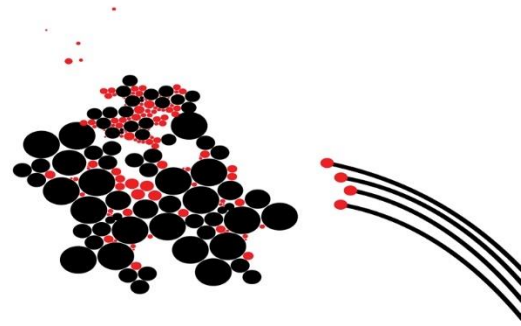
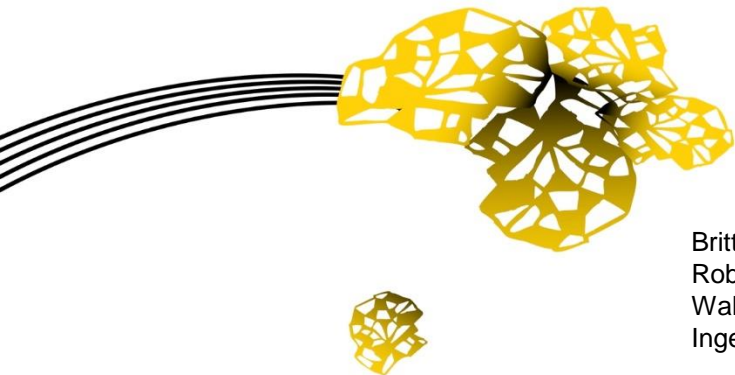


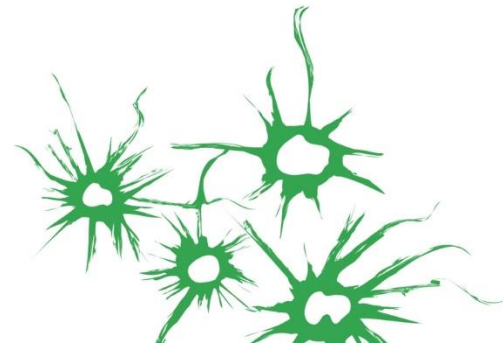
UNIVERSITY OF TWENTE.



NATIONAL STUDENT ENQUIRY (NSE) 2023



Britt Hippert (M&C)
Rob Schepers (S&P/BI Studio)
Walter Nijhuis (S&P/BI Studio)
Inge Broekman (S&P/PAM)



NSE 2023, GENERAL

- What Annual national survey among students in higher education.
- Goal Information for prospective students, internal quality assurance, national benchmark.
- Fieldwork 16 January – 12 March 2023.
- National #'s 107,791 (wo) students gave their opinion; gross response of 30%.
- UT 12,014 invited, 4,058 respondents:
 - Total 2023: 34% 2022: 36% -2 pp
 - Bachelor 2023: 35% 2022: 37% -2 pp
 - Master 2023: 32% 2022: 34% -2 pp

NSE 2023, SETUP

- 'Core questions': used by all institutions, based on general themes
- 'Flexible questions': UT's own selection of questions, themes
 - Algemene vaardigheden Skills/General
 - Wetenschappelijke vaardigheden Skills/Scientific
 - Studielast Study load
 - Internationale aspecten International aspects
 - Gelijke behandeling Equal treatment
- 'UT questions':
 - UT plans to start using your learning data to increase your chances of study success, would you agree to this?
 - What tips do you have to increase the response rate on surveys among UT students?
 - How likely is it that you would recommend the UT to a friend or relative?
- Response:
 - Scores for most questions are given from 1 (very unsatisfied) to 5 (very satisfied).
 - Each theme (core and flexible) had one open question, one of the UT questions also 'open'.

MANAGEMENT SUMMARY

- UT scores 2nd place in 'Your course programme in general' in the benchmark of Dutch universities.
- The high response rate (34%) indicates the engagement of our students. Although lower than last year, UT still scores 3rd place in overall response rate.
- Score for 'General atmosphere of your course programme' increased for all Dutch universities.
- UT scores better than national average for all 5 core themes.
- Master scores better than Bachelor on 3 core variables.
- Compared to other universities, UT performs very well on the theme of Guidance and counselling.
- NSE provides important input for the Keuzegids and Elsevier Beste Studies, among others.

