

## EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	<b>BMED331</b>	Semester / år:	<b>Spring semester 2024</b>
Emnenavn: <i>COURSE NAME:</i>	<i>Tumor Biology</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	<b>Nils Halberg</b>	Godkjent:	Utdanningsleder IBM 04.11.2024
Rapporteringsdato: <i>DATE OF REPORT:</i>	<b>Nov 4, 2024</b>	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 45 students were registered for the exam, while 40 students were registered as attendees for the course:

- 12 Master's students in Biomedical Sciences (MAMD-MEDBI),
- 4 Master's students in Pharmacy (MATF-FARM),
- 3 visiting students (INTL-MED),
- 2 Medical students (PRMEDISIN), and
- 1 student ... (MEDFORSKL)

i.e. 22 students at The Faculty of Medicine.

- 9 Master's students in Molecular Biology (MAMN-MOL),
- 7 Bachelor students in Molecular Biology (BAMN-MOL),
- 1 Master's student in Nanoscience (MAMN-NANO),
- 1 Master student in Biology (MAMN-BIO),
- 3 visiting/exchange student (INTL-MN),
- 1 Master student in Medical tecknology (MAMN-MTEK), and
- 1 international visiting student, master level (ZMAMNFAK)

i.e. 23 students at The Faculty of Mathematics and Natural Sciences.

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 2023 listed following changes planned for 2024:**

A few things to consider for next year:

- Our PPTs. Students are clearly asking for PPTs that links to the textbook (headlines + direct references).
- We should consider adding more lectures on clinical aspects.
- We need teaching goals for each lecture.
- We should think about cohesion between the different lectures.

The lecturers will follow up on these points.

**Comments to these:**

- The link between ppt and textbook have improved
- Two clinical lectures seem to be the sweet spot. We need to avoid overlap between them and the tumour immunology lecture
- Teaching goals are better, not yet present for each lecture

**STATISTIKK / STATISTICS (admin.):**

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		<b>43</b>	Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>				<b>33</b>
Karakter- skala GRADING SCALE	«A-F»	<b>A:</b>	<b>B:</b>	<b>C:</b>	<b>D:</b>	<b>E:</b>	<b>F:</b>
		<b>7</b>	<b>6</b>	<b>10</b>	<b>2</b>	<b>5</b>	<b>3</b>

**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/APEALS HAVE NOT BEEN PROCESSED.*

The full scale was used. Exam average is C, which is fine. 10% failed. I believe that representant students who started to course without much biological knowledge. Consistently, 8% rated the course to be educational level very high.

**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.

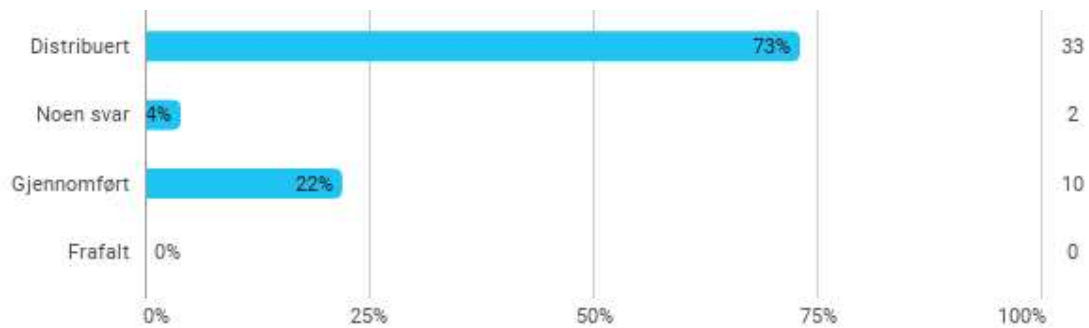
The survey was set up as an anonym survey, and distributed to the students by use of their E mail addresses at UiB.

The Survey was distributed 17 April to 45 students registered as attendees for the course. Examination took place 26 April. Reminders was sent the 26 and 30 April to those (resp. 41 and 38) that hadn't responded before. When the survey closed the 3 of May, responses from 12 (26 %) 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): 33 – Some answers: 2 – Completed: 10

#### RESULTS:

90% of the students rates the course good (30%) or really good (60%) in terms of learning outcomes. That is great!

Going forward we should have more focus on keeping the planned lectures without rescheduling.

#### 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, litteraturtilgang, 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.*

The course has a lot of lecturers. From the reviews is clear that the student appreciates the variety. On the flip side they are unhappy with cancellations and rescheduling of lectures. I agree that we had to reschedule a lot. This unfortunately goes hand in hand with having lecturers for who teaching is not first priority. Unsure how to make it better, but course leader should stress to lecturers to block out the timeslots as soon as possible.

