

Overall indicators

Gesamtergebnis (Maximalwert 6)



av.=5.59
dev.=0.65

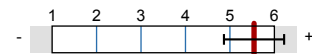
Das Gesamtergebnis (mw) ergibt sich aus den Ergebnissen der Fragen 1.1 - 1.3 und 2.1 - 2.7 und ist für die Einstufung massgebend:

The overall score (av.) is formulated from the scores in questions 1.1 - 1.3 and 2.1 - 2.7 and determines the classification:

Hervorragend <i>Excellent</i>	Gesamtergebnis (mw): Overall score (av):	≥ 5.7
Gut <i>Good</i>	Gesamtergebnis (mw): Overall score (av):	≥ 4.5 < 5.7
Ausreichend <i>Sufficient</i>	Gesamtergebnis (mw): Overall score (av):	≥ 4.0 < 4.5
Unzureichend <i>Insufficient</i>	Gesamtergebnis (mw): Overall score (av):	< 4.0

Stand/Latest update: 3/2021

Lernfortschritt (Maximalwert 6)



av.=5.54
dev.=0.68

Der Indikator "Lernfortschritt" ergibt sich aus den Fragen 1.1 - 1.3.

The indicator "Learning progress" is formulated from the scores in questions 1.1 - 1.3.

Zufriedenheit (Maximalwert 6)



av.=5.61
dev.=0.65

Der Indikator "Zufriedenheit" ergibt sich aus den Fragen 2.1 - 2.7.

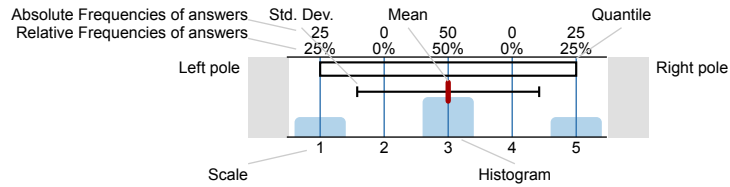
The indicator "Satisfaction" is formulated from the scores in questions 2.1 - 2.7.

Ab Frühjahr 2021 neue Fragebogenversion
Reworked questionnaire as of spring semester 2021

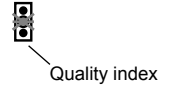
<http://www.lehre.unibe.ch/lve>

Legend

Question text



n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention



Description of quality symbol

Mean value is below the quality guideline.

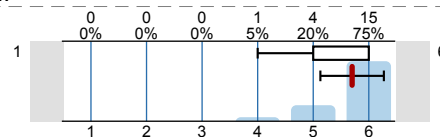
Mean is within the range of tolerance for the quality guideline.

Mean value is within the quality guideline.

1. Lernfortschritt

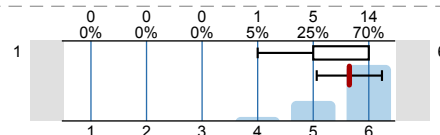
Ich konnte mir in dieser Lehrveranstaltung Kompetenzen aneignen...

1.1) ... im Umgang mit Faktenwissen.



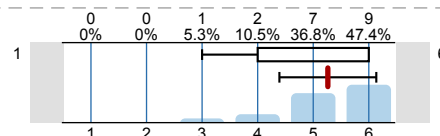
n=20
av.=5.7
dev.=0.57

1.2) ... im Verständnis von Zusammenhängen.



n=20
av.=5.65
dev.=0.59

1.3) ... im kritischen Reflektieren von Fakten, Methoden und Theorien.



n=19
av.=5.26
dev.=0.87

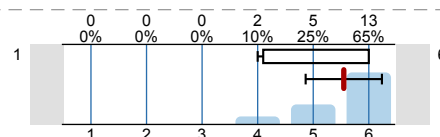
1.4) Weitere Rückmeldungen zu meinem Lernfortschritt (siehe 1.1 - 1.3):

■ I already knew some of the introduced programming languages but by analyzing the overall difference of paradigms I learned some new facts about them which was interesting

2. Allgemeine Beurteilung

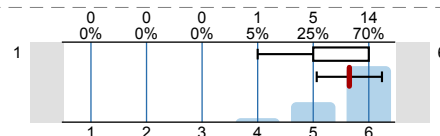
Zufriedenheit mit...
Satisfaction...

