Prof. Dr. Oliver Hahm
Instructor profile (WiSe21/22)
No. of responses = 31

EvaS Evaluations Service **FRA-UAS**

Survey Results

Legend

Question text

Relative Frequencies of answers | Mean

Left pole | 25% | 0% | 50% | 0% | 25% | Right pole

Scale | 1 | 2 | 3 | 4 | 5 | Histogram
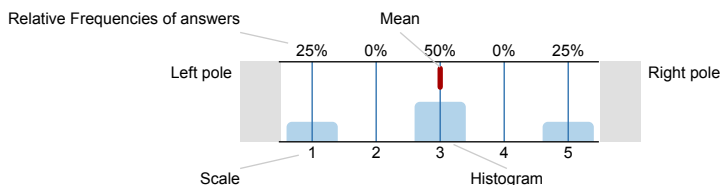
n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention

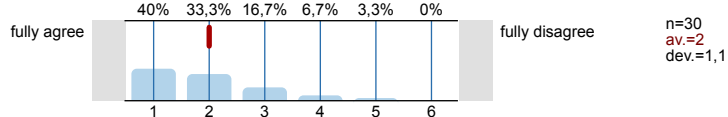### 1. Please specify how far you agree or disagree with the following statements concerning this course. Please cross only one box.

1.1) The structure of the course content is logical/ comprehensible.

fully agree — 43,3% 33,3% 10% 10% 3,3% 0% — fully disagree

n=30
av.=2
dev.=1,1

1.2) The lecturer is able to make complex contents comprehensible.

fully agree — 40% 33,3% 10% 10% 6,7% 0% — fully disagree

n=30
av.=2,1
dev.=1,2

1.3) The course is taught in an interesting way.

fully agree — 16,7% 26,7% 43,3% 3,3% 10% 0% — fully disagree

n=30
av.=2,6
dev.=1,1

1.4) Discussions are well moderated (stimulation of contributions, thoroughness in answering to contributions, timing, halting of non-stop talkers).

fully agree — 69% 13,8% 6,9% 10,3% 0% 0% — fully disagree

n=29
av.=1,6
dev.=1

1.5) There is sufficient discussion/ there is enough opportunity for questions.

fully agree — 69% 13,8% 10,3% 6,9% 0% 0% — fully disagree

n=29
av.=1,6
dev.=0,9

1.6) The course enhances my interest in my studies.

fully agree — 36,7% 30% 23,3% 3,3% 3,3% 3,3% — fully disagree

n=30
av.=2,2
dev.=1,3

1.7) The accompanying materials (scripts, bibliographies, internet, etc.) are helpful

fully agree — 40% 40% 6,7% 6,7% 6,7% 0% — fully disagree

n=30
av.=2
dev.=1,2

1.8) The lecturer is sufficiently reachable outside the course times as well.

fully agree — 64% 12% 20% 0% 4% 0% — fully disagree
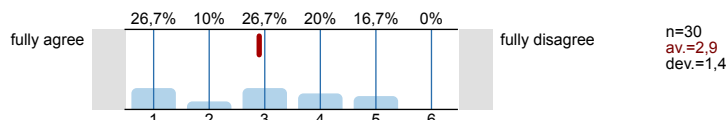
n=25
av.=1,7
dev.=1,1
ab.=5

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2. Assessment of knowledge gains

The topic of the module/ unit is interesting to me.

2.1) This is my assessment <u>after</u> the module/ unit.
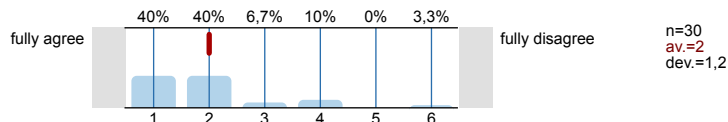
| | 40% | 33,3% | 16,7% | 6,7% | 3,3% | 0% | |
fully agree ... fully disagree

n=30
av.=2
dev.=1,1

2.2) This is my assessment <u>before</u> the module/ unit.