COMPARISON DUTCH UNIVERSITIES

- UT moves from 3rd to 2nd place in 'Your course programme in general'.
- UT stays 2nd in 'The general atmosphere in your course programme'.
 - This is an important criterium for prospective students.
- UT moves from 5th to 4th in 'Based on my experiences so far, I would choose this course programme again'.

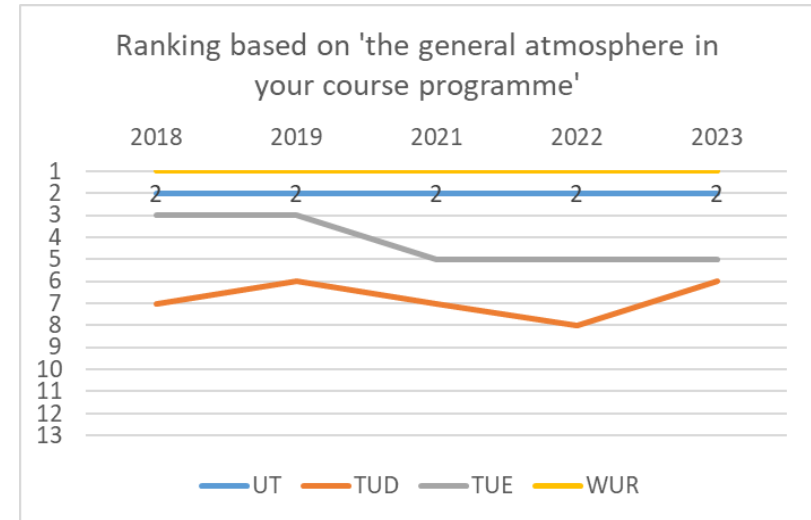
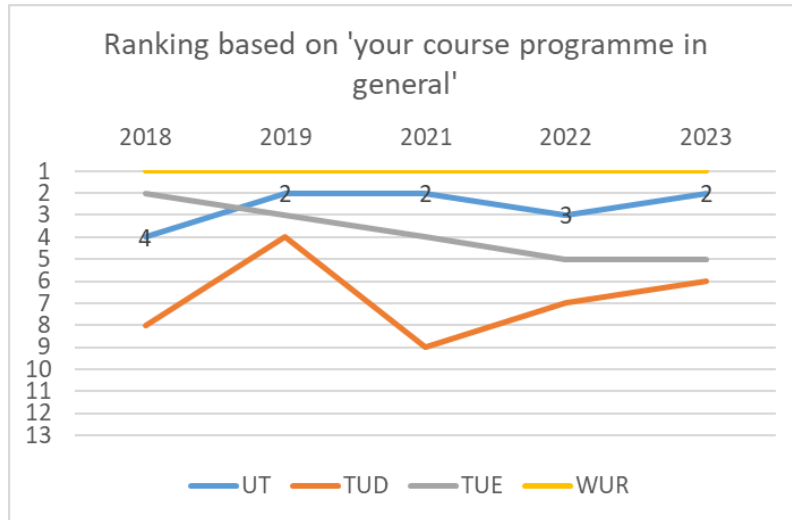
Your course programme in general				
		2022	2023	Difference
1	WUR	4.11	4.16	0.05
2	UT	3.95	3.97	0.02
3	RU	3.95	3.95	0.01
4	UU	3.96	3.95	-0.02
5	TUE	3.93	3.93	0.00
6	TUD	3.86	3.91	0.05
7	UM	3.89	3.90	0.01
8	RUG	3.82	3.89	0.08
9	VU	3.86	3.89	0.03
10	UL	3.85	3.88	0.03
11	TiU	3.86	3.87	0.01
12	UvA	3.81	3.85	0.04
13	EUR	3.78	3.81	0.03

The atmosphere in your course programme				
		2022	2023	Difference
1	WUR	4.32	4.38	0.06
2	UT	4.16	4.21	0.05
3	RU	4.13	4.18	0.05
4	UU	4.14	4.16	0.03
5	TUE	4.05	4.10	0.04
6	TUD	4.00	4.06	0.07
7	RUG	3.96	4.04	0.08
8	UL	4.01	4.03	0.02
9	UM	4.02	4.03	0.00
10	UvA	3.96	4.00	0.04
11	VU	3.93	3.99	0.06
12	TiU	3.87	3.94	0.08
13	EUR	3.90	3.94	0.04

