

EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	BMED331	Semester / år:	Spring semester 2026
Emnenavn: <i>COURSE NAME:</i>	<i>Tumor Biology</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	Mohammad Aminur Rahman	Godkjent:	Utdanningsleder IBM 10.09.2026
Rapporteringsdato: <i>DATE OF REPORT:</i>	09/09/2026	APPROVED: (admin.)	

INNLEDNING / INTRODUCTION:

Kort beskrivelse av emnet, inkl. studieprogramtilhørighet. Kommentarer om evt. oppfølging av tidligere evalueringer.

SHORT COURSE DESCRIPTION, INCLUDING WHICH STUDENTS/CANDIDATES MAY ATTEND. COMMENTS TO CHANGES BASED ON PRIOR EVALUATIONS.

Tumor Biology (10 ECTS) is a course available for students who fulfill the pre-requirements given by a background in Biology, Molecular Biology or equivalent on bachelor level, preferably completed with a degree.

The course provides knowledge about fundamental processes leading to cancer development, how cancer cells differ from their normal counterparts, how molecular peculiarities of cancer cells leading to their successful survival in the body, and the molecular and cellular mechanisms of cancer therapy.

A heterogenous group of 36 students were registered as attendees for the course:

- 21 Master students in Biomedical Sciences (MAMD-MEDBI),
- 1 Master student in Pharmacy (MATF-FARM),
- 1 medical student (PRMEDISIN) attending the Medical Student Research Programme (MEDFORSKL), and
- 1 visiting/exchange student (INTL-MED),

i.e. 24 students at The Faculty of Medicine.

- 2 Bachelor students in Molecular Biology (BAMN-MOL),
- 5 Master students in Molecular Biology (MAMN-MOL),
- 1 Master student in Biology (MAMN-BIO),
- 2 visiting students at bachelor level (ZBAMNFAK) who completed their Bachelor degree in Molecular Biology (BAMN-MOL) last year,
- 1 visiting/exchange student (INTL-MN), and
- 1 one-year student (ÅRMN) who completed the Master degree in Medical Technology (5MAMN-MTEK)

i.e. 12 students at Faculty of Science and Technology.

For course description: <http://uib.no/course/BMED331>

For previous evaluation reports: <https://kvalitetsbasen.app.uib.no/popup.php?kode=BMED331>

The evaluation report for 2025 listed following changes planned for 2026:

For the next course round, make sure about the good communication with the students in Mitt UiB. Review the balance of topics in the exam to ensure fair representation of the different lectures. Where possible, increase the number of lectures or extend discussions and provide more depth. Finally, scheduling will be reconsidered to avoid overlap with holidays and other exams.

The planned changes were largely addressed in the 2026 course. Communication with students through Mitt UiB and by email functioned well, and the exam was generally perceived as focusing on the main course concepts. The shortened four-week teaching period, however, continued to limit the possibility for additional lectures, and sufficient time for consolidation of the material. Scheduling and workload therefore remain important points for further improvement.

STATISTIKK / STATISTICS (admin.):

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		37	Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>				34
Karakter- skala GRADING SCALE	«A-F»	A:	B:	C:	D:	E:	F:
		11	8	9	3	3	-

KOMMENTARER TIL KARAKTERFORDELINGEN / COMMENTS TO THE STATISTICS:

Emnerapporten utarbeides når sensuren etter ordinær eksamen i emnet er klar. For muntlige eksamener er da resultatfordelingen endelig, men for skriftlige eksamener kan endelig resultatfordeling avvike noe om evt. klagebehandling ikke er fullført.

THIS REPORT IS PREPARED AFTER ORDINARY EXAMINATION. FOR ORAL EXAMS, THE RESULTS ARE FINAL, FOR WRITTEN EXAMS, THE FINAL GRADING DISTRIBUTION MAY DIFFER SLIGHTLY IF CANDIDATE COMPLAINTS/APPEALS HAVE NOT BEEN PROCESSED.

Mean grade: B, Number of failures: 0 (0 %). There was a well distribution of grades means that the student received good knowledge from this course. None of the student made formal complaint.

SAMMENDRAG AV STUDENTENE SINE TILBAKEMELDINGER / SUMMARY OF EVALUATIONS GIVEN BY THE STUDENTS

Spørreundersøkelse via Mitt UiB, annen evaluering, tilbakemelding fra tillitsvalgte og/eller andre.