26,7% 10% 26,7% 20% 16,7% 0%
fully agree ... fully disagree

n=30
av.=2,9
dev.=1,4

I know a lot about the topic of the module/ unit.

2.3) This is my assessment <u>after</u> the module/ unit.

40% 40% 6,7% 10% 0% 3,3%
fully agree ... fully disagree

n=30
av.=2
dev.=1,2

2.4) This is my assessment <u>before</u> the module/ unit.

13,3% 6,7% 23,3% 10% 23,3% 23,3%
fully agree ... fully disagree

n=30
av.=3,9
dev.=1,7
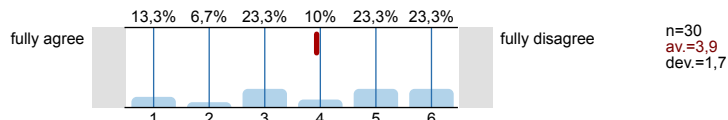
I can apply the content of the module/ unit.

2.5) This is my assessment <u>after</u> the module/ unit.

36,7% 33,3% 16,7% 6,7% 3,3% 3,3%
fully agree ... fully disagree

n=30
av.=2,2
dev.=1,3

2.6) This is my assessment <u>before</u> the module/ unit.

10% 10% 10% 6,7% 30% 33,3%
fully agree ... fully disagree

n=30
av.=4,4
dev.=1,7
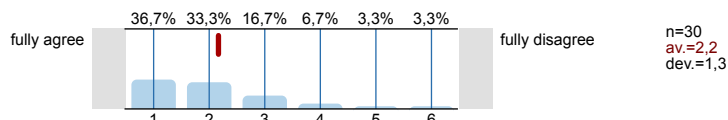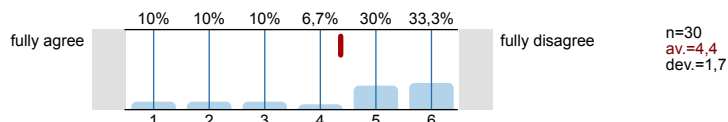
3. Requirements and Workload

3.1) Was your previous knowledge sufficient to follow the course?
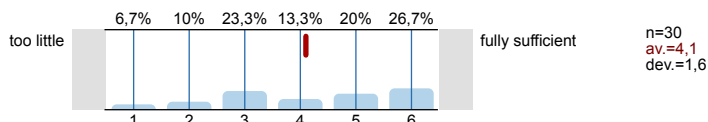
6,7% 10% 23,3% 13,3% 20% 26,7%
too little ... fully sufficient

n=30
av.=4,1
dev.=1,6

3.2) How many lectures/ seminars did you attend?

0% 3,3% 3,3% 3,3% 43,3% 46,7%
0% (none ... 100% (all)

n=30
av.=5,3
dev.=0,9

3.3) How would you evaluate the required preparatory work in relationship to the module content?

0% 0% 13,3% 33,3% 36,7% 16,7%
low ... high

n=30
av.=4,6
dev.=0,9

3.4) The workload corresponds to the ECTS earned in the module/ unit (1 ECTS = 30 hours)

