



UMEÅ UNIVERSITET

Final report: 5KE165VT22 Foundations of Chemistry

Unit code: 5KE165

Name of course: Kemins Grunder/Foundations of Chemistry

Credits: 15 hp

Pace: 100%

Semester: Fall 21 (1/22 -- 3/22)

Unit coordinator: Naser Tavajohi

Delivery (campus/online-remote): Online due to COVID

Indicate if the unit is part of a program:

Part of BS in Life Sciences (Fall)/ BS Biotechnology (Spring). Elective in the Teacher and Bio/Geo programmes.

Number of registered students	72 students registered. 66 present for intro (2 LISC, 2 ERASMUS, 1 LYAGY, 40 TYCBT, 14 NGBIG, 7 other/none)*				
Number of responses on unit evaluation	58 responses (36 TYCBT, 10 NGBIG, 1 LYAGY, 3 LISC, 8 other/none (includes ERASMUS))				
	New students	Re-registered	Dropped		
Registered	64	8	9		
	Labs	Exam	Both		
Completes	64	68	53		
	G	VG	3	4	5
Grades (Completes)	13	3	24	8	5
TYCBT Biotechnology NGBIG Bio. and Earth Science LYAGY Teacher/Secondary LISC Life Science			Collected from LADOK 24/10/2022.		

Course evaluation

<<See appendix>>

Comment by unit coordinator:

Comments and ratings are overall positive, although somewhat less positive than normal, presumably owing to the course being given online.

Ratings of individual sections/lecturers have been removed from the appendix. Those responses are summarized here: all sections received average ratings above 3 (out of 5). The ratings for each



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lecturer are consistent, suggesting that the section ratings depend largely on the lecturer rather than on the section content.

There was a fairly even split between those who preferred Zoom lectures vs Flipped teaching. There was overall better attendance during zoom lectures than during flipped workshops.

Due to COVID only one lab was given on campus, rather than the usual four.

Full text responses have been removed from the appendix. Those responses are summarized below under 'summary of comments by the students'.

Summary of comments by the students:

Q: 'What aspects of the course are you MOST satisfied with?'

Common responses:
Specific lecturers, organisation, overall content, revision lectures

Q: 'What aspects of the course are you LEAST satisfied with?'

Labs, labs in a block at the end of the course, online teaching, the organisation, flipped lectures, zoom lectures, communication surrounding labs, different teaching methods used by different lecturers

Q: 'Anything else you'd like to add?'

Very good course, good teachers, please divide exam into parts

Summary of changes introduced after the last time the course was delivered

Online, most labs virtual rather than on campus

Summary of suggested changes prior to the next time the course is delivered

None, other than to go back to campus

Final report created 24/10/2022, by Andy Ohlin



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Appendix.
Course evaluation 5KE165VT22

Comments by students have been removed. Data that identifies individual teachers has been removed.

Course evaluation 5KE165 VT22

Course evaluations are critical in helping us develop our courses. They are also important for career development.