COURSE EVALUATION ON MITT UIB, OTHER EVALUATIONS, RESPONSES FROM THE STUDENT REPRESENTATIVES AND/OR OTHERS.

SurveyXact was used as the digital evaluation system. Some of the questions were Multiple Choice Questions (MCQ), while others opened up for the students to give their own opinion as written text.

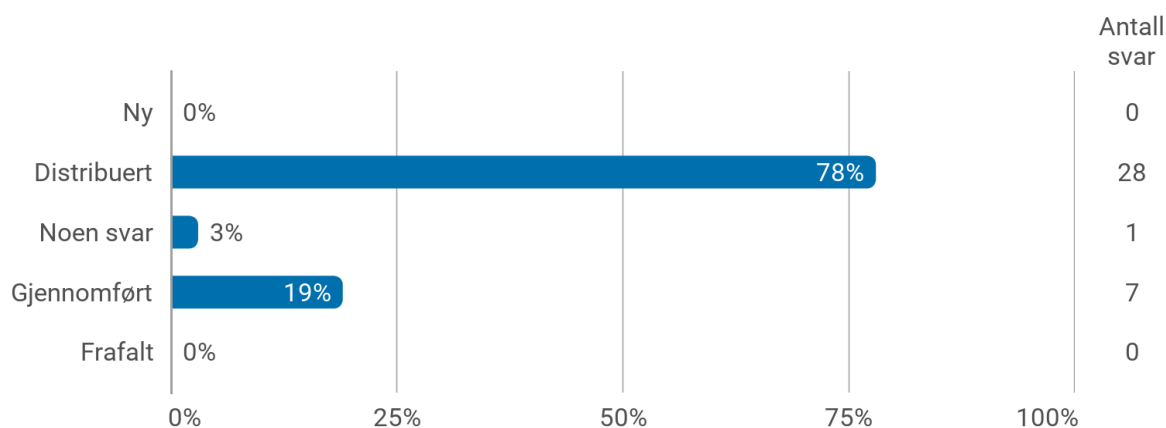
The survey was set up as an anonym survey, and distributed to the students by use of their E mail addresses at UiB.

The Survey was distributed 7 May to 36 students registered as attendees for the course. Examination took place 8 May. Reminders was sent the 8 May (after the exam) and 11 May (resp. 34 and 30) that hadn't responded before. This year an announcement was also sent from the Course page at Mitt UiB the 13 May as a reminder of the survey. When the survey closed the 15 of May, responses from only 8 (22 %) students was registered.

The attendees were asked about the academic content, the organization and the educational level of the teaching, and asked to evaluate the total workload of the course. They were asked to give their responses about the lectures, what they appreciate – or found disappointing – about the course, and to evaluate the given review articles.

Finally came some questions regarding the exam and their learning outcomes.

OVERALL STATUS:

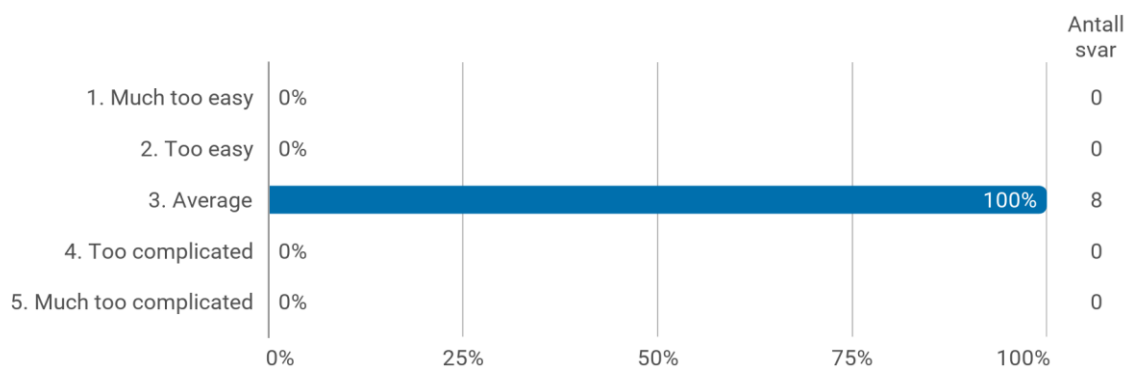


Distributed (but no responses): 28 (78 %) – Some answers: 1 – Completed: 7 (19 %)

