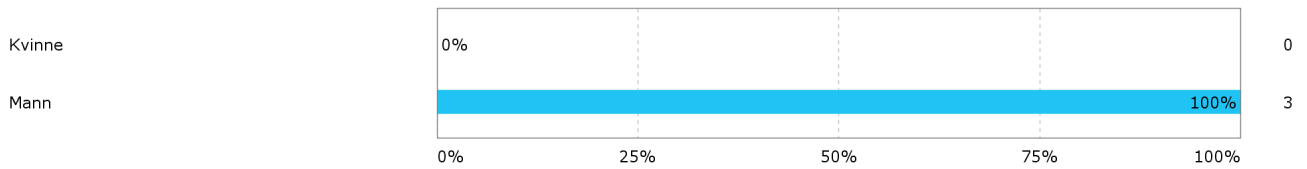


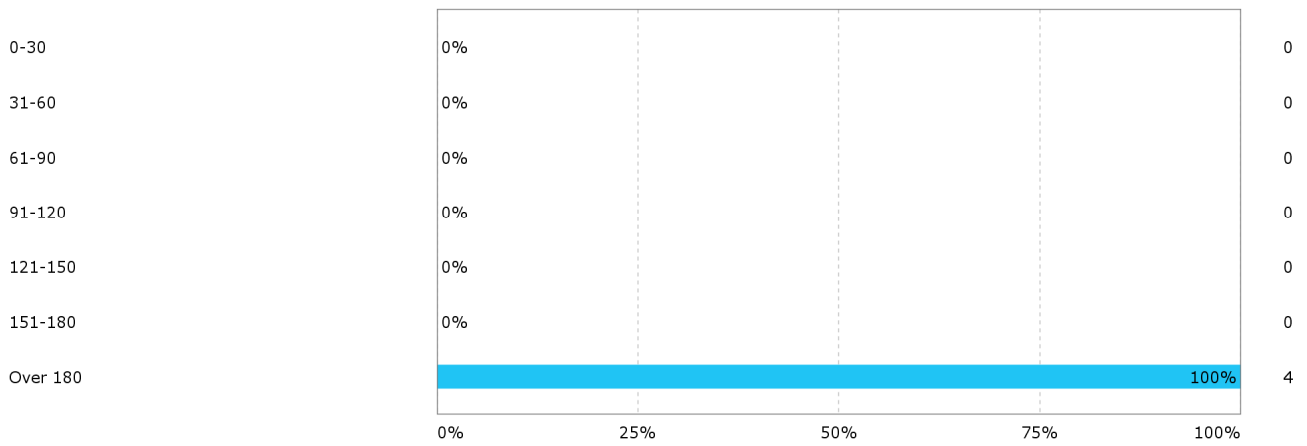
## MAT235 studentevaluering høst 2016

Evalueringen ble sendt til 7 studenter + en purring til de som ikke svarte på en uke  
Fikk totalt 4 svar

