

DATE: 3 JUNE 2020

OURREF: EWI20/BOZ/9402/KR

Minutes 161st PC-AM (OLC-TW)-meeting Tuesday 12 May 2020, 15:45 hr.

5 *Present:* Hil Meijer (the chairperson), Bodo Manthey, Gjerrit Meinsma, Katherina Proksch (replacing Aleida Braaksma), Sem Geerts, Anouk Beursgens, Linda ten Klooster, Lavinia Lanting, Lotte Weedage, Pranab Mandal (the Programme Director), Jan Schut (M-Coordinator), Judith Timmer (B-Coordinator), Ginnie Renz (making minutes)

Absent: -

10

1. Opening

The chairman opens the meeting at 3:46pm.

2. Minutes 160th meeting 21 April 2020

15 Line 142/3: the course ... which he teaches is missing

Action Points:

335: done and to be removed from the list

350: stays

20

351: done and to be removed from the list

352: stays

354: to be removed from the list, corona crisis makes it impossible to organize

355: done but to not be removed from the list

356: done and to be removed from the list

25

359: done and to be removed from the list

361: done and to be removed from the list

362: done and to be removed from the list

363: done and to be removed from the list

364: done and to be removed from the list

30

365: done and to be removed from the list

335: The B-Coordinator had a meeting about Inquire about the skewed workload distribution in the Reflection-course in module 11. Apparently, it is the case that students have to do a bit more for assignments from one teacher, in comparison to other. This year one of the assignments was dropped, although there is still place for improvement.

35

361: The PD talked to Uetz. He employs master students that are in their graduation phase, for grading the small assignments from master students from year 1 according to a model answer. He says that whenever there is an issue with grading, Uetz looks personally into this and solves it. Manthey says that it might be not that beneficial for the course if master students are not used, since the hours spent on grading might be reduced. The chairman says that he thinks that it is better if master students grade bachelor students and PhD students grade master students. He says that it is not only about having a student that is a level above because of knowledge, but also about personal relations between students.

40

45

UNIVERSITEIT TWENTE.

FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 3 JUNE 2020

OURREF: EWI20/BOZ/9402/KR

363: The PD mentions that they changed their mind, and want to call it Internship instead in Osiris description, so as in the proposed EER.

50 3. Advices / correspondence

- Advice on Master EER AM 2020-2021

The advice that PC-AM has given was partially ignored. The PC finds it most important that both names finally agree, rather than which name is chosen. Hence, a new advice that supports the new EER will be given .

55 **AP chairman: Write new advice on AM master EER.**

- Advice on new master course Optimal Transport

This advice has been forwarded to the teacher.

- E-mail from Mastermath: meeting 2 October possible online

60 4. Announcements

5. Evaluations

- Module 2 2019-2020 Panel discussion 2

65 Meinsma points out that the evaluation says that the Linear Structure 2 feels like a 5EC course, while it is a 3EC course and he wonders how accurate this is, because it is quite a difference. Weedage says that two years ago it was also the case that LS2 felt like a course worth more than 3EC and she says that this is probably still the case, but it is hard to do something about it. She also says that it is hard to tell whether a course is 3EC or 5EC. Lanting says that she agrees and she also says that since the course is hard, it
70 might be considered to be worth more ECs than it in fact is. She also says that after the first exam of LS2 students told ten Klooster that the exam was very hard, while the evaluation does not reflect that. The PC would like to know what the UT-SEQ evaluation mentions on this.

AP PD: Provide UT-SEQ reports

75

- Module 3 2019-2020 Panel discussion 1

No comments.

6. Corona crisis: online examinations

80

From Katharina Proksch: At the moment, I am only involved in service teaching but for me, other teachers and I believe also for the students this really is a burden and I would like to hear the maths student's view on this and discuss options, in case the Corona crisis will go on for longer.

85

During the first weeks of the Corona crisis Proksch was very busy and felt stressed about the situation and she also got many emails from worried students. She says there were many advices for how to deal with the situation, while there were not many suggestions.

90

Ten Klooster says that students that took the open book exam consisted of similar questions as in previous years but were asked in a different way which made it a bit harder and therefore more time would be useful. Also, the exams have not been graded

DATE: 3 JUNE 2020

OURREF: EWI20/BOZ/9402/KR

95 yet and there is supposed to be a follow up oral examination and students are worried that the oral examination will be very late after the exam. Lanting says that the exams have been taken already some time ago and the oral examination still has not taken place. Also, the information about the oral examination has been communicated after an exam has taken place. Weedage says that she heard from many master students that communications for their exams is clear.