Based on my experiences so far, I would choose this course programme again				
		2022	2023	Difference
1	WUR	4.18	4.13	-0.05
2	UU	4.11	4.04	-0.07
3	TUE	4.06	4.04	-0.02
4	UT	4.06	4.03	-0.02
5	RU	4.08	4.03	-0.05
6	TUD	4.02	4.01	-0.01
7	RUG	3.95	3.96	0.00
8	UL	3.99	3.94	-0.05
9	VU	3.96	3.92	-0.04
10	TiU	3.98	3.92	-0.06
11	UM	3.97	3.88	-0.09
12	UvA	3.92	3.87	-0.05
13	EUR	3.87	3.82	-0.05

COMPARISON WITH 4TU: UT MAINTAINS 2ND PLACE

Average of technical universities higher than national average for both questions.



The number indicates the position of UT compared to all Dutch universities.

UT VS NATIONAL – CORE QUESTIONS

UT scores above the national average on all themes.

Score difference - UT vs National							
	Score UT		Difference UT	score NL		Difference NL	Difference UT vs NL
	2022	2023		2022	2023		2023
Content and organisation of teaching	3.90	3.88	-0.01	3.84	3.82	-0.02	0.06
Preparation professional career	3.51	3.51	0.01	3.31	3.32	0.00	0.20
Teachers in your course programme	3.87	3.85	-0.01	3.87	3.83	-0.04	0.02
Guidance / counselling	4.06	4.03	-0.02	3.85	3.75	-0.09	0.28
Examination and assessment	3.79	3.78	-0.01	3.68	3.67	-0.01	0.11
Engagement and contact	3.98	3.99	0.02	3.89	3.88	-0.01	0.11

≥ 0.05

> 0

> -0.05

≤ -0.05

Differences do not add up visually due to rounding off score-figures.

SPECIFIC THEMES – FLEXIBLE QUESTIONS

For these flexible (UT chose these) themes a benchmark is not available.

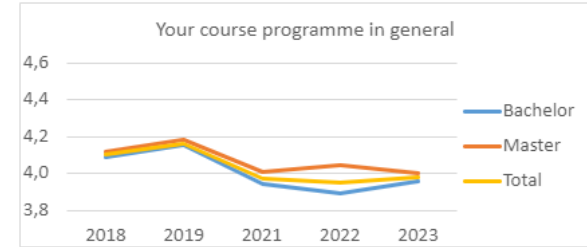
Score difference - UT			
	Score UT		Difference UT
	2022	2023	
General skills	4.05	4.05	0.00
Scientific skills	3.85	3.87	0.02
Study load	3.50	3.45	-0.05
International aspects	3.54	3.54	0.00
Participation	3.45		
Equal treatment		4.07	new

Participation was not included in 2023 survey; equal treatment not in 2022 survey.

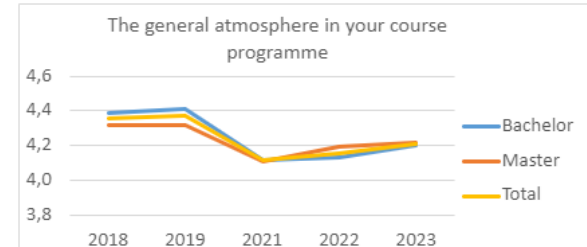
BACHELOR & MASTER

- Bachelor increases for all 3 variables
- Master decreases for 2 out of 3 variables

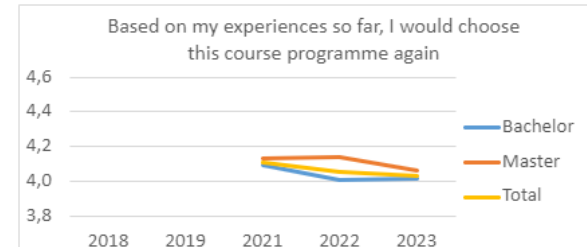
Your course programme in general					
	2018	2019	2021	2022	2023
Bachelor	4,09	4,15	3,95	3,89	3,96
Master	4,12	4,18	4,01	4,04	3,99
Total	4,10	4,16	3,97	3,95	3,97



The general atmosphere in your course programme					
	2018	2019	2021	2022	2023
Bachelor	4,39	4,41	4,12	4,14	4,20
Master	4,32	4,32	4,11	4,19	4,21
Total	4,36	4,37	4,12	4,16	4,21