2.1) ... der Lehrveranstaltung insgesamt



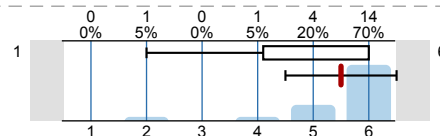
n=20
av.=5.55
dev.=0.69

2.2) ... der inhaltlichen Strukturierung der Veranstaltung



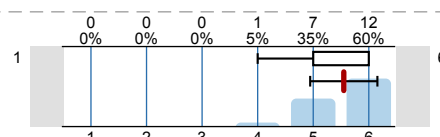
n=20
av.=5.65
dev.=0.59

2.3) ... den Hilfsmitteln zur Unterstützung des Lernens



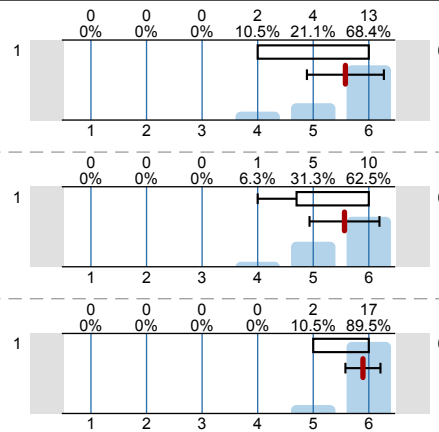
n=20
av.=5.5
dev.=1

2.4) ... der Art, wie der / die Dozierende die formulierten Lernergebnisse erklärt hat



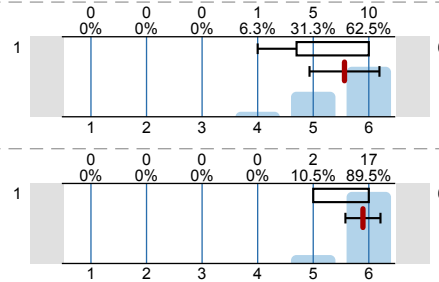
n=20
av.=5.55
dev.=0.6

2.5) ... der Art, wie der / die Dozierende die Lerninhalte vermittelt hat



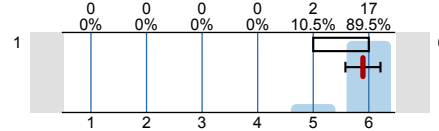
n=19
av.=5.58
dev.=0.69
ab.=1

2.6) ... den Anregungen des / der Dozierenden bezogen auf meinen Lernstand



n=16
av.=5.56
dev.=0.63
ab.=4

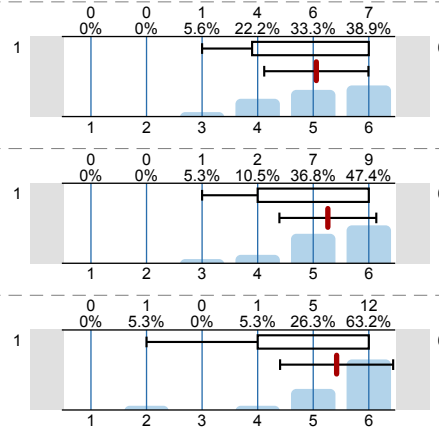
2.7) ... der Art, wie sich der / die Dozierende den Studierenden gegenüber verhalten hat



n=19
av.=5.89
dev.=0.32
ab.=1

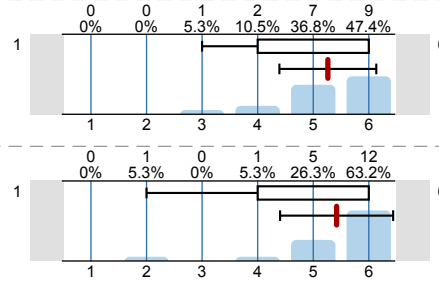
Die nachfolgenden Fragen zählen nicht zum Gesamtergebnis:
The items below do not count toward the overall score:

