

DATE

29 May 2018

OUR REFERENCE

EWI17/BOZ/6012/LvdP

## Minutes 146<sup>th</sup> PC-AM (OLC-TW)-meeting Tuesday 24 April 2018, 15:45 hrs.

- 5 *present:* Hil Meijer (chairman), Peter Dickinson, Gjerrit Meinsma, Judith Timmer, Femke Boelens, Douwe Hut, Lotte Weedage, Jan Willem Polderman (PD), Yael Veenstra-Konzizky (B-coordinator), Marloes van Grinsven (M-coordinator) and Lennard van der Putten (writing minutes)
- absent with notice:* Dieuwertje Alblas
- 10 *absent without notice:* Mariya Karlashchuk (educational officer Abacus)

### 1. Opening

The chairman opens the meeting at 15:47 hrs.  
Alblas has opted out for this meeting.

15

### 2. Minutes 145<sup>th</sup> meeting 13 March 2018

- *Textual corrections:*

The minutes are approved without textual corrections.

- *In response to the points raised in the minutes:*

20

p. 3, l. 110-126: Weedage says that during the Python practicals in module 7 it was difficult for students to ask questions because there were too many questions to let them all get answered.

25

She says that Computer Science (CS) uses a system to let students make notice that they have a question. The teaching assistant sees a list of students who have questions (in chronological order), so students do not need to show hands and all students' questions will be answered in the correct order. Such a system might be a good idea for practicals/tutorials with large groups. The M-coordinator mentions that the system also has a function that highlights a specific bit of code where the question is about. The B-coordinator will contact the concerned module-coordinator of CS about the system. **[action B-coordinator]**

25

- *Actions:*

30

275, 276, 277, 278, 279, 280, 281: done, to be removed from the list.

### 3. Advices/correspondence

- *Advices:*

There are quite some courses that need to be revised for the new Data Science track.

35

- *Mastermath evaluations fall 2017:*

Hut has passed on the comments of the PC to Mastermath. Mastermath is working on the new ELO and it is going quite well. The PD asks how the course evaluations are selected for the PC. The chairman answers that the PC only receives the evaluations of the courses for which UT-students are enrolled. The PD would like to see the evaluations of at least all 4TU-courses rather than only the courses for which UT-students are enrolled.

40

### 4. Announcements

The PD says that on 23 April there was a meeting of the University Council and they have rejected the guideline of the B-TER. The main issue was that it says that partial grades remain valid forever if the module is not coherent, but the EC's are not awarded to the student, since it is considered as a partial exam. Among AM-students, there is no need to reward parts of modules, since keeping partial grades is only relevant for first-year students due to the BSA. Weedage says that if a student switches to a different university, he cannot show that he passed the course, since the EC's are not rewarded. While there is no new guideline for the TER, the old guideline remains valid.

45

50

The number of pre-registrations has grown a bit, however this is caused by a significant growth in the non-EU pre-registrations. The prospect is to have about 60 first-year students next year.

55 On 26 April there will be a UT-wide meeting about the Quality Agenda and what needs to be improved in the education. Ideally, each PC delegates one student member and one staff member. The PD emphasises that it is important to send one or more students. Hut and Meinsma will go to the meeting.

## 5. Evaluation module 11 2017-2018 panel discussion 1

60 Meinsma asks why students do not get access to Blackboard immediately. Timmer answers that this is because the overview page of module 11 does not contain the content of the elective courses. The electives have separate Blackboard pages and the need to be enrolled by hand. The chairman wonders why self-enrolment is not allowed. Timmer says that this is because the results should count as a module-grade rather than a separate grade. The chairman advises to allow self-enrolment for these courses in Canvas next year. Timmer will ask if that is possible. **[action Timmer]**

65 Meinsma asks if the literature class has taken place in the meantime. Timmer does not know, but probably not. The PD will inquire why the literature class has been cancelled. **[action PD]**

## 70 6. Language courses in the minor

The PD clarifies that these language courses include all languages except Dutch and English, since these languages are considered to be known by the student. The proposal is to include a language course in the minor, if it is well motivated. The chairman adds that he wants the student to be able to show test results of the language course before credits will be awarded. A certificate of participation is not enough, since there are courses which awards a certificate just for attendance. 75 The chairman will write a positive advice with the addition that there should be test results of the language course before awarding credits. **[action Chairman]**

## 80 7. Master TER 2018

- Part A (faculty section):

The M-coordinator says that there are some slight (textual) changes in part A, but nothing significant. The M-coordinator will send the track-changed version to the PC. All PC members will have a look at it this week and if there are no comments, the chairman will write a positive advice on part A.

85 - Part B (programme section):

p. 4: "characterized" should be changed to "characterised". Also on several other places in the TER British English is not used consistently. The entire TER should be looked over in order to ensure consistency in the usage of British English.