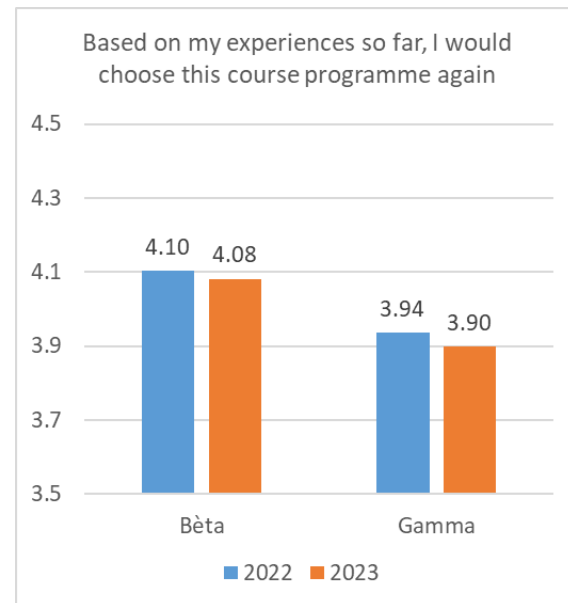
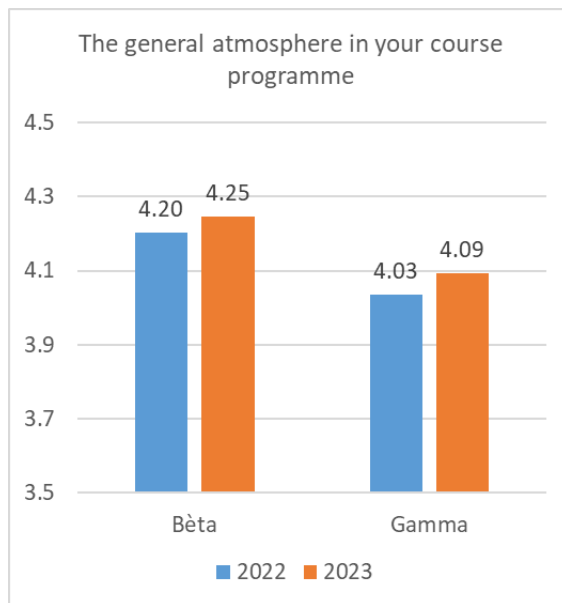
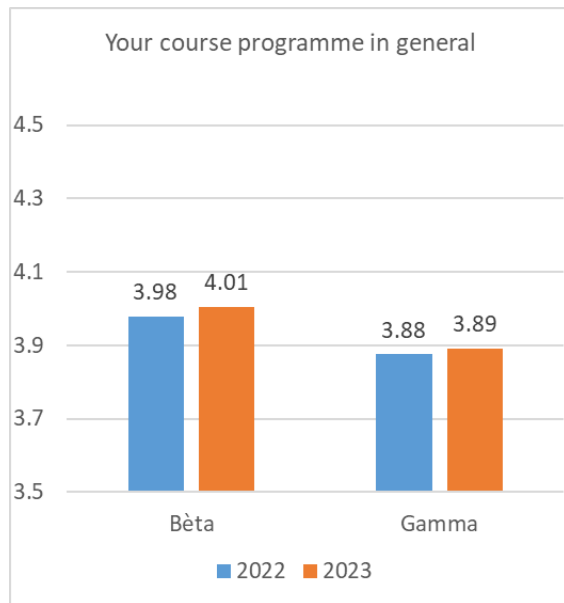


Based on my experiences so far, I would choose this course programme again					
	2018	2019	2021	2022	2023
Bachelor			4,09	4,01	4,02
Master			4,13	4,14	4,06
Total			4,11	4,06	4,03



BÈTA & GAMMA

Bèta scores higher than Gamma on all these variables.