2.8) ... meinem eigenen Beitrag während der Lehrveranstaltung



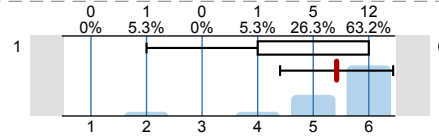
n=18
av.=5.06
dev.=0.94
ab.=2

2.9) ... meiner kontinuierlichen Vorbereitung auf die Veranstaltungstermine



n=19
av.=5.26
dev.=0.87
ab.=1

2.10) ... den Rahmenbedingungen der Lehrveranstaltung (Räumlichkeit, Informationen, Organisation etc.)



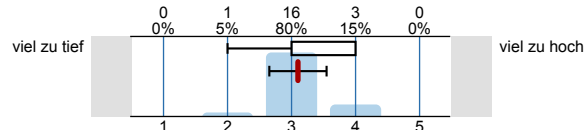
n=19
av.=5.42
dev.=1.02
ab.=1

2.11) Weitere Rückmeldungen zu Inhalt, Strukturierung, Vermittlung, Hilfsmitteln etc.:

- Content was great, structure was great and the examples on the webpage were great too. I can't think of something negative to be honest
- Der Kurs war super organisiert, klar strukturiert und verständlich. Einer meiner Lieblingskurse!
Die Idee mit Mentimeter fand ich toll und es war ebenfalls sehr hilfreich, dass der Dozent Fragen vorbereitet hat.
- The chapter about lambdas was very difficult and should have been explained more easily, and slower. the slides could have been better here. also it did not fit too well into the lecture content for me.
I had expected that the following questions were answered more clearly: Where is this programming language used in the industry and why? What are its main advantages? These questions were not focused on enough for me.

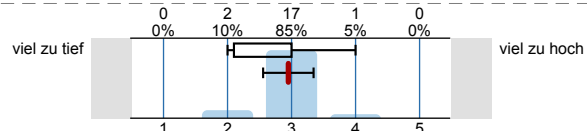
3. Anspruchsniveau

3.1) Das Anspruchsniveau der Lehrveranstaltung war insgesamt...



n=20
av.=3.1
dev.=0.45

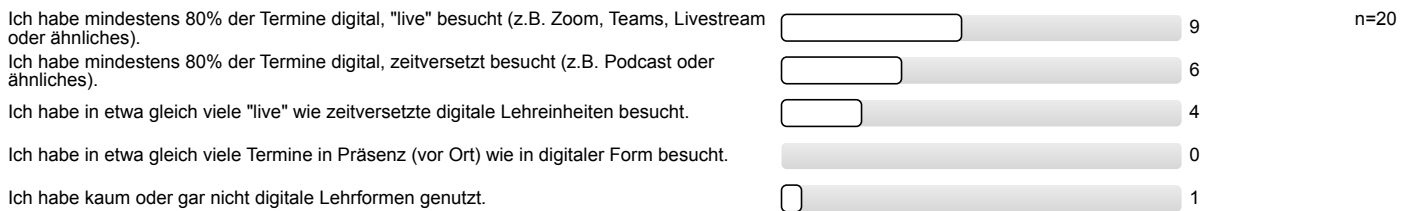
3.2) Mein Zeitaufwand, um dieser Lehrveranstaltung zu folgen, war insgesamt...