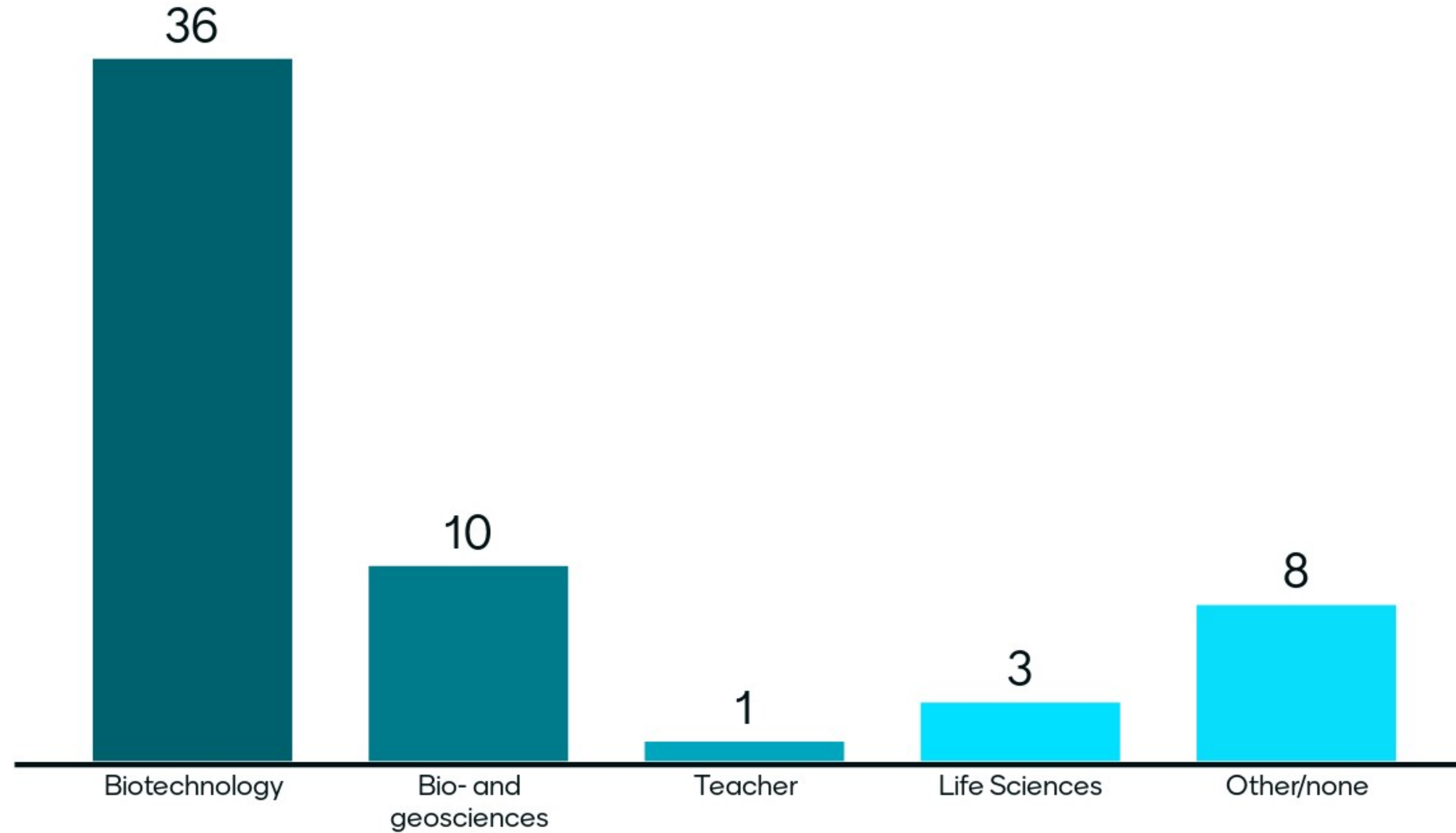
Please make sure to fill out this evaluation, even if you don't have any strong or particular opinions. It is possible to skip questions which you do not/cannot answer.

There are 14 pages, including this one. Most questions use a slider or are multiple choice. The last three slides have opportunities for you to enter text.