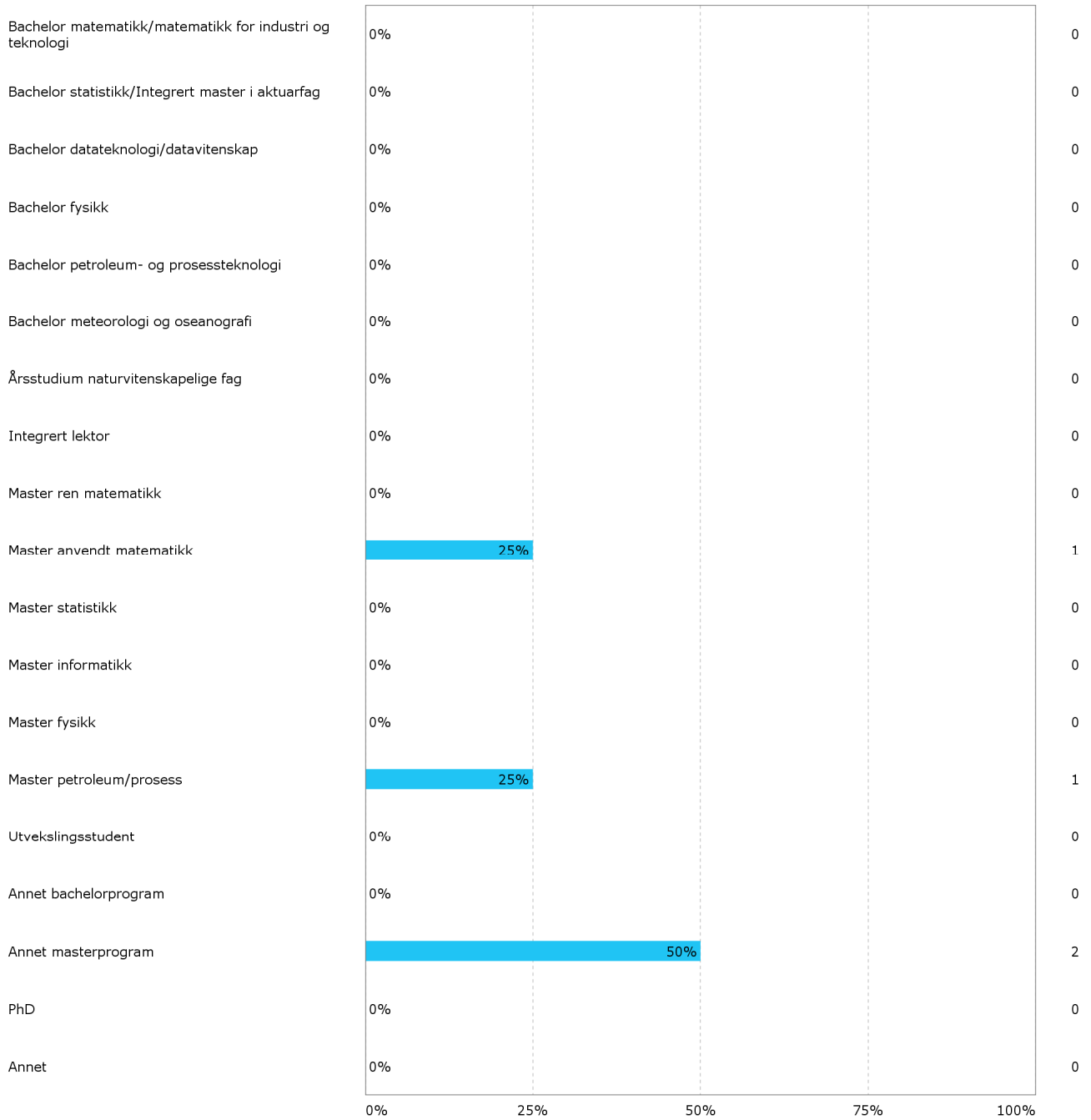
### Kjønn?



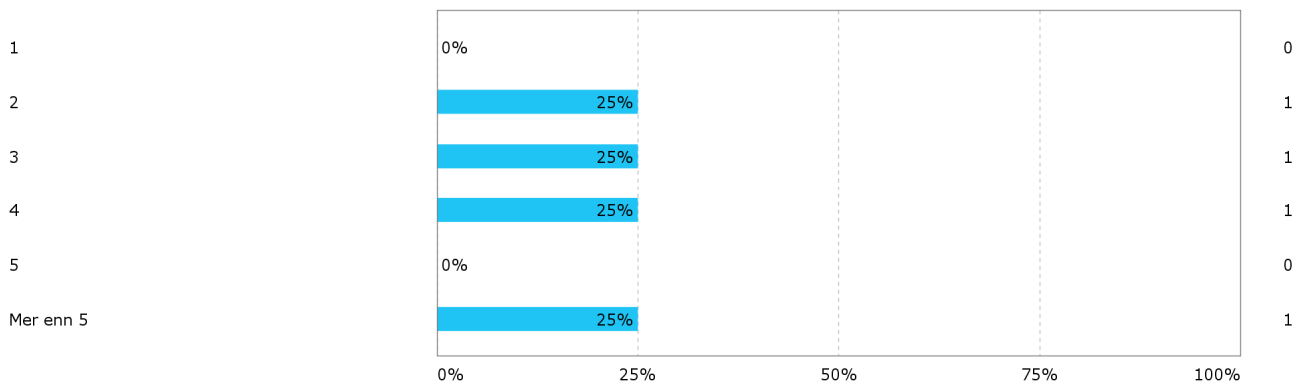
### Hvor mange studiepoeng har du tatt (før dette semesteret)?