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

Better consistency in terms of sticking to the plan and avoid rescheduling.

Also, stress that there are chapters in the textbook that does not need to be read.

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



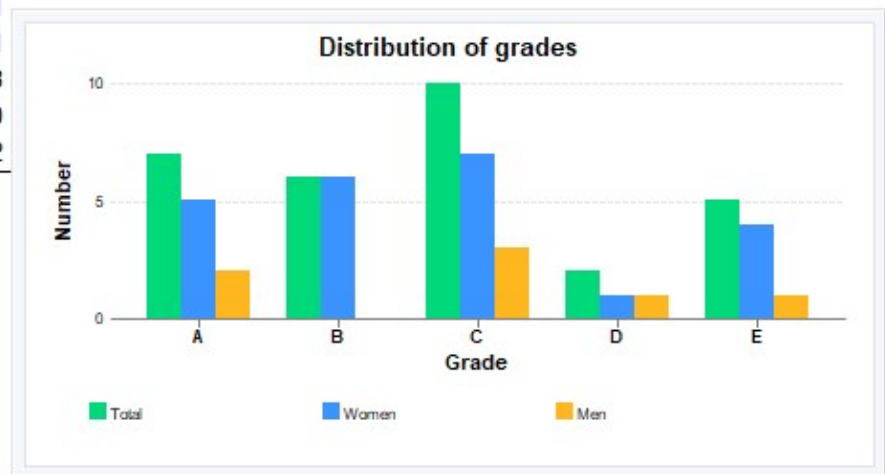
**FS580.001 Distribution of results**

Exam: BMED331 0 S 2024 VÅR  
 Tumor Biology - Written Examination  
 Grading scale: Letter grades

10,0sp

	Total	Women	Men
Number of candidates (registered):	43	33	10
Number appearing at the examination:	33	25	8
Number of passes:	30	23	7
Number of failures:	3 9%	2 8%	1 13%
Number of withdrawals during examination	0	0	0
Mean grade:	C	C	C
Number presenting medical certificates:	1	1	0
Number of withdrawals before examination	0	0	0

Grade	Number	Women	Men
E	5	4	1
D	2	1	1
C	10	7	3
B	6	6	0
A	7	5	2





### FS580.001 Distribution of results

Exam: BMED331 0 S 2024 VÅR

Tumor Biology - Written Examination

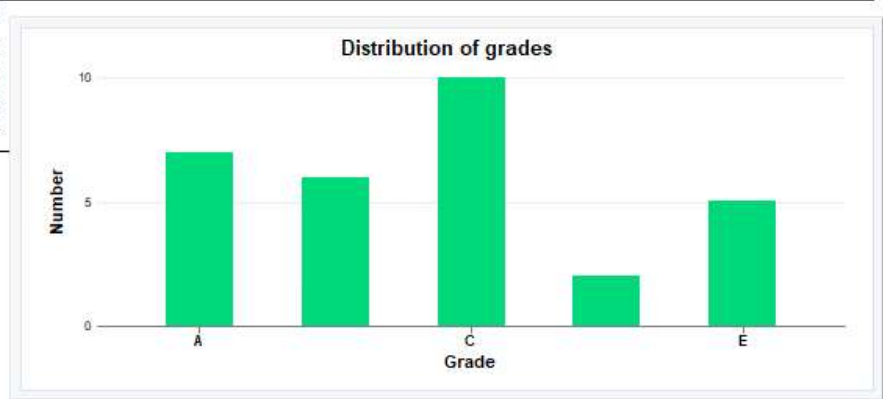
Grading scale: Letter grades

10,0sp

	Total
Number of candidates (registered):	43
Number appearing at the examination:	33
Number of passes:	30
Number of failures:	3 9%
Number of withdrawals during examination	0
Mean grade:	C
Number presenting medical certificates:	1
Number of withdrawals before examination	0

#### GradeNumber

E	5
D	2
C	10
B	6
A	7



For students at the Master's Programme in Biomedical Sciences, who started in 2023:

### MAMD-MEDBI Masterprogram i biomedisin 2023 HØST

	Total
Number of candidates (registered):	9
Number appearing at the examination:	8
Number of passes:	8
Number of failures:	0 0%
Number of withdrawals during examination	0
Mean grade:	B
Number presenting medical certificates:	1
Number of withdrawals before examination	0

#### GradeNumber

E	0
D	1
C	1
B	3
A	3