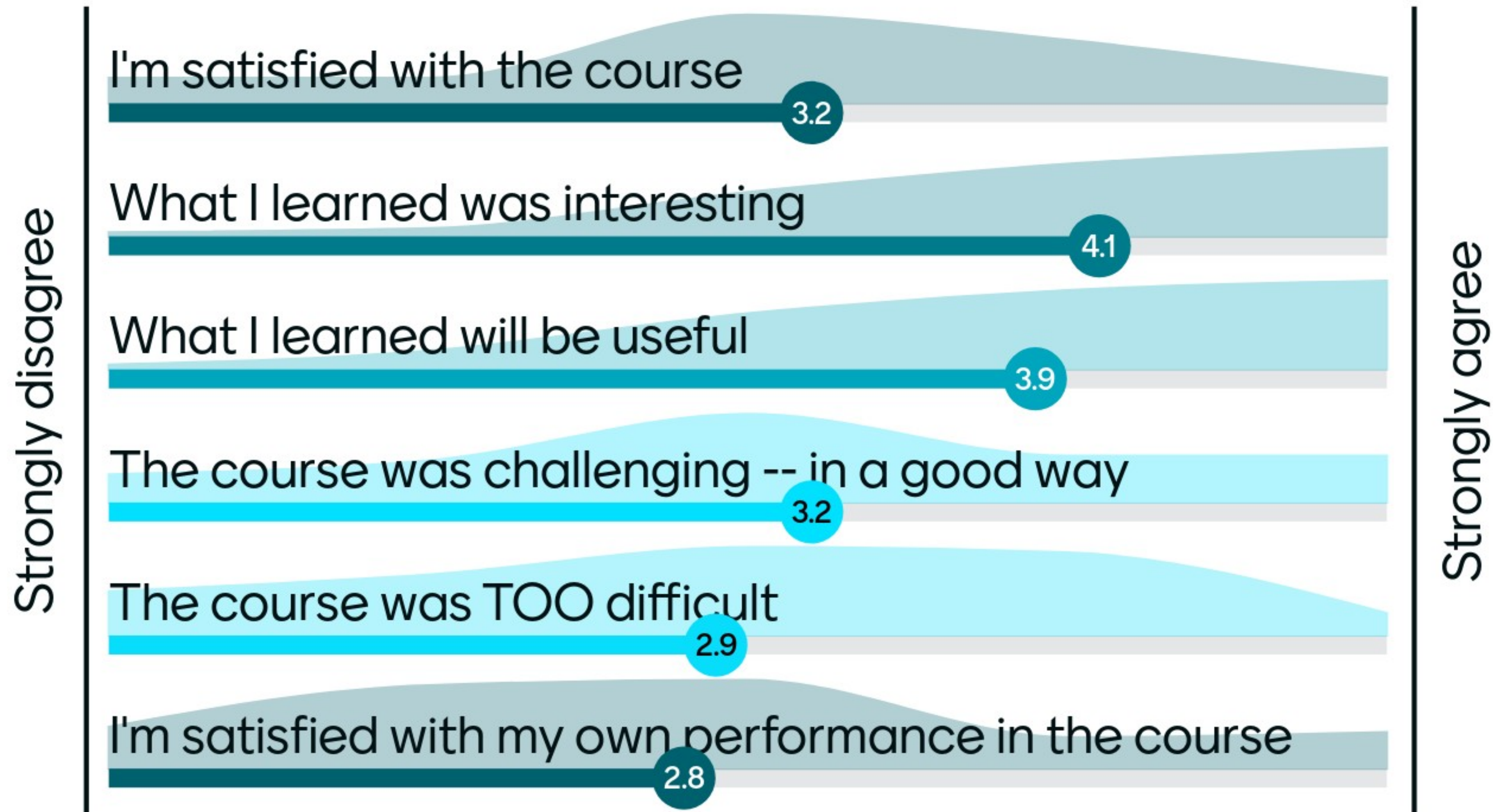
Thank you!
Naser