26,7% 16,7% 26,7% 10% 10% 10%
fully agree ... fully disagree

n=30
av.=2,9
dev.=1,6
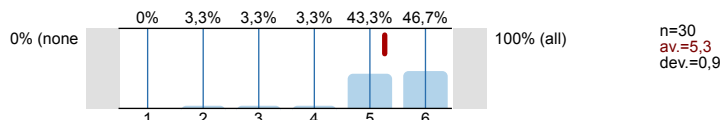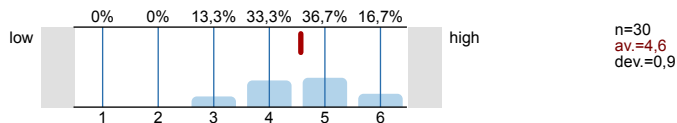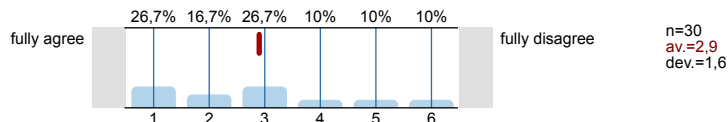
3.5) How much time do you spend per week for preparatioon and homework for this course?
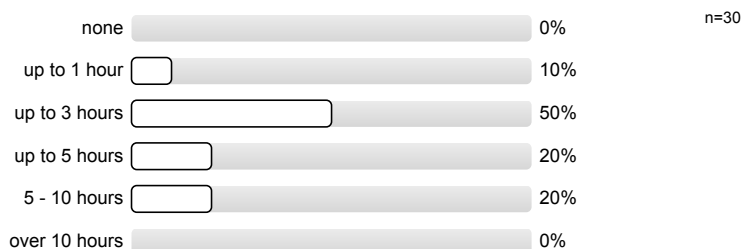
none	0%
up to 1 hour	10%
up to 3 hours	50%
up to 5 hours	20%
5 - 10 hours	20%
over 10 hours	0%

n=30

4. Student contribution to the teaching quality and general conditions

4.1) Fidgeting, chatting, and disturbances of participants interfere with the course.

	6,9%	17,2%	6,9%	3,4%	10,3%	55,2%	
fully agree	1	2	3	4	5	6	fully disagree

n=29
av.=4,6
dev.=1,9

4.2) The students contributed to a productive working atmosphere.

	27,6%	34,5%	27,6%	10,3%	0%	0%	
fully agree	1	2	3	4	5	6	fully disagree

n=29
av.=2,2
dev.=1

4.3) The spatial conditions of the event are appropriate.

	37,9%	24,1%	27,6%	3,4%	3,4%	3,4%	
fully agree	1	2	3	4	5	6	fully disagree

n=29
av.=2,2
dev.=1,3

5. A few more things we would like you to tell us...

5.1) Which grade would you give this module/ unit

	33,3%	50%	10%	3,3%	3,3%	0%	
Excellent (1)	1	2	3	4	5	6	Very poor (6)

n=30
av.=1,9
dev.=0,9
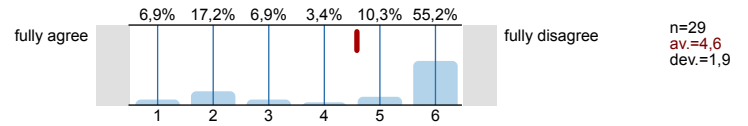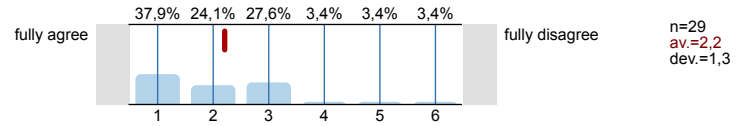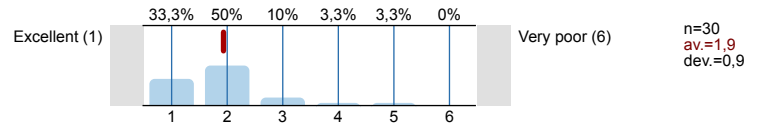
5.2) Are you an exchange student?

Yes ⬜ 23.3%
No ⬜ 76.7%

n=30

Profile

1. Please specify how far you agree or disagree with the following statements concerning this course. Please cross only one box.