[AP B-Coordinator: To communicate among the teachers to indicate what postponing grades means for students and that this is stressful for them.]

100 7. BSc/MSc separation (Harde Knip) with softer requirements due to Corona crisis
Due to the Corona crisis, there has been the rule about starting master without having the bachelor finished has been relaxed. Any student that want to use this rule has to show study plan and the bachelor has to be finished by September 2021 or pre-master by
105 January 2021. The chairman asks ten Klooster whether following these rules would be doable if she was to use them. She says that it seems doable. She also asks what happens to obtained credits from master course if the bachelor is not finished by September 2021. If there are some bachelor courses not passed by September 2021, one is not allowed to follow master courses anymore, until the bachelor is finished.

110 8. Bachelor AM programme under TOM 2.0

- Cover letter from the PD
- Changes to the EER 2020

No comments.

- 115 - Draft EER 2020 BSc-AM

All modules are now coherent.

Page 3: no comments

Page 4: 1.f.1: at least 45 credits

Page 5: no comments

120 Page 6: 2.2: Analysis 1, not Analysis

Page 7: 2.4: Python should be added

2.4.2: to remove "better"

2.6: to rephrase the last sentence of the general description

Page 8: 2.9: In last sentence of general description, it should be student, not students

125 Page 9: 3.4.e: Meinsma asks about it. PD explains this is about the non-numerical grades.

Ten Klooster asks about the compensation rule with Analysis 1 and Analysis 2, it is not mentioned here. PD explains that after the discussion with the Examination Board, it was decided to be removed.

130 Page 10: 3.5.c: The PC-AM suggests that no grades of 5.0, 5.5, 6.0 and at most one of 6.5. Geerts does not agree.

3.5.e: The chairman suggests raising the grade from 8.0 to 8.5.

UNIVERSITEIT TWENTE.

FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 3 JUNE 2020

OURREF: EWI20/BOZ/9402/KR

135 Lanting points that before making any decisions it should be investigated what it means for projects where the grade is divided among the students after grading (for example, like a project in Module 4).

[AP B-Coordinator & PD: To discuss the rules for Cum Laude.]

Page 11: no comments

140 Page 12: no comments

Page 13: no comments

- 2019-EER BSc-AM
- UT-wide EER 2020
- Module descriptions

145

150 The chairman asks about introduction to Python in module 6. He says that both Differential Equations and Systems' Theory in that module would refer to MATLAB, while Numerical Methods uses mainly MATLAB, but also allows to use Python. It seems this can be harmonized. Ten Klooster and Geerts say that choosing between the programming languages is not beneficial for students. But if Python has been introduced already in Module 4, then in Module 6 MATLAB would be beneficial and then Python is used again in Module 7. The chairman says that it would be beneficial during internships in companies that using Python is more beneficial as it is free, while MATLAB is not, and therefore it is beneficial to use it more often within the bachelor.

155

9.AOB / Questions before closing the meeting

Bodo Manthey leaves at 5:24pm.

160 The chairman asks whether it is already known how many applications the programme has.

[AP PD: To get familiar where the application information is available, and to know how many applicants the AM has already.]

165 **[AP student members: To propose new student PC-members for next year.]**

10. Closure

The chairman closes the meeting at 5:29pm.

170

Action Points:

Nr	Description	Meeting	Responsible
350	Discuss changes with lecturers of analytical programming course.	21/01/2020	Chairman

UNIVERSITEIT TWENTE.

FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER
SCIENCE

DATE: 3 JUNE 2020

OURREF: EWI20/BOZ/9402/KR

352	Discuss the course evaluation system with the PD.	21/01/2020	Chairman
355	To organize the evaluation about the data science track	03/03/2020	M-Coordinator
364	To talk to the teachers to communicate what postponing grades means for students and that this is stressful students.	12/05/2020	B-Coordinator
365	To discuss the Cum Laude.	12/05/2020	B-Coordinator and Programme Director
366	To get to know how many applicants the AM has already.	12/05/2020	Programme Director
367	To propose new Pc-AM members.	12/05/2020	Student members