FACULTIES – SCORES

Difference per faculty vs last year for 'Your course programme in general'

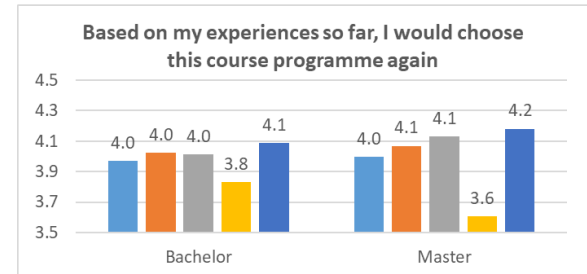
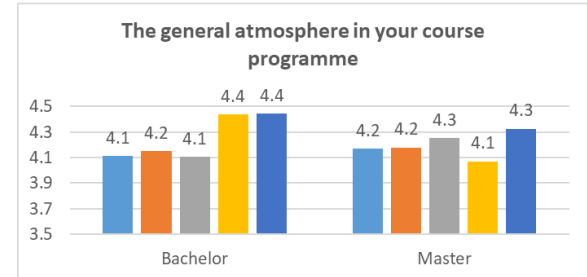
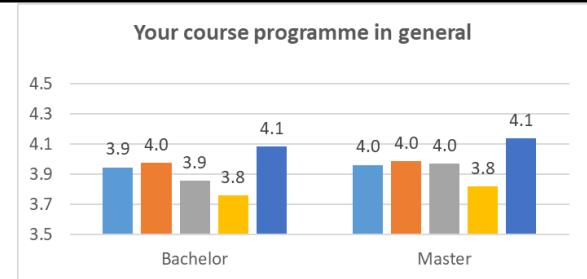
- BMS + 0.04
- EEMCS + 0.08
- ET - 0.03
- ITC - 0.16
- TNW + 0.04

Response distribution for 'Your course programme in general'

- BMS n = 1211 = 30% → most influence on UT Total
- EEMCS n = 1017 = 25%
- ET n = 858 = 21%
- ITC n = 118 = 3%
- TNW n = 900 = 22%
- n = 4105* = 100%

*N different than unique amount of students that responded.
NSE makes a new calculation for net amount of respondents.

■ BMS ■ EEMCS ■ ET ■ ITC ■ ST



SCORES INDIVIDUAL PROGRAMMES

MOST PROGRAMMES INCREASE IN BACHELOR

	Bachelor - 'Your course programme in general'	N	Score	Difference
* ST	Technische Natuurkunde	70	4,29	-0,12
ST	Chemical Science & Engineering	57	4,27	0,22
ST	Advanced Technology	88	4,18	0,32
EEMCS	Electrical Engineering	88	4,14	0,06
* BMS	Industrial Eng. and Management	126	4,14	0,11
* EEMCS	Applied Mathematics	40	4,13	-0,05
* BMS	Communication Science	59	4,10	0,01
EEMCS	Creative Technology	148	4,07	0,14
ST	Biomedische Technologie	118	4,03	0,02
EEMCS	Business & IT	93	3,99	0,12
ST	Technische Geneeskunde	156	3,98	-0,07
BMS	Psychology	276	3,96	0,13
ET	Civil Engineering	83	3,95	-0,09
ET	Mechanical Engineering - VU	56	3,94	0,22
BMS	International Business Administration	191	3,86	0,01
ET	Mechanical Engineering - UT	243	3,86	0,02
ST	Gezondheidswetenschappen	52	3,85	0,02
EEMCS	Technical Computer Science	269	3,84	0,22
ET	Industrial Design Engineering	141	3,76	-0,12
* ITC	UCT ATLAS	42	3,76	-0,14
BMS	Management, Society and Technology	66	3,63	0,15

* = Top rated Programme (score \geq 75) in Keuzegids last year.

Scores with a difference of more than 0.2 compared to 2022 are highlighted.

If programme is not in list, there were too few respondents.