No.	Statement	Scale		n	av.	md	dev.
1.1)	The structure of the course content is logical/ comprehensible.	fully agree — fully disagree		n=30	av.=2,0	md=2,0	dev.=1,1
1.2)	The lecturer is able to make complex contents comprehensible.	fully agree — fully disagree		n=30	av.=2,1	md=2,0	dev.=1,2
1.3)	The course is taught in an interesting way.	fully agree — fully disagree		n=30	av.=2,6	md=3,0	dev.=1,1
1.4)	Discussions are well moderated (stimulation of contributions, thoroughness in answering to contributions, timing, halting of non-stop	fully agree — fully disagree		n=29	av.=1,6	md=1,0	dev.=1,0
1.5)	There is sufficient discussion/ there is enough opportunity for questions.	fully agree — fully disagree		n=29	av.=1,6	md=1,0	dev.=0,9
1.6)	The course enhances my interest in my studies.	fully agree — fully disagree		n=30	av.=2,2	md=2,0	dev.=1,3
1.7)	The accompanying materials (scripts, bibliographies, internet, etc.) are helpful	fully agree — fully disagree		n=30	av.=2,0	md=2,0	dev.=1,2
1.8)	The lecturer is sufficiently reachable outside the course times as well.	fully agree — fully disagree		n=25	av.=1,7	md=1,0	dev.=1,1

2. Assessment of knowledge gains

No.	Statement	Scale		n	av.	md	dev.
2.1)	**The topic of the module/ unit is interesting to me.** - This is my assessment <u>after</u> the module/ unit.	fully agree — fully disagree		n=30	av.=2,0	md=2,0	dev.=1,1
2.2)	**The topic of the module/ unit is interesting to me.** - This is my assessment <u>before</u> the module/	fully agree — fully disagree		n=30	av.=2,9	md=3,0	dev.=1,4
2.3)	**I know a lot about the topic of the module/ unit.** - This is my assessment <u>after</u> the module/ unit.	fully agree — fully disagree		n=30	av.=2,0	md=2,0	dev.=1,2
2.4)	**I know a lot about the topic of the module/ unit.** - This is my assessment <u>before</u> the module/ unit.	fully agree — fully disagree		n=30	av.=3,9	md=4,0	dev.=1,7
2.5)	**I can apply the content of the module/ unit.** - This is my assessment <u>after</u> the module/ unit.	fully agree — fully disagree		n=30	av.=2,2	md=2,0	dev.=1,3
2.6)	**I can apply the content of the module/ unit.** - This is my assessment <u>before</u> the module/ unit.	fully agree — fully disagree		n=30	av.=4,4	md=5,0	dev.=1,7

3. Requirements and Workload

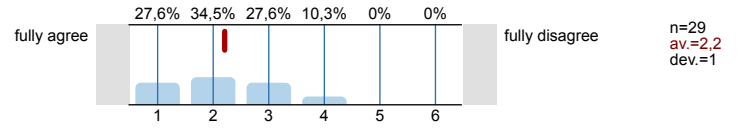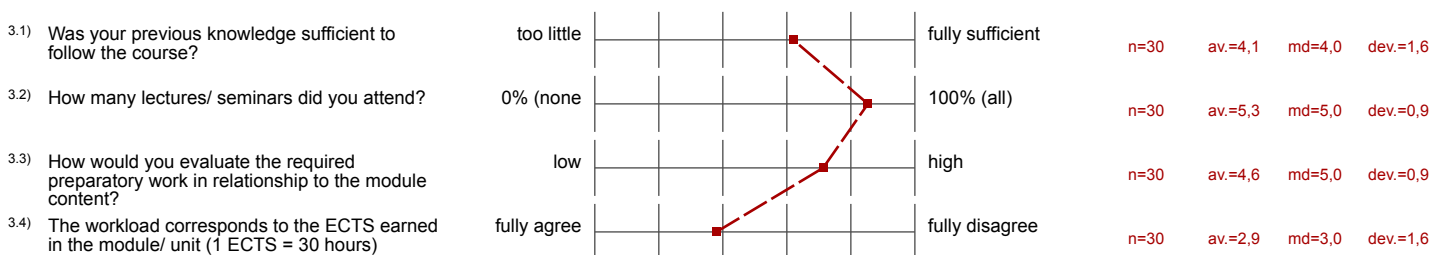| No.	Statement	Scale		n	av.	md	dev.
3.1)	Was your previous knowledge sufficient to follow the course?	too little — fully sufficient		n=30	av.=4,1	md=4,0	dev.=1,6
3.2)	How many lectures/ seminars did you attend?	0% (none) — 100% (all)		n=30	av.=5,3	md=5,0	dev.=0,9
3.3)	How would you evaluate the required preparatory work in relationship to the module content?	low — high		n=30	av.=4,6	md=5,0	dev.=0,9
3.4)	The workload corresponds to the ECTS earned in the module/ unit (1 ECTS = 30 hours)	fully agree — fully disagree		n=30	av.=2,9	md=3,0	dev.=1,6