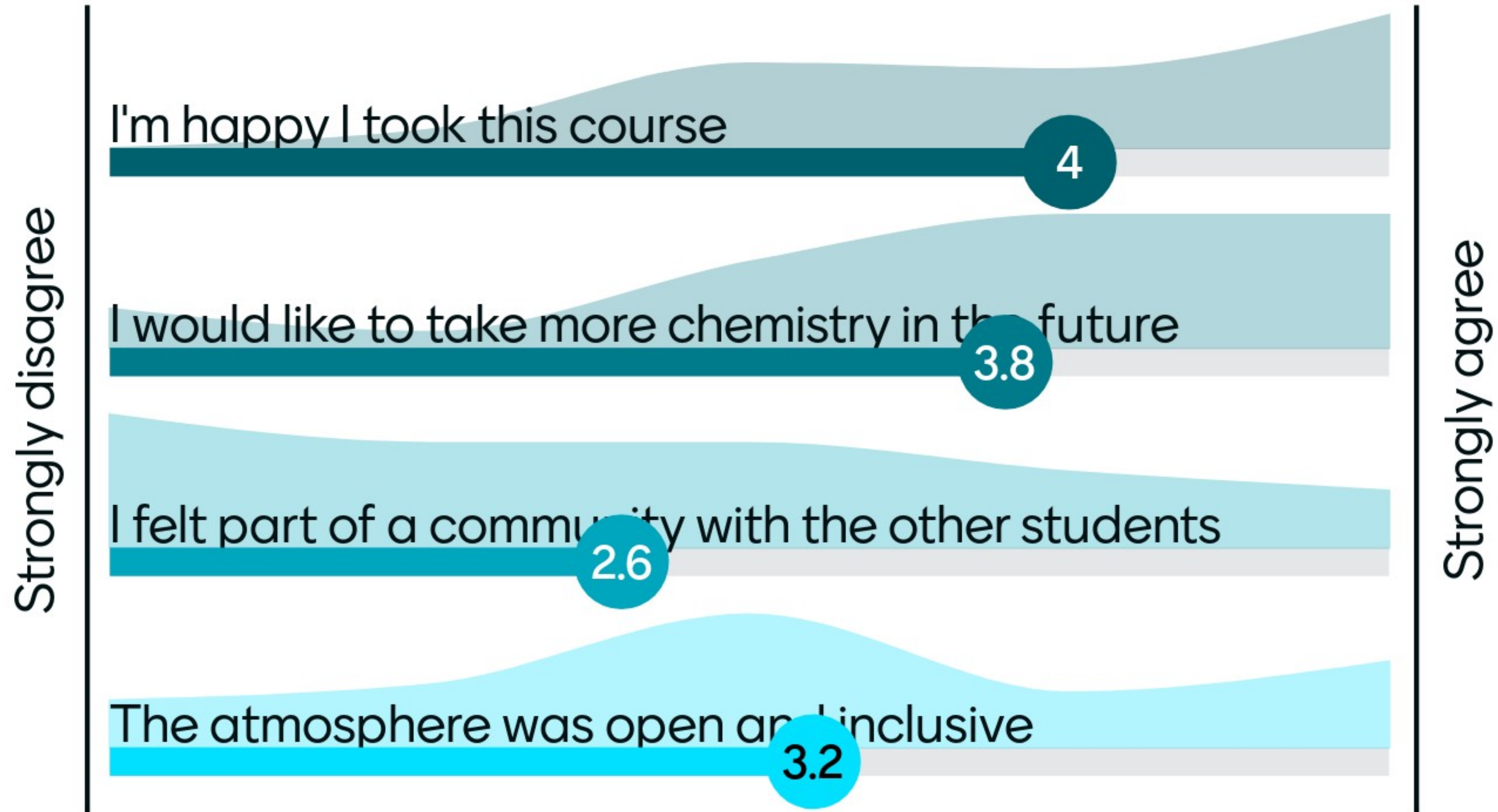
Which program are you in?