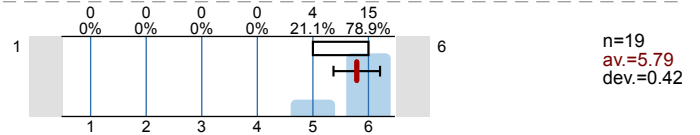
n=20
av.=2.95
dev.=0.39

4. Fragen zu digitalen Lehrformen

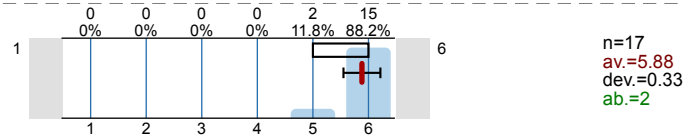
4.1) In welcher Form haben Sie an der Lehrveranstaltung teilgenommen?



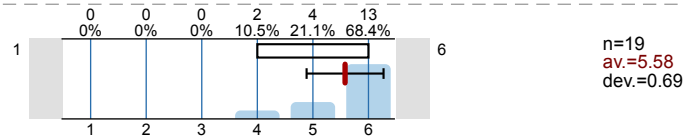
4.2) Die eingesetzten digitalen Tools (z.B. Zoom, Teams, Livestream, Podcast) funktionierten technisch einwandfrei.



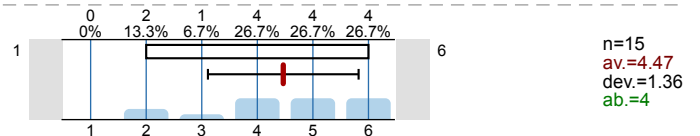
4.3) Mein Aufwand und der Nutzen der eingesetzten digitalen Tools (z.B. Zoom, Teams, Livestream, Podcast) standen für mich in einem angemessenen Verhältnis.



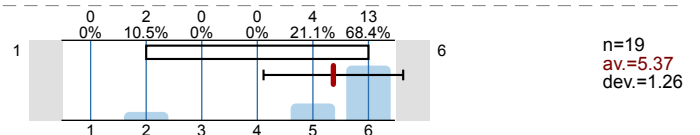
4.4) Die Online-Aktivitäten waren mit eindeutigen Aufgaben und Zielen verbunden.



4.5) Im Rahmen der digitalen Lehrveranstaltung konnte ich mit den Mitstudierenden lernförderlich interagieren.

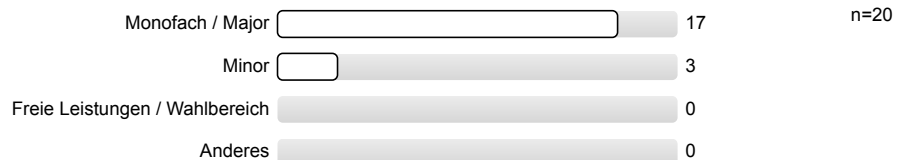


4.6) Insgesamt bin ich mit der digitalen Lernerfahrung sehr zufrieden.

