

DATE: 21 MARCH 2020
OURREF: EW120/BOZ/9321/KR

Minutes 159th PC-AM (OLC-TW) meeting

Tuesday 3 March 2020, 15:45 – 17:15 hr.

Ravelijn 3411

5

Present: Pranab Mandal, Jan Schut (M-Coordinator), Katherina Proksch, Bodo Manthey, Judith Timmer (until 16:45), Hil Meijer, Gjerrit Meinsma, Lavinia Lanting, Lotte Weedage, Sem Geerts, Linda ten Klooster, Ginnie Renz (making minutes)

10 **1. Opening**

The chairman opens the meeting at 15:45 and welcomes Pranab Mandal, the new Programme Director. As of today, Katherina Proksch replaces Aleida Braaksma.

2. Minutes 158th meeting 21 January 2020

Line 49: full stop

15 Line 52: service department council (to add next to the Dutch word “dienstraden”)

Line 57: coordinator instead of coordinate

Line 59: but only starting in the upcoming year

Line 82: exam exercises

20 Line 105: Action Point is missing in the list of action points

Weedage can go to the MasterMath meeting.

Action points:

335: Transfer to Bachelor Coordinator

347: done and to be removed

350: remains on the list

25 351: remains on the list

352: remains on the list, couldn't have been done before

353: done and to be removed from the list

30 Some evaluations have been sent with comments and due to the privacy laws, they're going to be discussed during the PC-AM meeting and won't be published anywhere.

3. Advices / correspondence

An email about training for new committee members. The email will be forwarded to the members.

35 **4. Announcements**

The committee, together with Proksch replacing Braaksma and Ginnie Renz – minutes maker, had a training with Hans van den Berg last week. During this training it was also discussed how to function as a committee and how to deal with consent and advice. The committee decided to adopt the terms consent for “bindend advies” and advice for general recommendation.

40 Weedage has made a list with action points from the training. She will send it to the members.

5. Discussion on TOM 2.0

Guideline TER included for information. Discuss procedure for coming months.

45 The test policy should show that a module is integrated. If a student doesn't take a full module, this should have consequences for the learning goals and the tests as these should be different.

If a new TER is to be approved by the PC-AM, there are some documents that still have to be approved by the committee, such as OSIRIS descriptions for courses.

50 TOM 2.0 will also apply to current first years. For students that have to retake some modules, transitional rules will apply. If there is no TOM 2.0 to approved before the last PC-AM meeting in this

Postbus 217

DATE: 21 MARCH 2020

OURREF: EW120/BOZ/9321/KR

academic year, then the old TER applies for the next academic year. In his planning, the chairman made time to discuss this on 31st of March 2020. The PD says that there will be an outline of the integrated or coherent modules before that meeting. The PD asks what a study unit comprises in the new rules. Lanting says that during a meeting with students about TOM 2.0, there was an example given of a 1EC course. The chairman says that the PD shouldn't use 0.5EC courses in the TOM 2.0 curriculum.

6. Proposal new master courses:

Lecturers proposed new courses. Discuss and give comments, advices come when full data science track will be discussed.

- Optimal Transport - Mathematics of Deep Learning

There are two courses proposed by new lecturers. Both courses are intended for the Data Science master track. What is missing in the MDL description is how this course fits in the study programme. When it comes to OT, everything seems fine. At the same time it is heard that the number of courses cannot grow too without bound, while as a new teacher one would also like to teach one's own course to be visible. This is a budget constraint and should not be forgotten, but it is not the primary concern for the PC. Geerts says that during a meeting of the Faculty Council from last year, it was said that it is also not ideal to have many courses, since then students have problems with choosing courses and many courses may overlap. Weedage says that it is wise to look at the Data Science track globally. The PC-AM would like to know how many students are in the data science track, what courses they have taken this and past year (restricted to AM students) and a panel meeting. The committee thinks the following people should attend the panel meeting: Jan Schut, Jasper Goseling, Linda ten Klooster, Bodo Manthey, Gjerrit Meinsma and 2-4 students from the data science track.