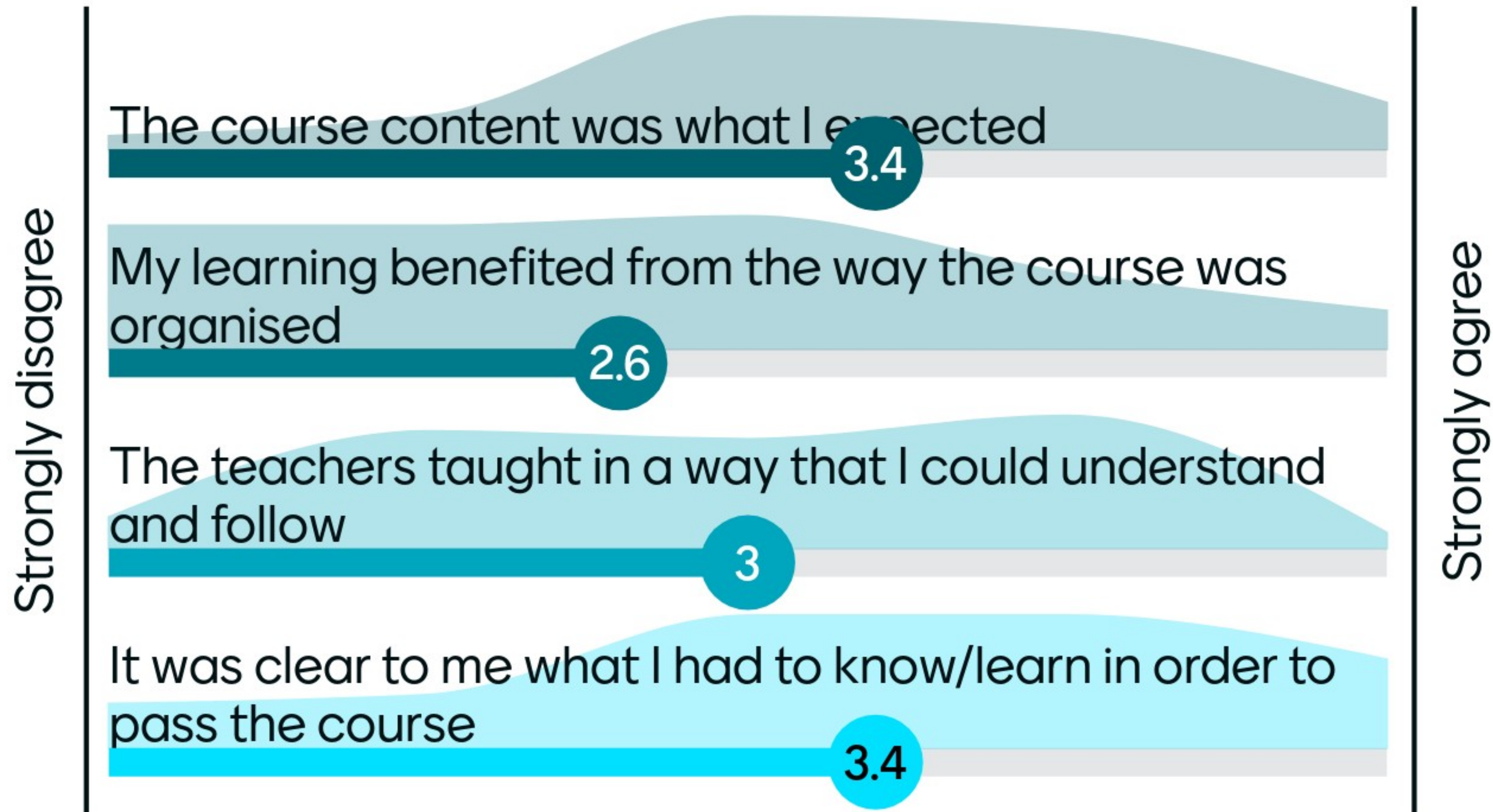
Course-specific questions



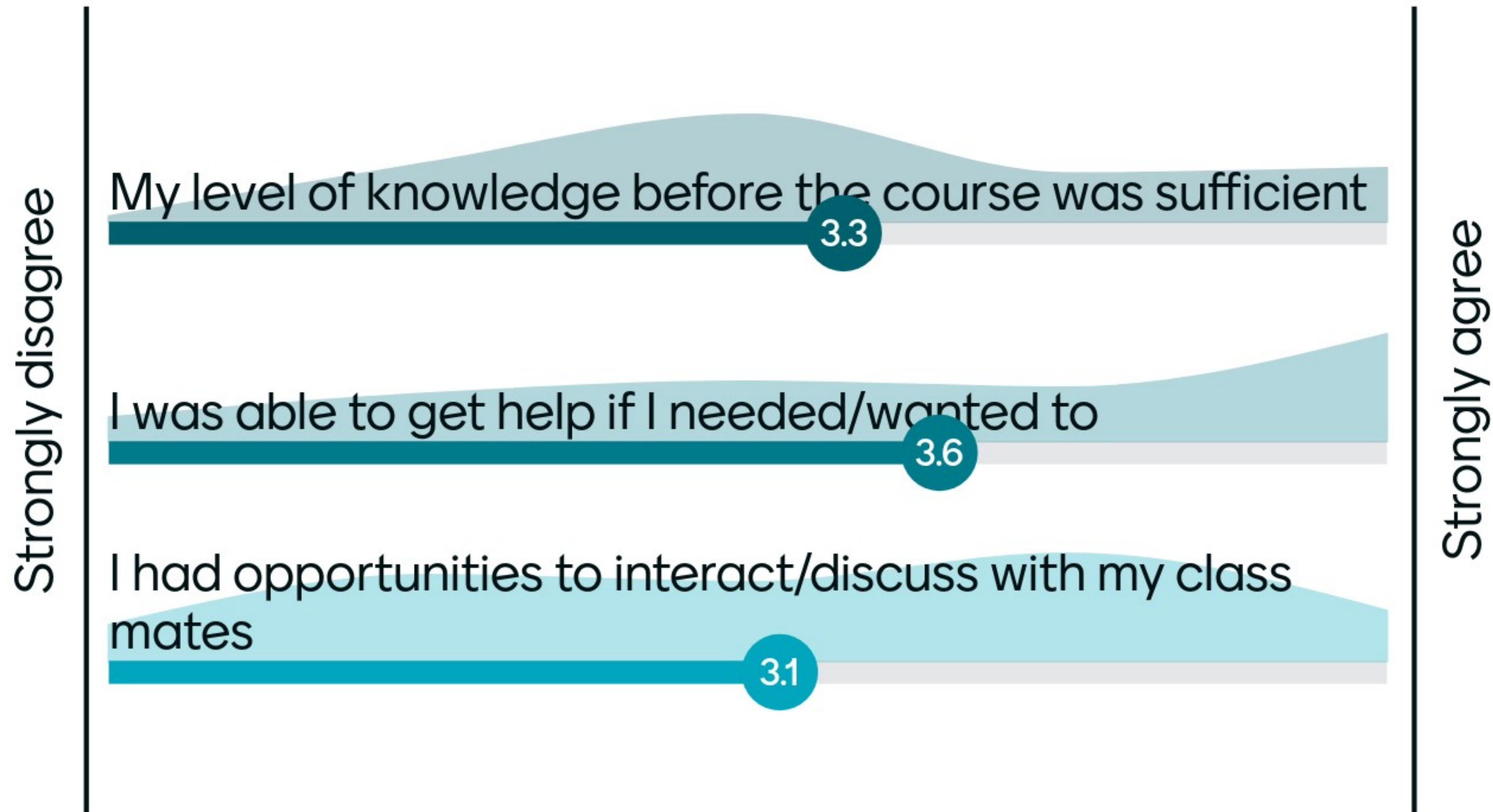
