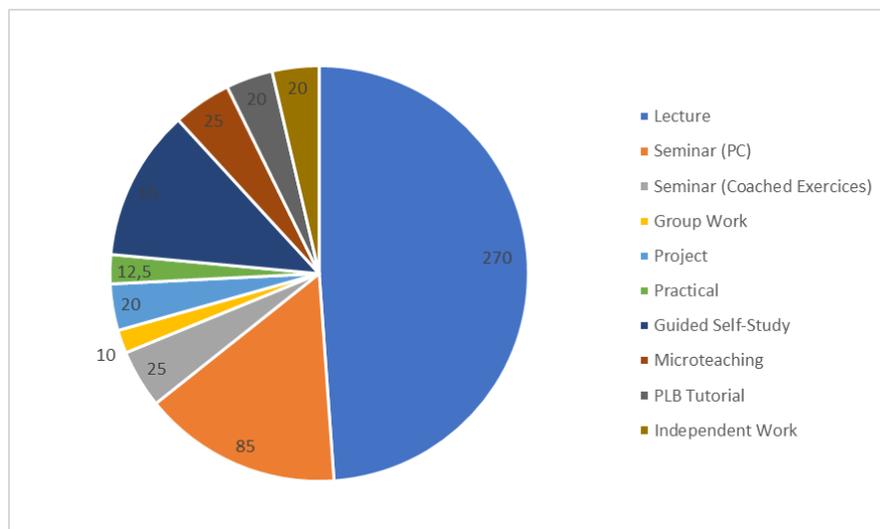


Figure 60: Number of hours(*) spent on the different teaching methods in the mandatory courses (96 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

(1) Number of students enrolled in the master programme (last three years)

	First enrolment	Total
AY 2021-2022	19	32
AY 2020-2021	10	15
AY 2019-2020	5	9

(2) Number of graduates of the master programme (last three years)

	Male	Female	Total
AY 2020-2021	-	-	-
AY 2019-2020	2	2	4
AY 2018-2019	0	2	2

**(3) Number of PhD students (including diploma origin)
for Doctor of Textile Engineering**

	UGent diploma (FEA)	UGent diploma (non-FEA)	Belgian diploma (non-UGent)	Foreign diploma	Total
AY 2020-2021	0	0	0	1	1

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/international-master-of-science-in-textile-engineering-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

https://search.nvao.net/files/59788fd514b28_20171708%20Definitief%20Equivalentie-%20en%20accreditatiebesluiten%20in%20de%20ingenieurswetenschappen%20UG%20005540%20-%20005544.pdf

(7) Teaching and evaluation methods

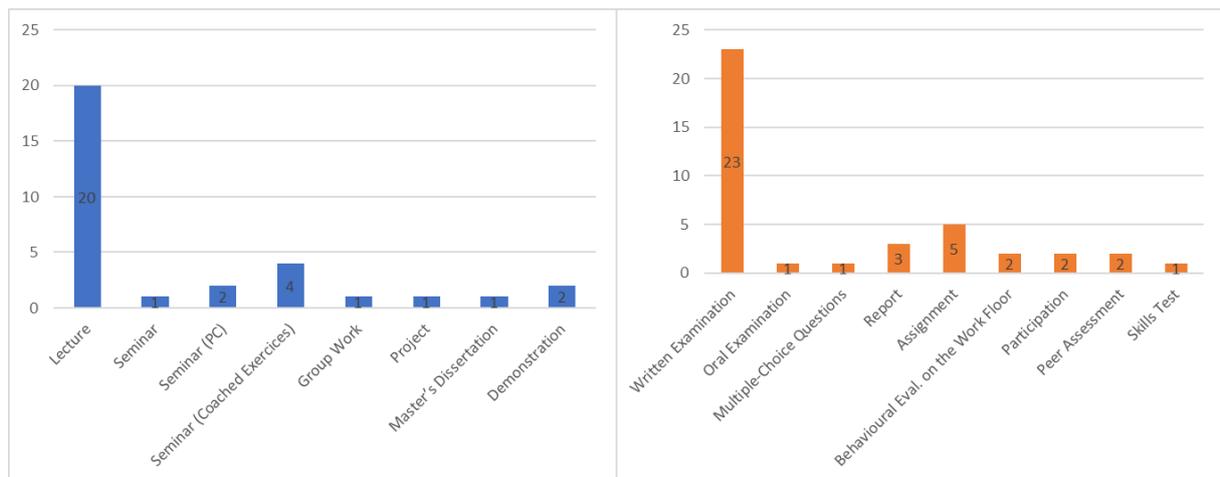


Figure 61: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses (117 ECTS) are counted

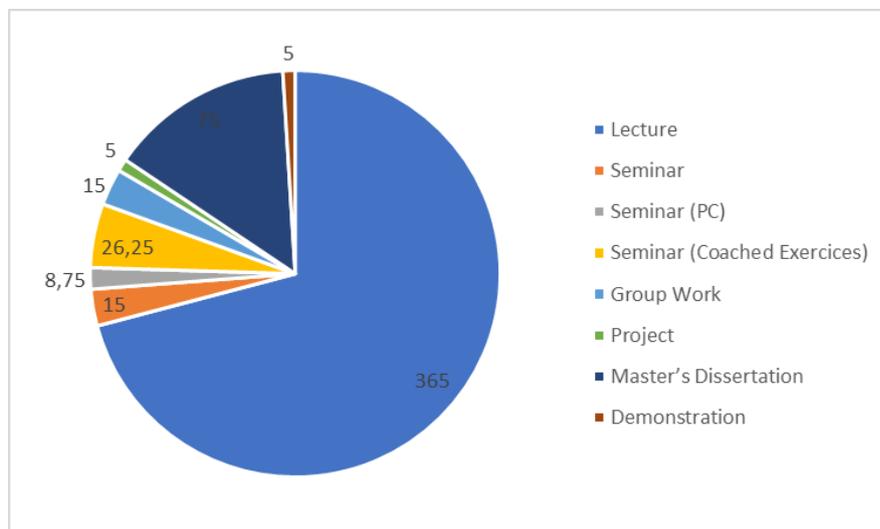


Figure 62: Number of hours(*) spent on the different teaching methods in the mandatory courses (117 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours

ANNEX 2.14 EUROPEAN MASTER OF SCIENCE IN NUCLEAR FUSION AND ENGINEERING PHYSICS

(1) Number of students enrolled in the master programme (last three years)

	Followed courses at UGent
AY 2021-2022	4
AY 2020-2021	2
AY 2019-2020	8

(2) Number of graduates of the master programme (last three years) at UGent

	Male	Female	Total
AY 2020-2021	1	0	1
AY 2019-2020	3	1	4
AY 2018-2019	7	1	8

(3) Number of PhD students

In academic year 2020-2021 five students (1 with Belgian nationality/4 with foreign nationality) were registered for the Doctor of Engineering Physics programme on the basis of their diploma of European Master of Science in Nuclear Fusion and Engineering Physics.

(4) Link to description of the master programme, educational objectives and intended programme outcomes (academic year 2021-2022)

<https://studiekiezer.ugent.be/european-master-of-science-in-nuclear-fusion-and-engineering-physics-EMFUSI-en/programma/2021>

(5) Link to the learning outcomes/final competences and competence matrix

<http://www.ugent.be/ea/nl/faculteit/raden/KCO/Opleidingscompetenties/overzicht.htm>

(6) External quality assurance

accreditation report (NVAO)

<https://www.nvao.net/nl/besluiten/universiteit-gent-1/european-master-in-nuclear-fusion-and-engineering-physics/2921>

(7) Teaching and evaluation methods

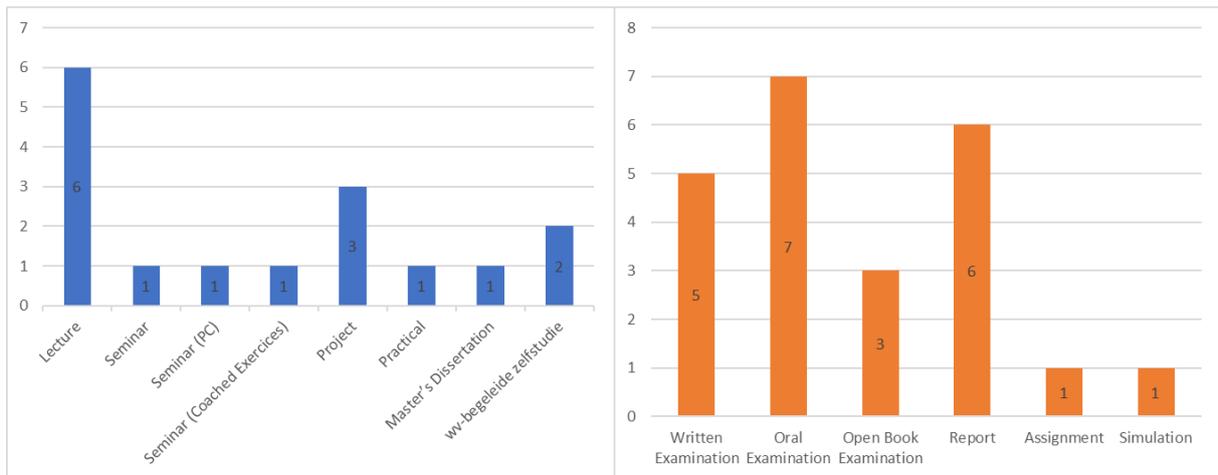


Figure 63: Number of courses using the different teaching methods (left) and evaluation methods (right) as defined in the Education and Examination Code; only mandatory courses at UGent (84 ECTS) are counted

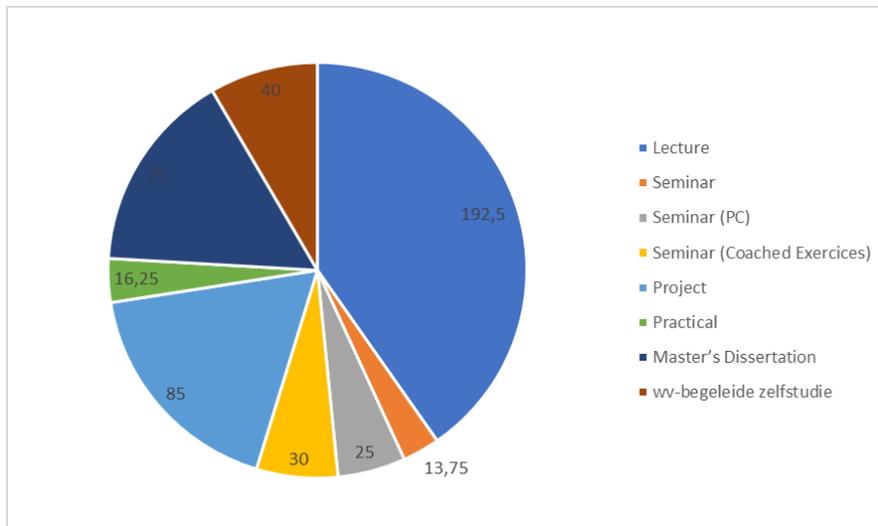


Figure 64: Number of hours(*) spent on the different teaching methods in the mandatory courses (84 ECTS)
 (*) the sum total of the above hours only covers the so-called contact hours and does not include the expected personal study time; 1 ECTS credit = 30h of total study time typically including 10 contact hours