

EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	BMED331	Semester / år:	Spring semester 2022
Emnenavn: <i>COURSE NAME:</i>	<i>Tumor Biology</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	Rolf Bjerkvig	Godkjent: <i>APPROVED:</i> (admin.)	Utdanningsleder IBM 27.09.2022
Rapporteringsdato: <i>DATE OF REPORT:</i>	09.08.2022		

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 48 students were registered for the course in the beginning of this semester; among these 47 were registered for the exam:

- 21 Master's students in Biomedical Sciences (MAMD-MEDBI),
- 2 students at the Medical Student Research Programme (MEDFORSKL),
- 5 visiting students (INTL-MED), and
- 1 one-year student (ÅRMO)

i.e. 29 students at The Faculty of Medicine.

- 5 Master's students in Biology (MAMN-BIO),
- 7 Master's students in Molecular Biology (MAMN-MOL),
- 1 Master's student in Nanoscience (MAMN-NANO),
- 2 students at the Integrated Teacher Programme in Science and Mathematics (MAMN-LÆRE),
- 1 Master's student in Bioinformatics (MAMN-INF),
- 1 visiting/exchange student (INTL-MN), and
- 1 one-year student at Master level (ZMAMNFAK)

i.e. 18 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 2021 listed following changes planned for 2022:

Det vil bli lagt inn en ekstra forelesning som omhandler «Therapeutic Principles» i BMED-331 til våren 2022, da dette var et ønske fra noen studenter i spørreundersøkelsen. Emneansvarlig ser at en slik forelesning vil være nyttig, -og vil gi studentene en bedre forståelse av hvordan tumor-biologi er knyttet opp mot behandling.

Changes due to the outbreak of global COVID-19 (coronavirus disease) spring semester 2020:

The spread of SARS-CoV-2 virus that make Norway to go for “lockdown” in the Spring semester 2020, had a strong impact on most of the courses in Spring Semester 2022 as well. For this course we had on-site lectures. The results from the survey were therefore not affected by the COVID outbreak.

STATISTIKK / STATISTICS (admin.):

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		47	Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>				40
Karakter- skala <i>GRADING SCALE</i>	«A-F»	A:	B:	C:	D:	E:	F:
		8	13	10	5	2	2

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.

Among the 48 students registered as attendees, 47 students were registered for the exam, and 7 of these did not attend the exam. 2 (5 %) of the attendees failed, while 38 passed. The mean grade for all students attending the exam was B. This means that the overall information-transfer and teaching benefit to the students were quite good.

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 30 March to the 48 students registered as attendees for the course. Examination took place 29 April. Reminders was sent the 2 and 4 May to those (resp. 46 and 34) that hadn't

responded before. When the survey closed the 6 of May, responses from 17 (35 %) 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.

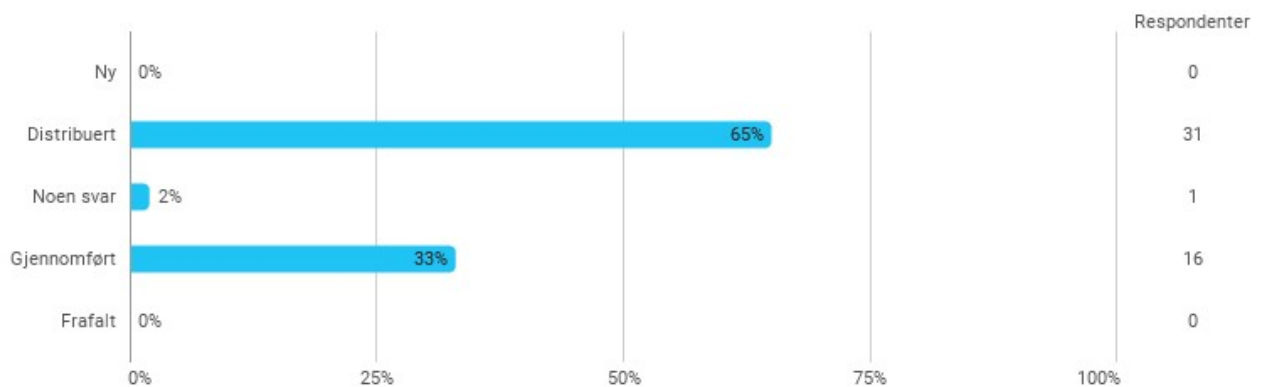
Finally came some questions regarding the exam and their learning outcomes.

Due to the ongoing pandemic was all our students at the department also asked this question:

“How have digital teaching methods and restrictions on education on campus affected your learning and your study life? Feel free to mention both negative and positive experiences.”

When the survey closed the 6 May, one week after the exam, responses from 17 students (35 %) was registered; 1 student was registered with some answers, and 16 had fulfilled the survey.

Overall status:



RESULTS:

Overall, the academic content of the course was scored average

Regarding the educational level of teaching 31% of the respondents regarded the educational level to be too low whereas 25% and 31% regarded the educational level to be average or too high. Most likely, do these scores reflect the prior knowledge and quality of the student population.

Total work-load was considered to be average.

Regarding course organization 50% responded that it was poorly organized whereas 48% responded that the course was average or well organized.

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.

From the comments made, I can not see that there is a need for changing the course curriculum. The influx of students to BMED 331 has increased considerably during the last years. The students that are registered to the course have obviously different academic backgrounds, and do not represent a homogeneous population. This is in my mind reflected in the survey scores.

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

I believe that the course is organized. Yet, 50% of the respondents thought the course was poorly organized. In order to mitigate this aspect, I believe there should be more interactions between the teachers and the students. To be better, it is important that there should be at least two “spørretimer” during the course. The lectures should also be prepared as video lectures. In this way the students should be able to go through the lectures multiple times.

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



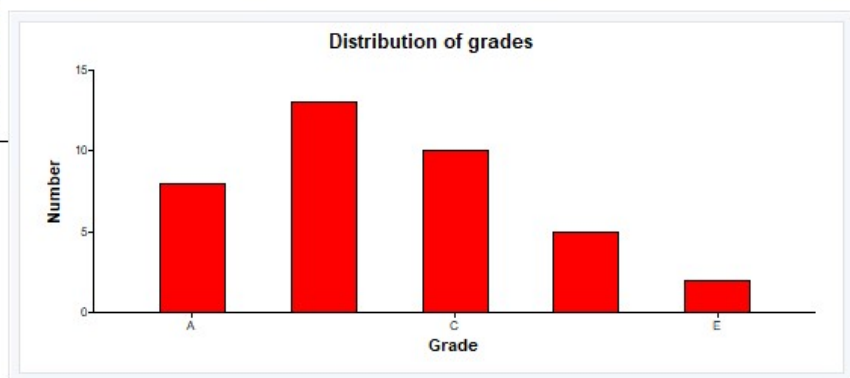
FS580.001 Distribution of results

Exam: BMED331 0 S 2022 VÅR
 Tumour Biology - Written Examination
 Grading scale: Letter grades

10,0sp

	Total
Number of candidates (registered):	47
Number appearing at the examination:	40
Number of passes:	38
Number of failures:	2 5%
Number of withdrawals during examination	0
Mean grade:	B
Number presenting medical certificates:	0
Number of withdrawals before examination	0

GradeNumber	
E	2
D	5
C	10
B	13
A	8



For students at the Master's Programme in Biomedical Sciences, who started in 2021:

Kull: MAMD-MEDBI 2021-HØST - Studiekull 2021-HØST

	Total
Number of candidates (registered):	20
Number appearing at the examination:	17
Number of passes:	17
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

GradeNumber	
E	0
D	2
C	4
B	6
A	5