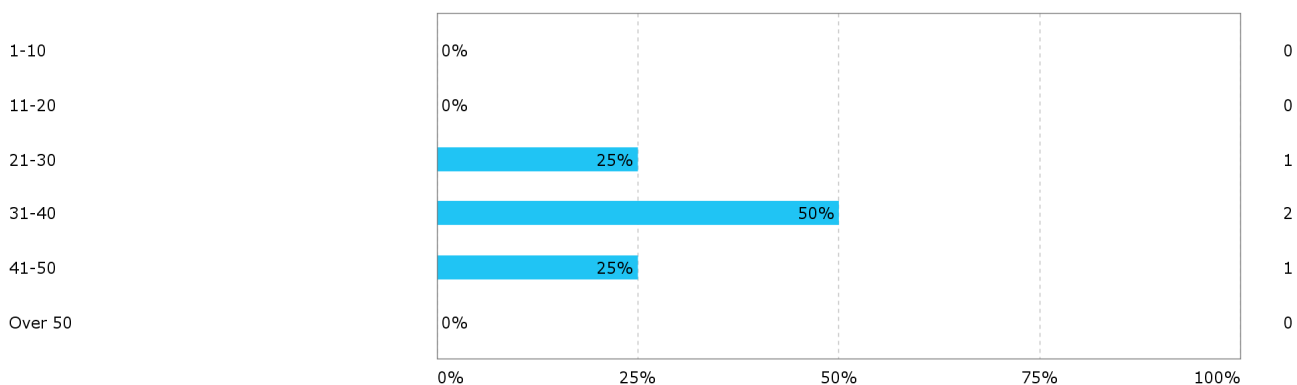
## Hvilket studieprogram går du på?



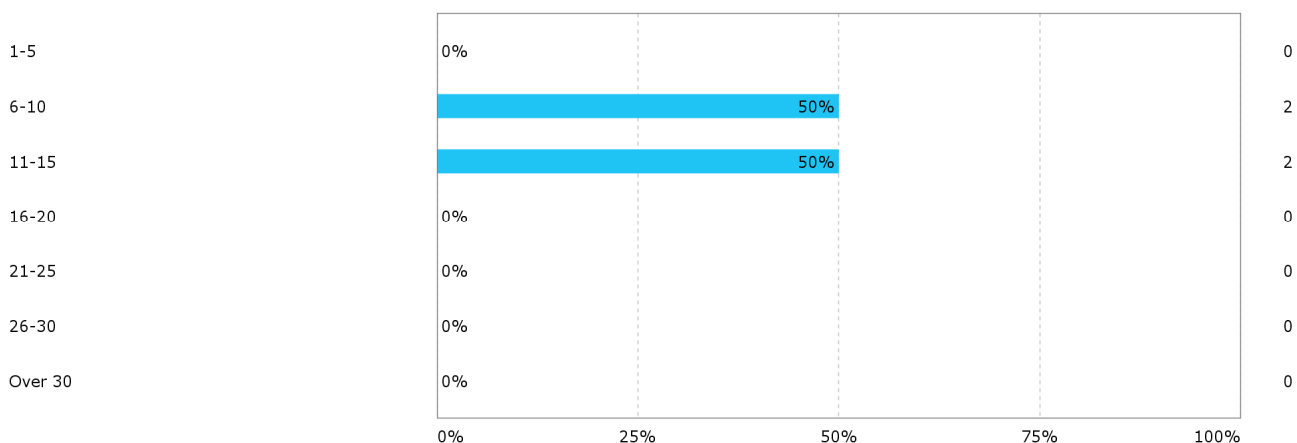
Hvor mange fag tar du dette semesteret (inkludert MAT235)?