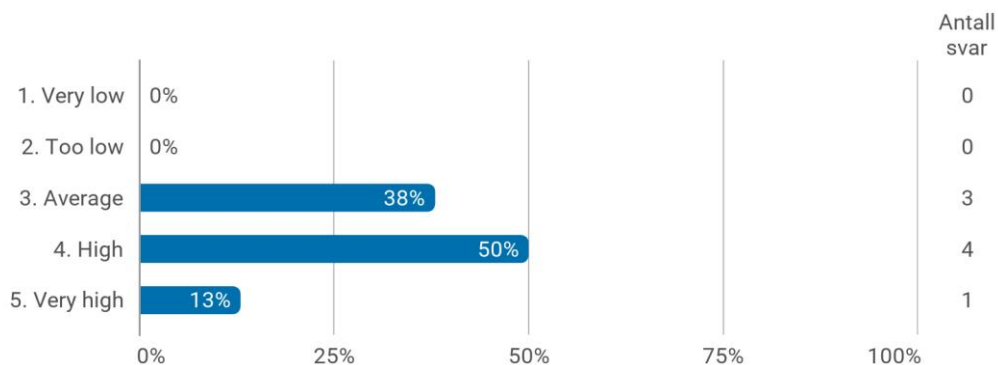
RESULTS:

Only 8 students (22 %) gave their responses to the survey. This may be too few to draw any definite conclusions. The students who responded gave this feedback:

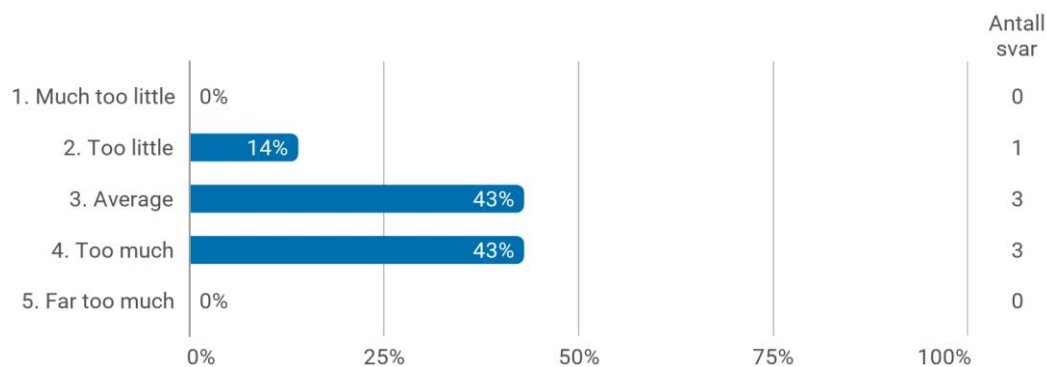
Do you find the academic contents of this course to be:



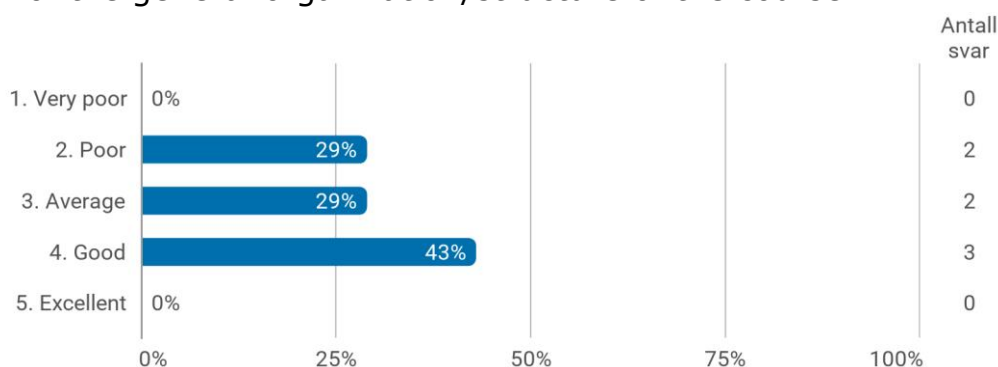
How do you rate the educational level of the teaching on the course?