SCORES INDIVIDUAL PROGRAMMES

HALF OF PROGRAMMES INCREASE IN MASTER; HALF OF PROGRAMMES DECREASE

Master - 'Your course programme in general'		N	Score	Difference
ST	Water Technology	9	4,50	0,90
BMS	Educatie en Com. in de Bètawetensch.	15	4,35	0,23
BMS	Industrial Engineering and Mngmnt	86	4,34	0,01
BMS	Public Administration	17	4,24	0,05
ST	Technical Medicine	112	4,21	0,03
ST	Chemical Science & Engineering	42	4,20	0,08
EEMCS	Applied Mathematics	30	4,17	-0,21
BMS	Communication Studies	36	4,14	0,14
BMS	Philosophy of Science, Tech. and Soc.	22	4,14	-0,21
ST	Biomedical Engineering	102	4,13	0,04
ST	Applied Physics	48	4,13	-0,05
EEMCS	Business Information Technology	48	4,10	0,06
ET	Industrial Design Engineering	79	4,09	0,09
ET	Civil Engineering and Management	60	4,07	0,04
EEMCS	Computer Science	108	4,05	0,04
ET	Construction Management and Eng.	13	4,00	-0,07
EEMCS	Robotics	11	3,88	-
EEMCS	Systems and Control	17	4,00	0,06
BMS	Psychology	94	4,00	-0,11
ET	Mechanical Engineering	151	3,96	-0,12
EEMCS	Electrical Engineering	65	3,93	-0,12
ST	Health Sciences	34	3,93	-0,18
EEMCS	Interaction Technology	69	3,89	-0,15
BMS	European Studies	20	3,83	0,07
ITC	Geoinf. Science and Earth Obs.	65	3,82	-0,18

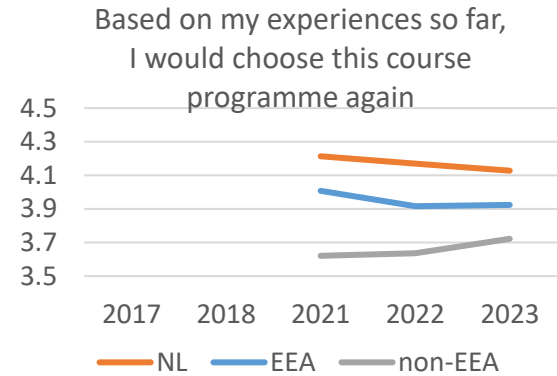
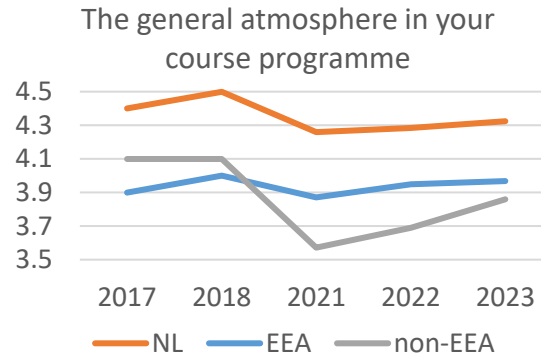
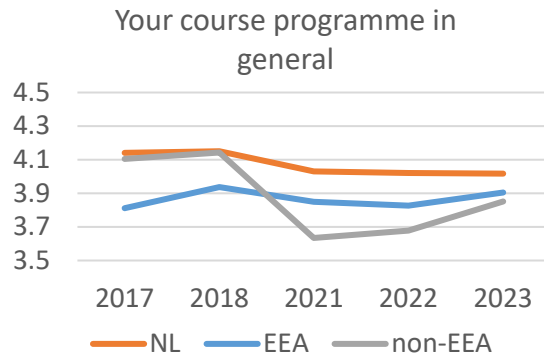
ITC	Spatial Engineering	11	3,79	-0,21
ST	Nanotechnology	12	3,78	0,03
EEMCS	Embedded Systems	31	3,76	0,08
BMS	Business Administration	132	3,75	-0,04
BMS	Educational Science and Techn.	31	3,71	-0,15
ET	Sustainable Energy Technology	32	3,54	-0,18
BMS	Risicomanagement	24	3,50	-0,50
BMS	Environm. and Energy Mngmnt	16	3,46	-0,31

Scores with a difference of more than 0.2 compared to 2022 are highlighted.

If programme is not in list, there were too few respondents.

DUTCH AND INTERNATIONAL STUDENTS

- Dutch students are more satisfied in these three topics than international students.
- Non-EEA less satisfied than EEA (for 2021-2023). However, difference becomes smaller.