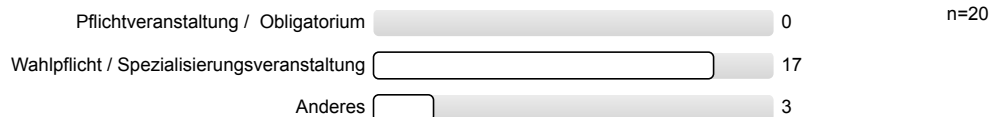


5. Hintergrundvariablen

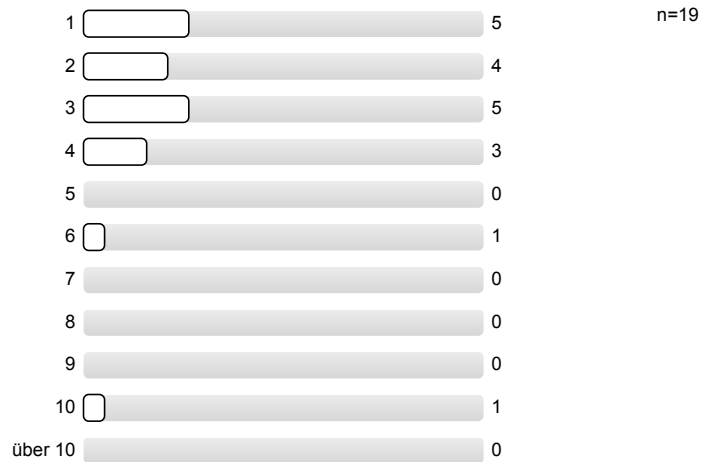
5.1) Wozu zählt diese Lehrveranstaltung innerhalb Ihres Studiums?



5.2) Welche Rolle spielt diese Lehrveranstaltung in Ihrem Studienprogramm?



5.3) In welchem Semester befinden Sie sich in diesem Studienprogramm?



6. Offene Fragen

6.1) Was hat Ihnen an dieser Lehrveranstaltung besonders gut gefallen?

- - I like your clear and well prepared style of presenting.
- nice annotated slides
- Die Begeisterung des Dozenten für die Lehrveranstaltung war deutlich spürbar. Mir gefiel sein kompetenter Umgang mit den Tools die er genutzt hat.
Die Übungen entsprachen dem Gelernten und unterstützten beim Verständnis, was ich mehr als hilfreich fand.
- Die Qualität der Podcasts war ausserordentlich gut. Das Format mit Podcasts + Zoom-Call für Fragen und Diskussionen war sehr angenehm.
- Die Vorlesungen sind interessant, sinnvoll strukturiert, gut verständlich und sehr angenehm zum zuhören. Der Professor ist sehr kompetent bei der Wissensvermittlung und generell ein talentierter Redner. Die Übungen waren auch super.
- First of all, I really appreciate the way the course was organized. I liked the fact that I was able to see prof. in the podcasts. If the actual situation with the pandemic brought any good, is the fact that we were able to keep re-watching a podcast or repeat a certain minute or two, till you understand it.

More, I absolutely loved the fact that the assignments we received were related to what we have learned in our courses. They were exactly what I think someone would need to learn and improve for the course. Not too much, a little challenging, but using everything you learned during the class. I believe that the idea behind an assignment should not be to stress the student, but to actually help you prepare for the course, to test yourself if you understood the lecture or learn a bit more. This is the first time when I actually found myself very curious and excited to see what does our next assignment look like.

If I discussed about the assignments, then I feel like mentioning that the teaching assistant(Reza) was always encouraging us and I think he is a great TA.

Another thing that was nice about the organization of the course, was that prof. used Mentimeter which I found very friendly(it is a nice tool).

Lastly, I believe prof.'s humour made classes less stressy and more enjoyable!

Prof. Oscat Nierstrasz is one of my favorite teachers and I found his course something that I am happy that I decided to attend.

- Fragen am Ende der Slides.
- I liked that the podcast were uploaded before such that during the lecture time we could all focus on interesting questions about the topic. Also, the mentimeter that the lecturer used was a great too to enable interesting discussions. I liked the way the lecturer sometimes asked a spontaneous question that popped into his mind and then we could see the way of thinking and solving the problem. It gave the whole lecture a relaxed nature while maintaining interesting discussions. I very much enjoyed attending these zoom meetings. And as always, the presentation slides of this professors are the best I have seen in the Master's program (structured, not overloaded but the theoretical slides in between (which are visible in pdf but not in the presentation), the goal slides at the end of the presentation, etc).
- Mentimeter was a nice tool, interesting topics, podcasts were good
I would have preferred lectures in person but considering the situation I think this was the next best thing with podcasts for preparation and then a live question round.
- Oscar = Awesome!
Lecture is very interactive, like this learning is fun.
- Oscar is one of the gratest lecturers. He always explains in a good and understandable language. He also takes students seriously, speaks to them on the same level and can also accept that some students may have better skills/experience in some fields. Also, oscar is fun and does not take himself too serious. We will miss you!