4. Student contribution to the teaching quality and general conditions

4.1)	Fidgeting, chatting, and disturbances of participants interfere with the course.	fully agree		fully disagree	n=29	av.=4,6	md=6,0	dev.=1,9
4.2)	The students contributed to a productive working atmosphere.	fully agree		fully disagree	n=29	av.=2,2	md=2,0	dev.=1,0
4.3)	The spatial conditions of the event are appropriate.	fully agree		fully disagree	n=29	av.=2,2	md=2,0	dev.=1,3

5. A few more things we would like you to tell us...

| 5.1) | Which grade would you give this module/ unit | Excellent (1) | | Very poor (6) | n=30 | av.=1,9 | md=2,0 | dev.=0,9 |

Outcome-based evaluation

	Statements to be rated	low ← Level of agreement → high 6 5 4 3 2 1	Percentage of students 0% 20% 40% 60% 80% 100%		CSA Gain
2. Assessment of knowledge gains	The topic of the module/ unit is interesting to me.			pre post	47,37%
	I know a lot about the topic of the module/ unit.			pre post	65,91%
	I can apply the content of the module/ unit.			pre post	65,35%

Time of survey ■ before the course ■ after the course

Perceived knowledge/ ability ■ low (6) ■ high (1)

Data presentation adapted from Raupach et al. Med Teach 2011; 33: e446-ee453.
Error bars indicate standard errors of the mean.

Comments Report

5. A few more things we would like you to tell us...

5.3) What did you especially like about this course?

- -Well structured
  -Good overview about the OSI model

> gute Verlesungen.
> Die Übungen sind sehr gut.
> Es wurden alle themen gut angegangen

> Exercices, and course experience and explanation

> THE POWERPOINT IS REALLY GOOD.

> A friendly professor That's necessary to make students understand a concept

> By using the terminal, microcontrollers or other tools, the theoretical part of the lecture was brought closer to practice.

- Examples and analogies made to explain terms or concepts.

- Exercises

- I liked the opportunity to ask a lot of questions in the exercises and the summary of the last lecture in the ex.

- Prof. Dr. Oliver Hahm explain everything excellent. I really like that he upload the answers for the exercises. This is relly helpful when I revise the exercises.

- The tutor is always helpful, answers every question (even basic ones) ad is quick with response. realy liked it

- how professor hahm explain the exercice and to help to understand all content

5.4) Your suggestions for improvement:

> More exercices and more detailed correction.

> fewer abbreviations.

> The exercises made with respect I will like that thee should be an example per Concept in the lecture slides That's because the exercises just look very difficult, whereas they are easy. the way it's now it is required And a description of how its done in the lecture slides is not enough. A solved example is way better.

- I do not have any suggestions. Everything is very good.

- I had problems with the order you choose for teaching the different layers. To me it would be more accessable if we would have started from top down (Application layer first -> Physical last).

- The course is missing of real life examples and explanations of the use of the content. There is no "big picture" of the content. So it's difficult to understand if you don't inform yourself about the content.

- There is too much content in the full course and in the lecture slices too.

- it's a bit difficult sometimes to get a proper understanding for the usecases of the tought stuff.

- the content of lecture is too much
  difficult to understand with few example

- the lecturer presents the content in a monotone/boring way.

- there are a lot of abbreviations, it is not easy to follow them, maybe would be better to write the whole definition more times