

DATE

2 October 2018

OUR REFERENCE

EWI18/BOZ/7126/LvdP

## Minutes 147<sup>th</sup> PC-AM (OLC-TW)-meeting Tuesday 29 May 2018, 15:45 hrs.

- 5 *present:* Hil Meijer (chairman), Peter Dickinson, Gjerrit Meinsma, Judith Timmer (from 15:48 until 16:50 hrs.), Dieuwertje Alblas, Femke Boelens, Douwe Hut, Lotte Weedage, Jan Willem Polderman (PD), Yael Veenstra-Konzizky (B-coordinator), Mariya Karlashchuk (educational officer Abacus), Justus Sleurink (candidate educational officer Abacus) and Lennard van der Putten (writing minutes)
- 10 *absent with notice:* Marloes van Grinsven (M-coordinator)

### 1. Opening

- 15 The chairman opens the meeting at 15:45 hrs.  
The chairman announces that there will probably be an additional meeting, this will be discussed at agenda item 9.

### 2. Minutes 146<sup>th</sup> meeting 24 April 2018

- 20 - *Textual corrections:*  
p. 2, l. 56: "Hut will go" will be replaced by "Hut and Meinsma will go".  
The minutes are approved with the above textual correction.
- *In response to the points raised in the minutes:*  
p. 2, l. 56: Meinsma went to the Quality Agenda meeting and mentions that the first half of the meeting was nice, the second half was slightly less interesting. The PD mentions that the faculty asked student members in the PC's and study associations for points of improvement. The two main priorities are to create more workspaces and to improve study guidance in the broadest sense. Weedage agrees that improving study guidance is a good idea to focus on. The PD says that this investigation was the first step, so now it should be put together and sent to the Central Administration of the UT. The study areas should be arranged by either the UT or the faculty EEMCS rather than the programme AM.
- 25 p. 3, l. 114-115: The chairman asks if the name change of the internship for AM has already been discussed. The PD answers that this has not been discussed yet in the steering group and that this concerns the master TER.
- 30 - *Actions:*  
35 282: The B-coordinator had a meeting with the developer of the question notification tool and announces that the tool probably will be implemented at tutorials with student assistants at AM. Done, to be removed from the list.  
283: Timmer had a meeting with the Blackboard/Canvas key user and says that there is still being searched for a solution, but self-enrolment will probably not be possible in Canvas. Done, to be removed from the list.  
40 284: The PD says this has not been done. Timmer has spoken to Petri de Willigen and mentions that she was not aware of the meeting, since it was not in her agenda. The chairman says that the meeting was stated in the timetable, so she should have known about it. Action remains on the list.  
45 285: The chairman deliberately waited with writing the advice until the approval of the bachelor TER. Action remains on the list.  
286: The chairman mentions that there has been an update on the Variational Methods for Inverse Problems course. Done, to be removed from the list.  
287: The chairman has written an e-mail to the PC about why the advice has not been written. To be removed from the list.

50

### 3. Advices/correspondence

- *Advices:*

The chairman has sent an e-mail about the advice of the Master TER.

55 **4. Announcements**

There are no announcements.

**5. Bachelor TER 2018**

60 The version of the Bachelor TER with track changes will be discussed. The module descriptions of the changed modules 1 to 5 will be discussed separately from the TER.

The chairman has a list with typos and will send it to the B-coordinator.

p. 5: Weedage asks if there are any bachelor students that started before 1 September 2013. The chairman says there are.

65 p. 5, second paragraph, last line: The chairman suggests to reformulate “to avail themselves” to a bit easier language, e.g. “to arrange for themselves”.

p. 9: Timmer asks if the TER only holds for the upcoming generation of students, since the modules will be shifted next year. The PD confirms, since the TER describes the curriculum as it is in the year of validity. Otherwise there need to be different TER’s for students who cannot follow the regular programme by any reason. The chairman advises to avoid the term “learning outcomes”, since this term is reserved for Osiris and the TER should contain general descriptions rather than learning goals. The PD says that the learning goals should be in the TER, but suggests to make the following remark in the beginning of section 2: “We mention the general learning outcomes of the modules. For the more detailed learning outcomes of the module parts we refer to Osiris.”

70 p. 9, module 1, first paragraph: “(Mathematics  $\beta$ 1)” should be removed.

75 p. 9, module 1, item 2: “needed in about every subsequent module” should be removed.

p. 9, module 3: Avoid redundancy by merging items 2 and 3.

p. 10, module 4, first sentence: “core” should be removed.

p. 10, module 5, third sentence: “Analysis” should be changed into “Analysis II”.

80 p. 11, module 6: Item 3 should be changed into “can use various numerical and analytical techniques to study the model.”

p. 11, module 7: Timmer asks why it is mentioned here that module 7 is a joint effort with TCS, while it is not mentioned at modules 3 and 7. In module 3 will be added a remark on the collaboration with AP and in module 8 a remark on the collaboration with IEM and CE will be added.