[AP M-Coordinator: to organize the evaluation about the data science track]

For one of these courses (MDL) the teacher that suggests this course, is not going to teach at UT after the first year of the course, so it would be good if he suggested resit options for the course.

Lanting asks whether the material for the statistics course in module 5 will change again, since there will be a new lecturer. The course itself was improved regarding content and it would be good if it will stay similar to this improvement.

[AP PD: to make sure the new lecturer gets the evaluation from the statistics course from module 5]

Meinsma says that the required book is very technical and hard to understand. Proksch says that the way she reads the description is that a lot of previous knowledge based on the measure theory is required. The PC-AM's remark and concern, besides the fact that the course seems really nice, is that this course might be too technical for students. The chairman points out that the examination is not clear. Learning goals should also be improved. Weedage also says that it is unknown whether students would like 2ECs courses, since because of these small units, they would have extra workload, as they will not opt for 12ECs in a quartile, but for 17 EC instead. Ten Klooster also wonders how this new course will not have with other courses.

7. Master evaluations Q1

Statistics and Probability – no AM students.

Game Theory – no comments.

Nonlinear Dynamics – no comments.

Introduction to Mathematical Analysis - 1 student. It is a premaster course given as 1, 2 or 4ECs course. There is one tutorial every three weeks. It is wise to talk to teachers about organisation of this course and whether students could have more supervision and/or tutorials.

[AP M-Coordinator: talk to teachers from Introduction to Mathematical Analysis.]

Complex Network – no comments.

Measure in Probability – no comments.

Statistical Learning. This course is going to be removed. It is not getting bad reviews.

8. Master evaluations Q2

UNIVERSITEIT TWENTE.

FACULTY ELECTRICAL ENGINEERING, MATHEMATICS AND COMPUTER SCIENCE

DATE: 21 MARCH 2020

OURREF: EW120/BOZ/9321/KR

Mathematical Methods – no AM students.

Introduction to Risk Theory. Some bachelor students take it as an elective. No further comments.

Markov Decision Theory. Weedage says that the exam was much harder, and the grading was not as expected, which is also seen in the evaluation.

110 **[AP M-Coordinator: ask the lecturer about the grading of MDT.]**

Numerical Techniques for PDE – This course is given by two lecturers. At some point they covered the same topic but explained it differently. On the one hand, students liked that, but on the other hand it would be nice if lecturers communicated with each other about it. It was confusing and not needed.

115 **[AP M-Coordinator: talk to Schlottbom first about the course.]**

Optimal Control - no comments.

Deep Learning – in comparison to last year, there are many positive comments. No further comments.

Weedage suggests that next time maybe it is wise to include the minutes from the Master Evaluation Lunch from Abacus.

120 **9. AOB / Questions before closing the meeting**

Ten Klooster has a question from the student assessor whether PC members would like to have the training yearly, or only for new committee members. The committee agrees that it is recommended to have this type of general training for new members of any PC, but prefers for its own training to focus more on working together as a group.

125 **[AP chairman: request the management of math to make an announcement about the new PD]**

10. Closure

The meeting is closed at 17:17.

Nr	Description	Meeting	Responsible
335	Inquire about the skewed workload distribution in the Reflection-course in module 11.	04/06/2019	B-Coordinator
350	Discuss changes with lecturers of analytical programming course.	21/01/2020	Chairman
351	Discuss the grading system of module 8 with module coordinator.	21/01/2020	Programme Director
352	Discuss the course evaluation system with the PD.	21/01/2020	Chairman
354	Remind the new PD to organize a presentation skills workshop for the new teachers.	21/01/2020	Chairman
355	To organize the evaluation about the data science track.	03/03/2020	M-Coordinator
356	To make sure new lecturer gets the evaluation from the statistics course from module 5.	03/03/2020	PD
357	To ask the lecturer about the evaluation of MDT.	03/03/2020	M-Coordinator
358	Request the management of math to make an announcement about the new PD.	03/03/2020	Chairman
359	To talk to teachers from Introduction to Mathematical Analysis.	03/03/2020	M-Coordinator
360	To ask the lecturer about the grading of MDT	03/03/2020	M-Coordinator