How do you evaluate the total workload of the course?

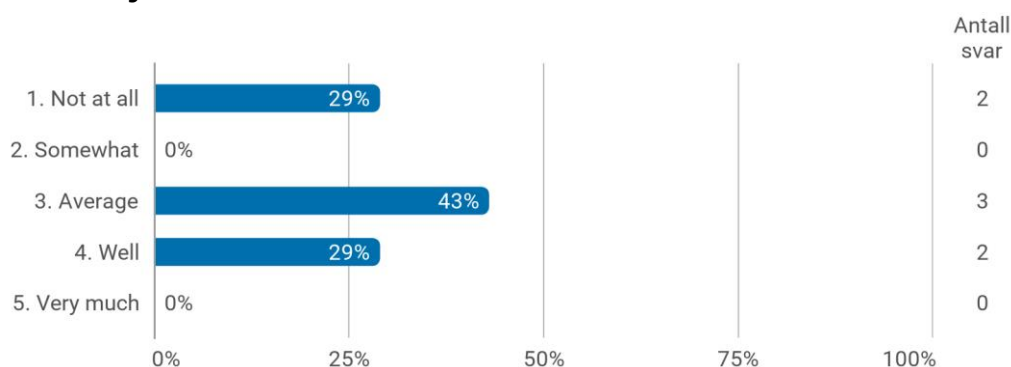


What do you think of the general organization/structure of the course?

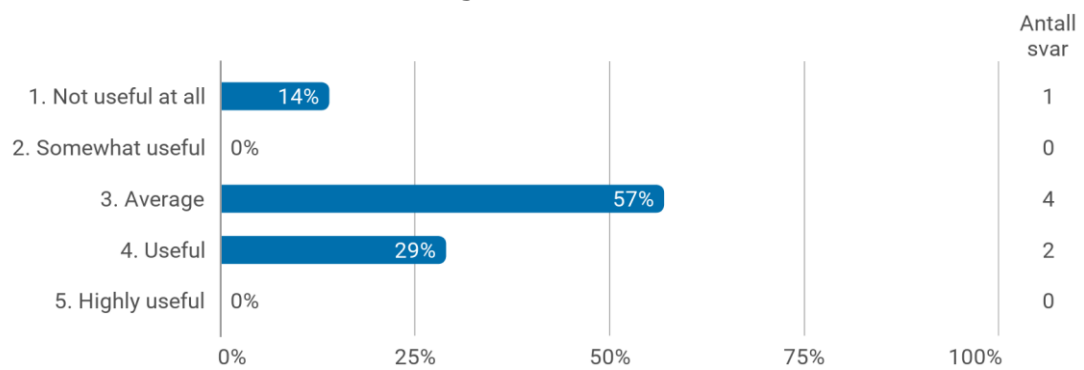


Comments were given to the questions about what was good, what was bad about the course lectures and teachers, Overall, the feedback was positive, with students highlighting interesting topics, knowledgeable lecturers, good communication skills, and valuable teaching from experts in different areas of tumor biology. The feedback also identified some opportunities for further improvement.

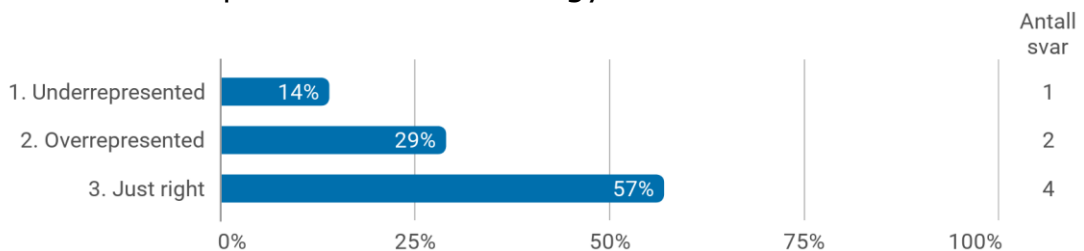
Was the selection of review articles good? Did they improve your understanding of the subject area?