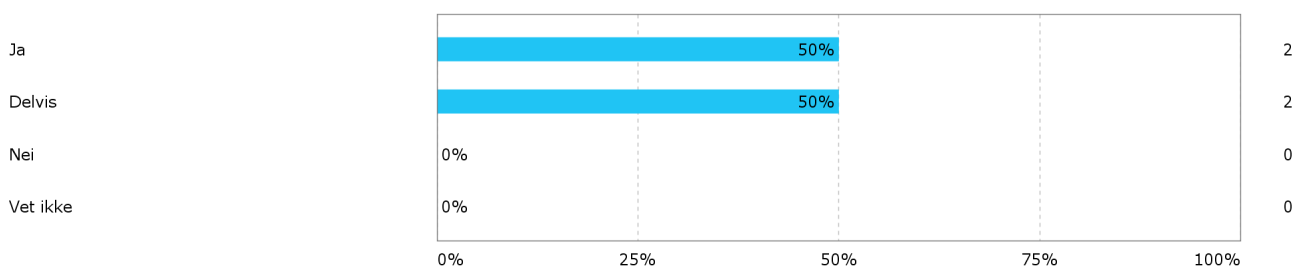
Hvor mange timer bruker du gjennomsnittlig på studier hver uke (inkludert forelesninger, grupper, egenstudium osv)?

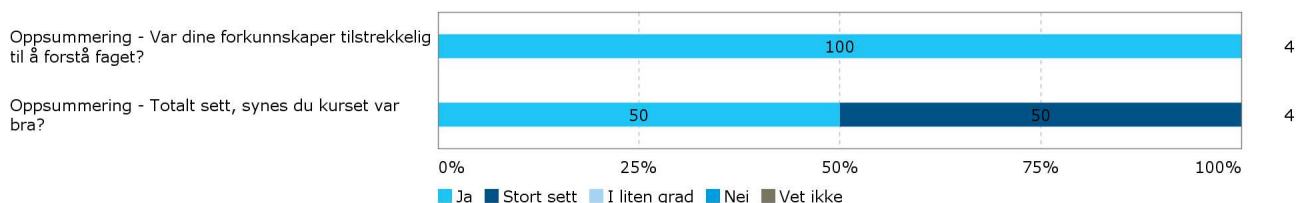
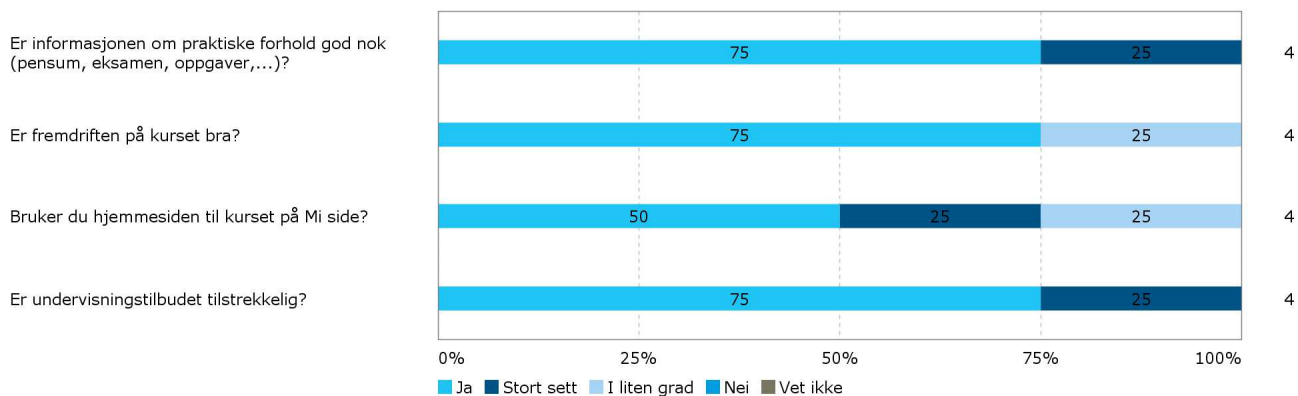
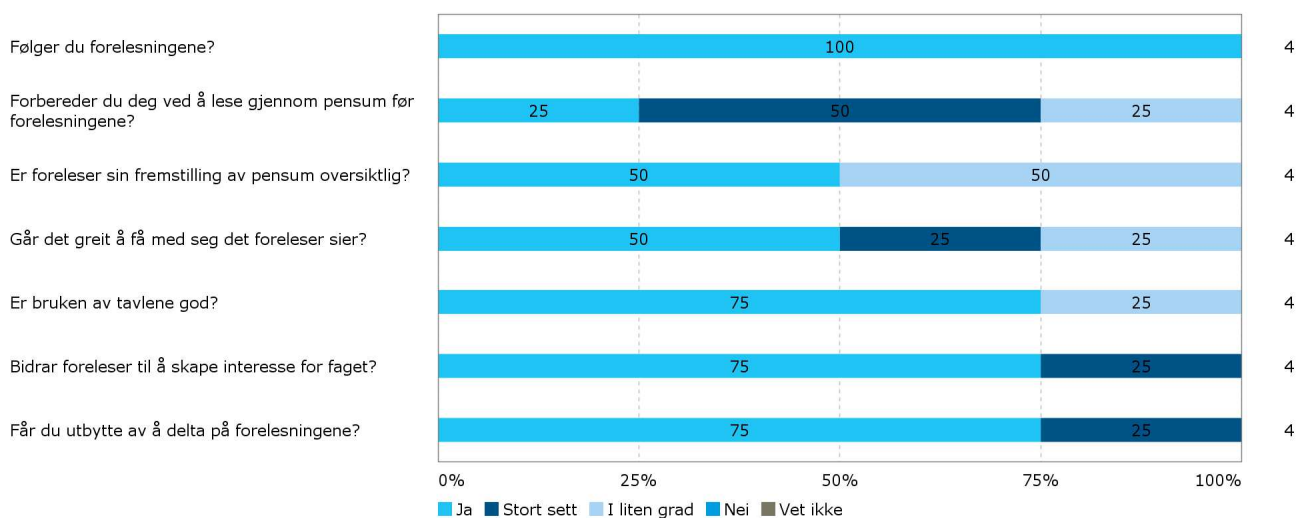
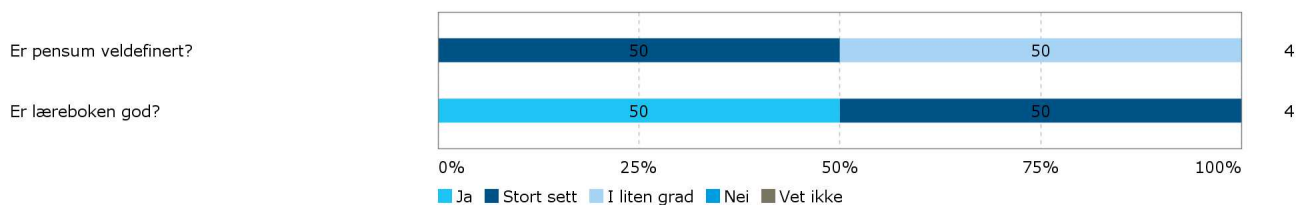