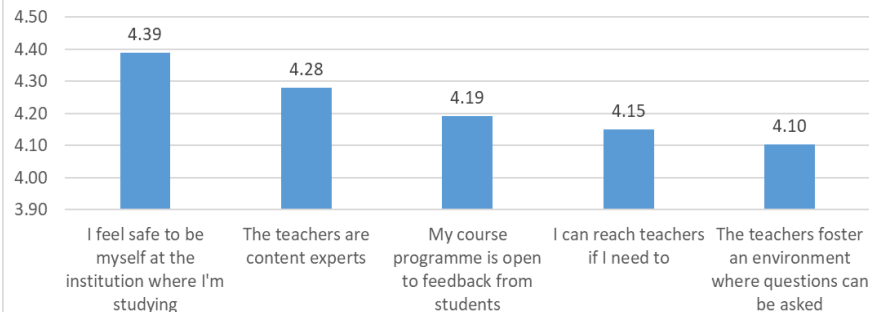
N in 2023	
NL	2391
EEA	880
non-EEA	390
Unknown (source < n5)	435

- International data not available for 2019 and 2020.
- If the source (combination of origin and programme) has a n lower than 5, it is unknown what their origin is and the whole programme becomes 'Unknown'. Eg: 2 non-EEA for a Programme → NL and EEA become 'Unknown' as well.

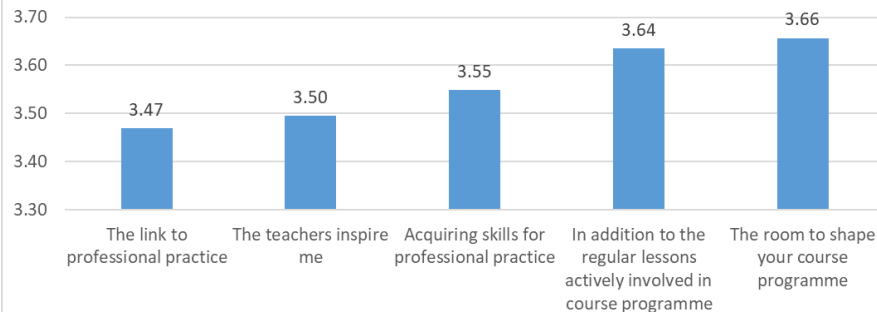
STRENGTHS AND CHALLENGES FOR UT

QUESTIONS THAT STAND OUT, POSITIVE AND NEGATIVE

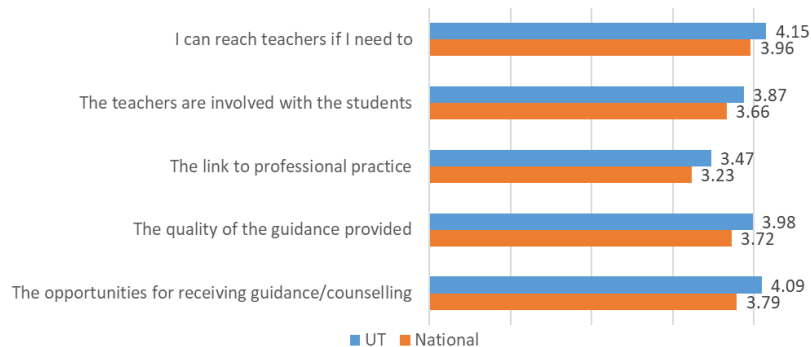
Top 5 best scoring questions



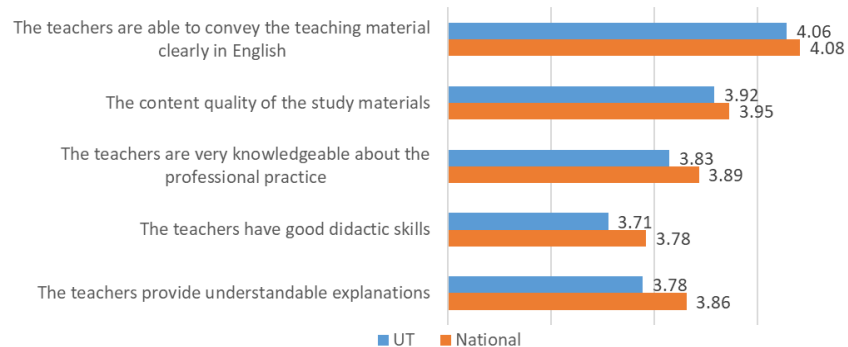
Top 5 least scoring questions



5 questions with largest positive difference between National and UT



5 questions with largest negative difference between National and UT



FOLLOW-UP

- 31 May:
 - NSE will publish national results
 - UT will distribute results in relevant external communication
 - Final version of factsheets per programme will be distributed
 - Answers to 'open questions' will be available for further analysis
- October/November (2023): Keuzegids Bachelor (incl. 'Topopleidingen')
- February/March (2024): Keuzegids Master