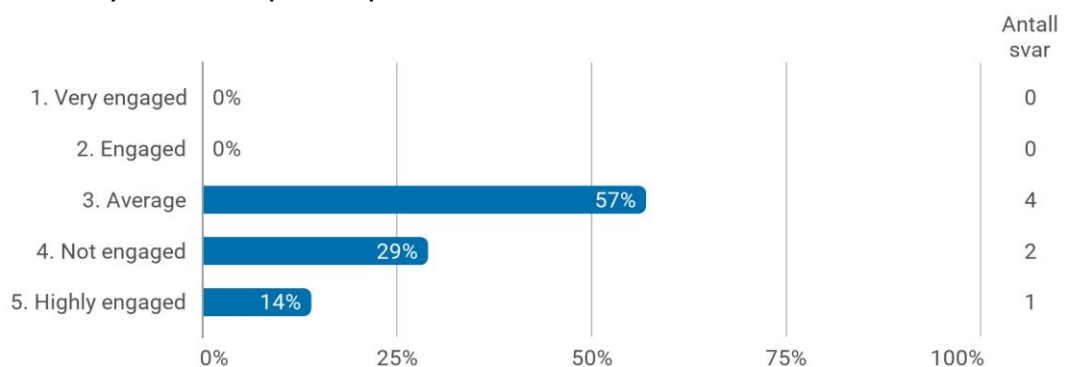
Did you find the discussion on methodologies useful?



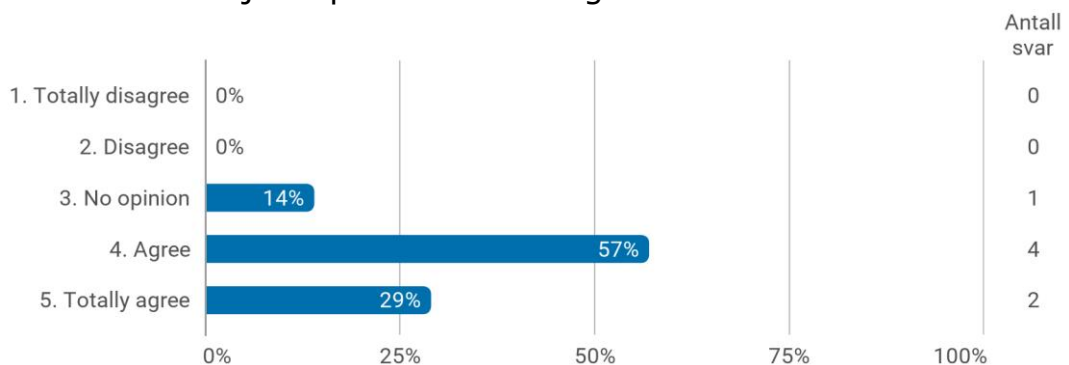
Did you find the clinical aspects of tumour biology to be?



How would you rate your own participation in the class?

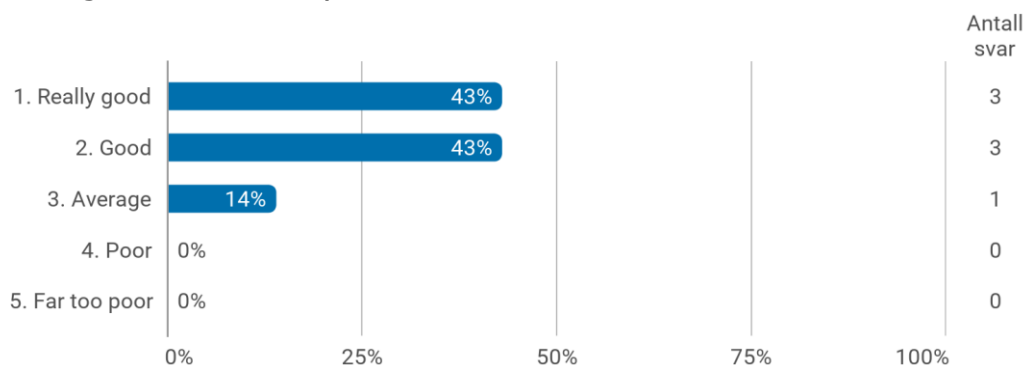


Examination reflects the subjects presented during the course



Four students gave comments regarding the exam. Overall, the exam was considered to focus mainly on relevant core concepts, and students appreciated adjustments made in response to the shortened course period. Suggestions for further improvement included placing even greater emphasis on understanding rather than memorization and considering a slightly larger proportion of written questions.