Hvor mange timer bruker du på dette kurset hver uke?



Har du de anbefalte forkunnskapene til kurset?





## Foreleserrapport:

The course evaluation for the course MAT 235 Vector and Tensor Analysis

says that the students were quite satisfied with the lectures and made progress in the lectures. The amount of lectures was also deemed sufficient and the final summary suggests that all the respondents found the course benefitting them in their studies.

The students were satisfied with the choice of the books: Th. Frankel: *The Geometry of Physics*, 3rd edition, Cambridge Univ. Press, isbn 978-0-521-53927-2; Rutherford Aris. *Vectors, tensors and the basic equations of fluid mechanics*. Dover Publications, New York.

The negative aspect was that the students felt that the syllabus of the course needed to be more structured and well-defined.

The findings, particularly the negative one, are not surprising. As the choice of the book shows, Aris is a classic, formal, accessible, and very much explicit as compared to Frankel which is modern, more abstract, further advanced, and condensed. A composition of course that is accessible and includes some of the new developments (or the new language) is a delicate task. Another aspect of this course is that it is quite vast spanning multiple disciplines, e.g., physics, fluid and solid mechanics, finite element theory, differential geometry, topology, and analysis. Designing a course that caters to the audience satisfactorily therefore requires choosing the balance between the applications and the theoretical preparation.

This was the first time this lecturer taught this course. Even though the students have rated the course well, the lecturer feels that a better design of the course content needs to be done keeping in mind the complexities and delicacies involved therein.