85 p. 12, section 3.4: Weedage asks why the abbreviations of complete and incomplete are in Dutch. The PD explains that this is due to Osiris.

p. 13, section 3.7, item 2: The references need to be changed into paragraphs 4.4.4 and 4.4.5.

p. 13, section 3.7, item 5: Boelens notices that the naming of the Reflection-part is inconsistent with the rest of the TER.

90 p. 14, section 3.10, second paragraph: The references need to be changed into tables 7, 8 and 9.

p. 18, section 4.4, item 3: “Fields of Electromagnetism” should be changed into “Fields and Electromagnetism”.

p. 18, section 4.4: Item 5 is blank, this should be removed.

95 p. 18, section 4.4, item 6: The superfluous “of” needs to be removed.

p. 21, table 2: Weedage notices that the table is misaligned vertically. Dickinson says that “NA” should be changed into “t.b.a.”. The chairman notices that the name and course code of module 6 is changed in the TER, while the content of the module with all its facets has not been changed.

The list on page 24 is correct and shows how the module should be. The B-coordinator will undo this change of module 6. **[action B-coordinator]**

100 p. 22, table 3: The vertical alignment of the table should be corrected.

p. 27, section 5.8, bottom paragraph: “ministered” should be changed into “administered”.

p. 30-31, section 6.2: The chairman notices that AM module 6 is listed in quartiles 6 and 10, while it should only be followed in the third year. The table will be replaced by the correct table. **[action B-coordinator]**

105 p. 35, table 10, quarter 7 and 8: Dickinson mentions that the abbreviation “PDV” should be replaced by “PDE”.

p. 37: “Technical Computer Science” should be spelled correctly in the header.

p. 40, section 7.3: The chairman notices that this is the first occasion that “he/she” is used instead of “he”. This should be made consistent with the rest of the TER.

- 110 p. 40, section 7.6, item 2: The chairman says that the clause for Cum Laude in the part for AM only is different. In order to restore consistency, the last part of the last sentence (“but only following individual assessment of the student’s academic achievements”) should be removed.
- p. 41: Karlashchuk asks why the Binding Study Advice (BSA) is renamed to Binding Recommendation (BR). The PD answers that this name is nicer, however the new name has not  
115 been implemented everywhere. This should be done.
- p. 44, table 11, quarter 10: Weedage notices that the weblink links to an English webpage, while several other weblinks link to Dutch webpages. Weedage will list the Dutch weblinks and send them to the B-coordinator.
- p. 44, table 11, quarter 11: Hut mentions that “Optimisation” should be changed into “Mathematical  
120 Optimisation”.
- Regarding all comments listed above, the chairman will write a positive advice on the Bachelor TER. **[action Chairman]**  
- *Prooflab*
- In general, Prooflab I is the former Math A, Prooflab II is a reduced version of the previous Prooflab  
125 and Prooflab II is an entirely new part. The PD says that the description will be split and added to the module descriptions in Osiris.
- 6. Master TER 2018**
- The chairman says there has been some changes in the placement of some SACS courses. The  
130 OR specialisation has sent a more detailed version of their proposal for the reclustering of some courses. The descriptions look fine. The chairman mentions that there is a better version of the description of the Stochastic Models in Production and Logistics course, he will ask if that version can be sent to the PC. The chairman says that the course description of Deep Learning looks good.
- The list of courses has been removed from the TER. The PC agrees with the current version,  
135 therefore the chairman will write a positive advice on the Master TER. Before he will send the advice to the PD, he will let the PC check the advice first. **[action Chairman]**
- 7. Mastermath minutes OC meeting 13 April 2018**  
This agenda item is postponed due to time restrictions.  
140
- 8. Evaluations**  
This agenda item is postponed due to time restrictions.
- 9. Scheduling additional next meeting**  
145 There are two main issues that still need to be discussed in the PC this academic year, namely the new course descriptions of modules 1 to 5 and the new course description of the Scientific Computing course. This will be done in an additional meeting, which is planned on Tuesday 19 June at 15:45 hrs.
- 10. Any other business**  
150 There are no other points brought up by the meeting attendees.
- 11. Questions**  
155 Weedage asks whether new student members should be looked for next year, since Weedage, Alblas and Hut are all master students by then. The chairman says that students should choose their delegation, but it is preferable to have at least one additional bachelor student.
- 12. Closure**  
160 The meeting closes at 17:22 hrs.

## Actions

Nr	Description	Meeting	Responsible
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
288	Undo the change of the course code and name of module 6	29/5/2018	B-coordinator
289	Write a positive advice on the Bachelor TER regarding the comments listed below	29/5/2018	Chairman
290	Write a positive advice on the Master TER and let the advice be checked by the PC before sending it to the PD	29/5/2018	Chairman
291	Make sure the correct table for the double program AM/AP is stated in the TER	29/5/2018	B-coordinator

## Advices and correspondence

Nr	Description

165

## Points of attention

Nr	Description