Based on the Learning outcomes, my outcomes have been



Only three students had comments regarding their learning outcomes. These comments were generally positive, with students describing the topics as interesting and reporting that they learned a lot despite the intensive course period.

EMNEANSVARLIG SIN EVALUERING OG VURDERING / EVALUATION AND COMMENTS BY COURSE COORDINATOR:

Faglæreres vurderinger av emnet. *TEACHER COMMENTS.*

Eksempel: Kommentarer om praktisk gjennomføring, undervisnings- og vurderingsformer, evt. endringer underveis, studieinformasjon på nett og Mitt UiB, litteraturløst, samt lokaler og utstyr.

EXAMPLE: COMMENTS ABOUT PRACTICAL IMPLEMENTATION, TEACHING AND ASSESSMENT METHODS, IF NECESSARY. FUTURE CHANGES/CHANGES IN PROGRESS, STUDY INFORMATION ON THE INTERNET AND MITT UIB, LITERATURE ACCESS, LOCALES AND EQUIPMENT.

Overall, the course evaluation indicates that students found BMED331 interesting, relevant, and academically valuable. The students particularly appreciated the broad range of topics in tumor biology, the involvement of lecturers with different areas of expertise, and the supportive and knowledgeable teaching staff. It is also encouraging that students reported good learning outcomes despite the intensive course period. At the same time, the evaluation identifies areas that can be further improved. The main challenge appears to be the relatively high workload within the four-week course period, which may limit the time available for consolidation and exam preparation. The comments regarding the examination will be considered in future planning.

MÅL FOR NESTE UNDERVISNINGSPERIODE – FORBEDRINGSTILTAK / PLANNED CHANGES FOR THE NEXT TEACHING PERIOD – HOW TO BE BETTER:

For the next teaching period, the course content and structure will be reviewed to improve the balance between workload and available time. The examination format and question design can be reviewed to ensure that assessment primarily reflects understanding of key concepts and aligns well with the content emphasized during the course. Where possible, students will also be given clearer guidance on expected learning outcomes and exam preparation.

FS – resultatfordeling (graf) / FS – DISTRIBUTION OF GRADING (GRAPH):

For all students:



FS580.001 Distribution of results

Exam: BMED331 0 S 2026 VÅR

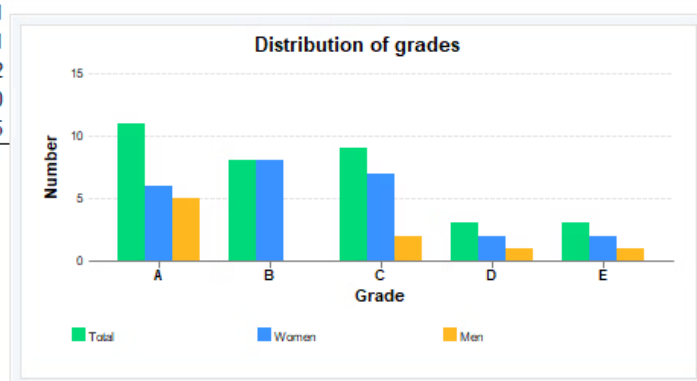
Tumor Biology - Written Examination

Grading scale: Letter grades

10,0sp

	Total	Women	Men
Number of candidates (registered):	37	26	11
Number appearing at the examination:	34	25	9
Number of passes:	34	25	9
Number of failures:	0 0%	0 0%	0 0%
Number of withdrawals during examination	0	0	0
Mean grade:	B	B	B
Number presenting medical certificates:	0	0	0
Number of withdrawals before examination	0	0	0

Grade	Number	Women	Men
E	3	2	1
D	3	2	1
C	9	7	2
B	8	8	0
A	11	6	5



For students at the Master's Programme in Biomedical Sciences, who started in 2025:



FS580.001 Distribution of results

Exam: BMED331 0 S 2026 VÅR

Tumor Biology - Written Examination

Grading scale: Letter grades

10,0sp

MAMD-MEDBI Masterprogram i biomedisin 2025 HØST

	Total
Number of candidates (registered):	20
Number appearing at the examination:	19
Number of passes:	19
Number of failures:	0 0%
Number of withdrawals during examination	0
Mean grade:	B
Number presenting medical certificates:	0
Number of withdrawals before examination	0

Grade	Number
E	1
D	2
C	5
B	5
A	6