Content-wise I enjoyed playing around with haskell, postscript and javascript.
The live-sessions were also mostly nice, well prepared and with good questions to help understanding the content. The tool usage (menti) was good.

- Very good structure of the course. Very clear explanations. Generally good questions in the live sessions over mentimeter.
- Very good teacher, very pleasant course to follow.
- Very well done. I really liked this course
Thanks Oscar Nierstrasz and team

6.2) Was hat Ihnen an dieser Lehrveranstaltung weniger gut gefallen bzw. welche Verbesserungsvorschläge haben Sie?

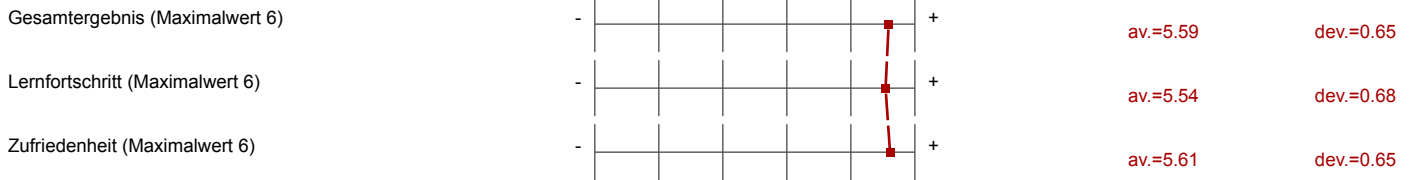
- - the subclass/subtypes part was not completely clear after the class
- some exercise questions were unclear - sometimes, I could not understand the question
- I liked mentimeter as a solution for making the class more interactive between students and teacher, but I would have really appreciated it if the interaction amongst students had also been enabled/encouraged. For example through the use of zoom breakout rooms after certain questions - the online equivalent of "why is this so? discuss with your neighbors for the next 5 min" or maybe even having the first exercise (programming languages theory questions) be more in depth but in teams of 2-3 people.
- I thought the exercises could have been a bit more difficult. But I think this is a biased opinion since I already knew Haskell, Prolog, Java and Javascript:) Nevertheless, I think for someone who didn't know them they might be in perfect range.
- I would not change a single thing about it.
- Some topics are rather theoretical
- Take more time and try to create simpler slides to explain lambdas.

The assignments were seldomly written in an understandable manner. Often it was not very clear to me what the exercise was or what the assistant wanted. Also, why not use the assignment hand-in function on ilias? the mail returning is not very good in terms of responsiveness as you dont know if the mail was sent. also, the feedback and achieved points would be more clear if managed on ilias. currently i have no idea how many points i scored.

- The upload of the exercises could be done on ilias directly. Otherwise it takes many time to know if the exercise set is received or not (sometimes we don't know it before the deadline even if we sent it many days in advance).

Profile Line for Indicators

Subunit: Phil.-nat. Fakultät
Name of the instructor: Prof. Dr. Oscar Nierstrasz
Name of the course: Programmiersprachen (2720)
(Name of the survey)



Profile

Subunit: Phil.-nat. Fakultät
 Name of the instructor: Prof. Dr. Oscar Nierstrasz
 Name of the course: Programmiersprachen (2720)
 (Name of the survey)
 Comparative line: FS20 Phil.-nat. Fakultät (N=77)

Values used in the profile line: Mean

1. Lernfortschritt

Item	Scale	n	av.	md	dev.
1.1) ... im Umgang mit Faktenwissen.	1-6	20	5.70	6.00	0.57
1.2) ... im Verständnis von Zusammenhängen.	1-6	20	5.65	6.00	0.59
1.3) ... im kritischen Reflektieren von Fakten, Methoden und Theorien.	1-6	19	5.26	5.00	0.87