Course-specific questions



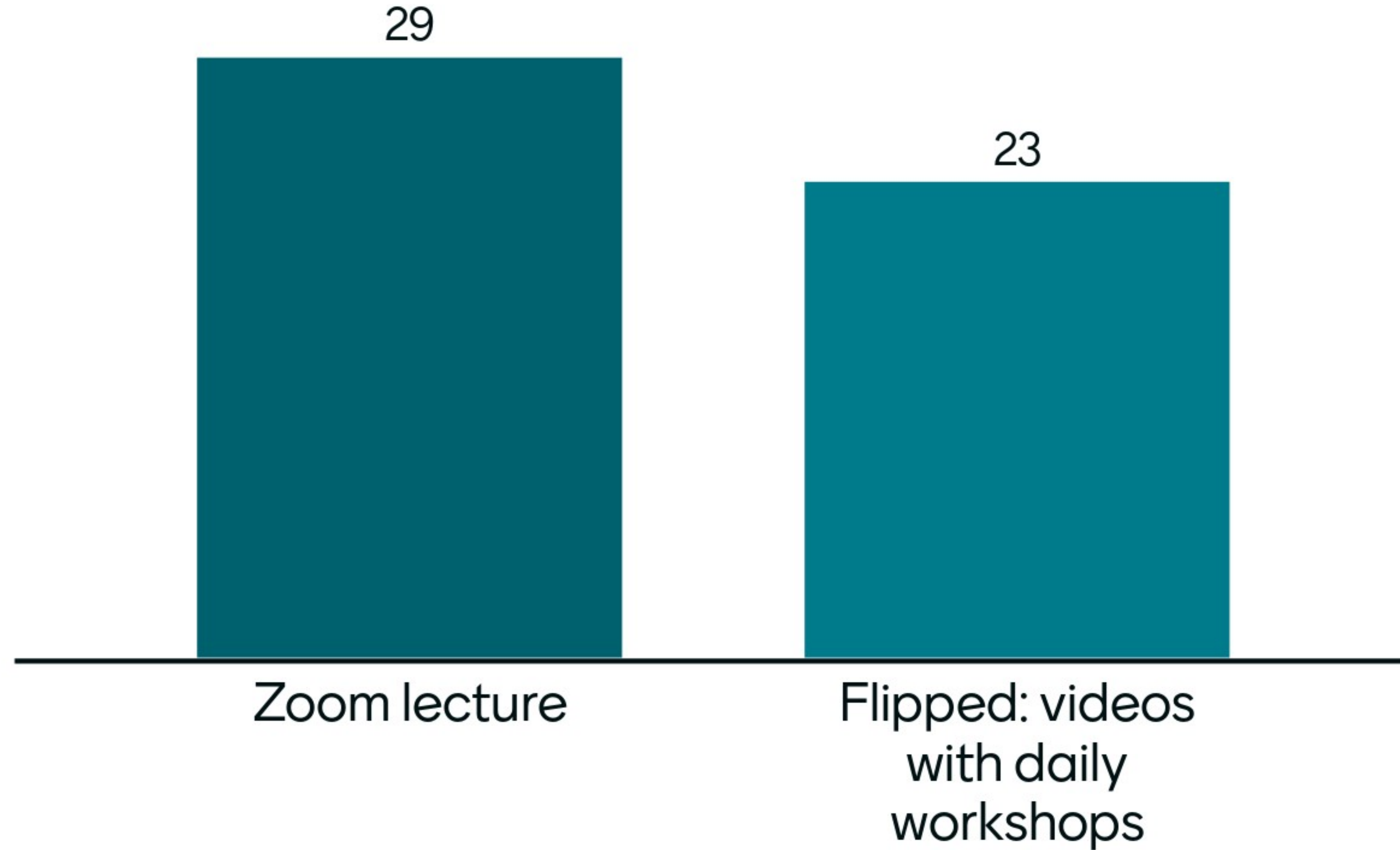