90 p. 5, article 3.1, item 2: "and" should be changed to "or", since most students have completed a bachelor's degree from only one of the universities of Twente, Delft or Eindhoven.

p. 5, article 4.1, item 3b: The chairman asks if it suffices to only follow Continuous Optimisation (an obligatory course) in order to meet this requirement. The PD says it does and it has been requested unanimously by the chairholders. The M-coordinator adds that all SACS students automatically have two Mastermath-courses, due to the obligatory Applied Finite Elements course.

95 p. 6, article 4.1, item g: Meinsma asks why the maximum of 10 EC bachelor level courses needs to be from outside mathematics education. The M-coordinator responds that otherwise homologation as described in the second part of item g comes into effect. The PD clarifies that the background of this part is that sometimes a specific course is needed for the Final Project. Since "(from outside mathematics education)" is superfluous, this part will be removed.

100 p. 6, article 4.2: "at UT" will be replaced by "at the UT".

p. 7: The Variational Methods for Inverse Problems in Biomedical Imaging course was not given at the UT last year, but it is a Mastermath-course at the Vrije Universiteit in Amsterdam. It is unfortunate that the course is not being given on Monday, due to clashes with other UT-courses.

105 Therefore not many UT-students have followed the course. The PD has asked Delft and Eindhoven to add the course to the 4TU-programme and make the course 6 EC. The teacher as well as Delft and Eindhoven agreed, however Mastermath has already published the course schedule for next year. The PC thinks it is a good idea to merge the Variational Methods course to the 4TU-programme. The PD will send the contents of the course to the PC, but the decision on the TER is conditional of the decision on the Variational Methods course. The chairman will write both cases 110 explicitly in the advice on the TER. As soon as the PC received the contents of the course, the

chairman will write a positive advice on adding the Variational Methods course to the 4TU-programme and extend it to a 6 EC course. **[action Chairman]**

It will be discussed later in which quartile the Nonlinear Dynamics course will be placed.

115 The Internship is named differently in various places. In Osiris, the Internship is called Traineeship and also the UT-website is inconsistent. The PC's suggestion is to name it "Internship for AM". The PD will discuss it in the steering committee.

p. 8: Measure & Probability has been added to the list in article 4.4.

p. 10, article 5.2, item 1: "he" needs to be changed to "the".

120 p. 11, lines 1-4: Meinsma asks if the maximum duration of the internship is stated in the TER somewhere, since it has been deleted on this page. The PD says that it is stated on the website. As soon as a period is mentioned, it will be the standard. Furthermore, the exam committee must approve the internship, so if a student would do an internship of e.g. one year, it will not be approved. The PC agrees with the deletion.

125 p. 11, article 6.1: The chairman asks if the written report should be submitted in a printed version or if a pdf-version suffices. The PD says that it is left to the committee to decide.

p. 14: One student has applied for the UT/UGM double degree.

p. 15: There is asked if the Data Science specialisation needs to be added to the list. The chairman says that it would be superfluous, since the Data Science specialisation is already specified in chapter 4.

130 The chairman will write a positive advice on the master TER with consideration of the above mentioned remarks. **[action Chairman]**

## 8. Proposal modification of courses offered by SOR in M-AM

135 The chairman mentions that there need to be different course codes for SMiPL and AQM in order to make different assignments possible. The PD says that he has not seen this proposal before it was sent to the PC. Also the PD notices that the proposal states that Measure & Probability and Stochastic Processes have some overlap, but it is not argued what the overlap is. The proposal is independent of the changes in modules 1-5 of the bachelor, but it is meant to try to remove overlap between courses. The reasoning is not clear, so there will be asked for a new specification and the PD should be involved in the process. Weedage says that she never heard any complaints of SOR students.

140 The chairman concludes that the PC is in general positive, but it should be proposed to the PD and afterwards the PC should give an advice. The course descriptions should be formulated better. The chairman and the PD will talk to the chairholder of SOR.

145

## 9. Mastermath minutes OC meeting 13 October 2017

This agenda item is postponed due to time restrictions.

## 10. Any other business

150 There are no other points brought up by the meeting attendees.

## 11. Questions

There are no questions.

155

## 12. Closure

The meeting closes at 17:28 hrs.

## Actions

Nr	Description	Meeting	Responsible
282	Contact the module-coordinator of CS about the question notification tool that they use	24/4/2018	B-coordinator
283	Inquire if there will be a possibility in Canvas for self-enrolment in the elective courses in module 11	24/4/2018	Timmer
284	Inquire why the literature class in the Reflection-part of module 11 has been cancelled	24/4/2018	PD
285	Write a positive advice on language courses in the minor with the addition that test results of the language course should be shown in order to get EC's for it	24/4/2018	Chairman
286	Write an advice on adding the Variational Methods for Inverse Problems in Biomedical Imaging course to the 4TU-programme and extend it to a 6EC course	24/4/2018	Chairman
287	Write a positive advice on the Master TER with the remarks listed below	24/4/2018	Chairman

160

## Advices and correspondence

Nr	Description

## Points of attention

Nr	Description