2. Allgemeine Beurteilung

Item	Scale	n	av.	md	dev.
2.1) ... der Lehrveranstaltung insgesamt	1-6	20	5.55	6.00	0.69
2.2) ... der inhaltlichen Strukturierung der Veranstaltung	1-6	20	5.65	6.00	0.59
2.3) ... den Hilfsmitteln zur Unterstützung des Lernens	1-6	20	5.50	6.00	1.00
2.4) ... der Art, wie der / die Dozierende die formulierten Lernergebnisse erklärt hat	1-6	20	5.55	6.00	0.60
2.5) ... der Art, wie der / die Dozierende die Lerninhalte vermittelt hat	1-6	19	5.58	6.00	0.69
2.6) ... den Anregungen des / der Dozierenden bezogen auf meinen Lernstand	1-6	16	5.56	6.00	0.63
2.7) ... der Art, wie sich der / die Dozierende den Studierenden gegenüber verhalten hat	1-6	19	5.89	6.00	0.32
2.8) ... meinem eigenen Beitrag während der Lehrveranstaltung	1-6	18	5.06	5.00	0.94
2.9) ... meiner kontinuierlichen Vorbereitung auf die Veranstaltungstermine	1-6	19	5.26	5.00	0.87
2.10) ... den Rahmenbedingungen der Lehrveranstaltung (Räumlichkeit, Informationen, Organisation etc.)	1-6	19	5.42	6.00	1.02

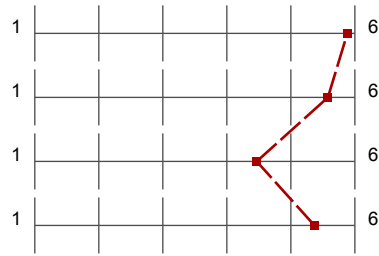
3. Anspruchsniveau

Item	Scale	n	av.	md	dev.
3.1) Das Anspruchsniveau der Lehrveranstaltung war insgesamt...	viel zu tief - viel zu hoch	20	3.10	3.00	0.45
3.2) Mein Zeitaufwand, um dieser Lehrveranstaltung zu folgen, war insgesamt...	viel zu tief - viel zu hoch	20	2.95	3.00	0.39

4. Fragen zu digitalen Lehrformen

Item	Scale	n	av.	md	dev.
4.2) Die eingesetzten digitalen Tools (z.B. Zoom, Teams, Livestream, Podcast) funktionierten technisch einwandfrei.	1-6	19	5.79	6.00	0.42

- 4.3) Mein Aufwand und der Nutzen der eingesetzten digitalen Tools (z.B. Zoom, Teams, Livestream, Podcast) standen für mich
- 4.4) Die Online-Aktivitäten waren mit eindeutigen Aufgaben und Zielen verbunden.
- 4.5) Im Rahmen der digitalen Lehrveranstaltung konnte ich mit den Mitstudierenden lernförderlich interagieren.
- 4.6) Insgesamt bin ich mit der digitalen Lernerfahrung sehr zufrieden.






n=17 n=1	av.=5.88	md=6.00	dev.=0.33
n=19 n=1	av.=5.58	md=6.00	dev.=0.69
n=15 n=1	av.=4.47	md=5.00	dev.=1.36
n=19 n=1	av.=5.37	md=6.00	dev.=1.26

Programmiersprachen (2720)

Responses = 20 questionnaires

Prof. Dr. Oscar Nierstrasz

	-						+	Ø	dev.
Gesamtergebnis (Maximalwert 6)	0%	20%	40%	60%	80%	100%		5.59	0.65
							Scale width: 6		
Lernfortschritt (Maximalwert 6)	0%	20%	40%	60%	80%	100%		5.54	0.68
							Scale width: 6		
Zufriedenheit (Maximalwert 6)	0%	20%	40%	60%	80%	100%		5.61	0.65
							Scale width: 6		

dev.=Std. Dev.