Course-goals and understanding



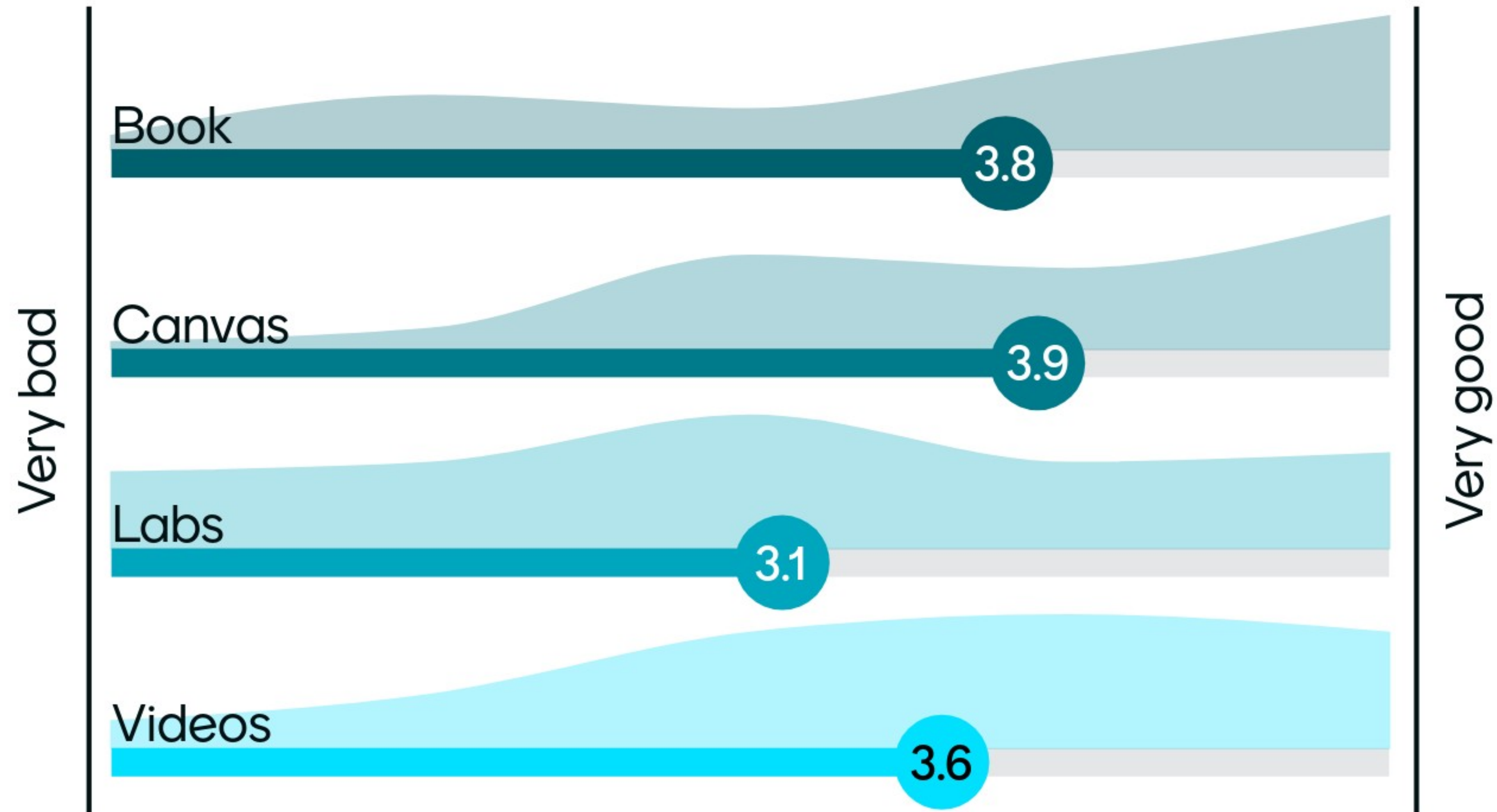
Time, Pre-requisites, Situation



Which type of online teaching do you prefer?



Rating of resources



The Final

