

EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

| | | | |
|--|--|---|-----------------------------------|
| Emnekode: <i>COURSE CODE:</i> | BMED330 | Semester / år: | Spring semester 2026 |
| Emnenavn: <i>COURSE NAME:</i> | <i>Cell Communication and Intracellular Signaling</i> | SEMESTER / YEAR: | |
| Emneansvarlig: <i>COURSE COORDINATOR:</i> | Md Jubayer al Hossain - Jubayer.Hossain@uib.no | Godkjent: <i>APPROVED:</i> (admin.) | Utdanningsleder IBM 15.05.2026 |
| Rapporteringsdato: <i>DATE OF REPORT:</i> | 09.05.2026 | | |

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.

Cell Communication and Intracellular Signaling (10 ECTS) is a course available for students attending a Master's Programme, as well as PhD candidates and visiting students that meet the required previous knowledge in biology, molecular biology or equivalent.

The course objective is to provide students an understanding of the principles of cellular communication and cell signaling. The course runs over a period of 7 weeks, comprising 6-8 hours of mandatory lectures and student group presentations per week.

The Deadline for Semester Registration was 1 February. When the distribution list for the survey was downloaded the 3 February a total number of 19 students were registered as attendees for the course this semester:

- 12 Master students in Biomedical Sciences (MAMD-MEDBI),
- 1 Master student in Pharmacy (MATF-FARM),
- 1 one-year student (ÅRMO), and
- 1 visiting/exchange student (INTL-MED) through an international agreement between their home institution and Faculty of Medicine.
- 1 Bachelor student in Molecular Biology (BAMN-MOL), and
- 3 visiting/exchange student (INTL-MN) at Faculty of Science and Technology.

Mitt UiB (<http://mitt.uib.no>) is the Learning Management System (LMS) used by all courses at University of Bergen. The student can find Syllabus and information at the Course site, contact information and lecture notes (if given). All students have access to the course page at Mitt UiB if they are registered as attendees and/or for the exam.

For course descriptions, visit <http://www.uib.no/en/course/BMED330>

For previous reports, visit <https://kvalitetsbasen.app.uib.no/popup.php?kode=BMED330>

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

The only issue that was raised from the students was lack of practice questions before exam. This is, in part, due to the changes in lectures and teachers. However, next time, it should be organized by the coordinator.

Possibility should be checked to have a delayed start (3rd-4th week of Jan.) of the course.

Comments to this:

STATISTIKK / STATISTICS (admin.):

| | | | | | | | |
|---|-----------|---|-----------|-----------|-----------|-----------|-----------|
| Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i> | 20 | Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i> | 15 | | | | |
| Karakter- skala <i>GRADING SCALE</i> | «A-F» | A: | B: | C: | D: | E: | F: |
| | | - | 1 | 4 | 2 | 3 | 5 |

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.

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. Exam questions comprised multiple choice (MCQ) and written answer questions.

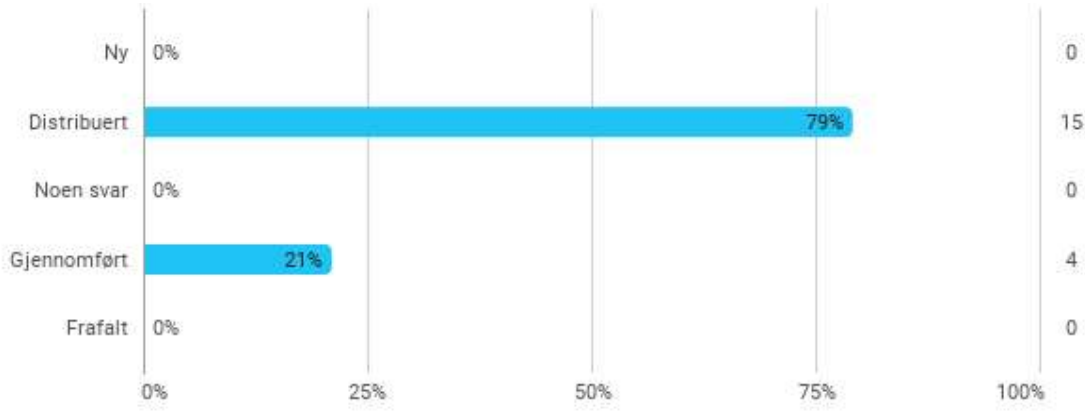
An anonymous survey was distributed by UiB email addresses on 23rd February to the students (19) registered as attendees. Reminder was sent the 13th and 18th March to those (resp. 19 and 19) that hadn't responded before. This year an announcement was also sent from the Course page at Mitt UiB the 23rd March as a reminder of the survey.

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.

When the survey closed the 25th of March, responses from 4 (21 %) students was registered.

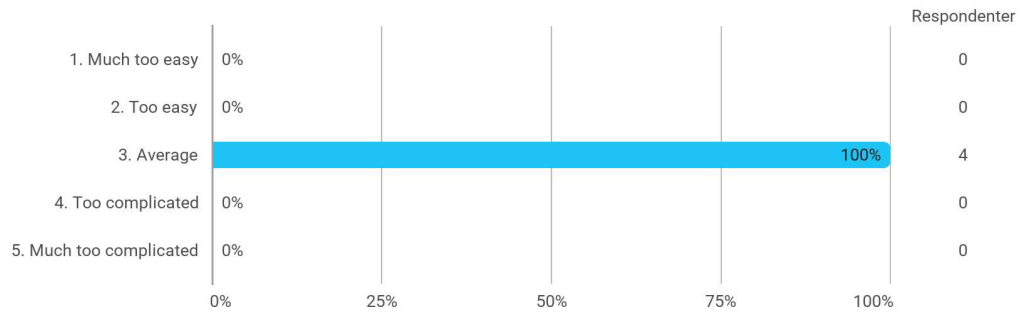
OVERALL STATUS:



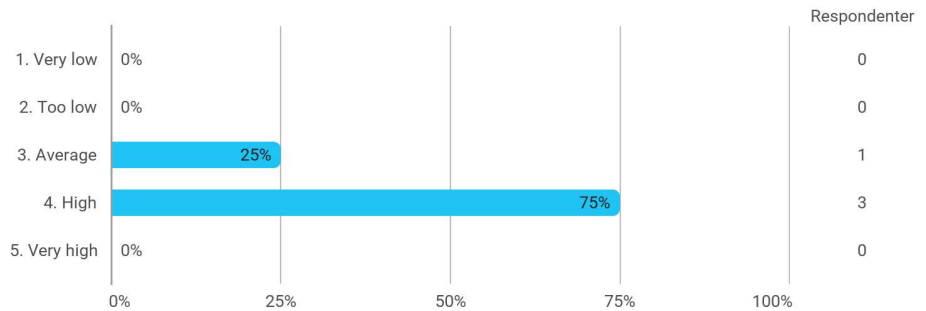
Distributed (but no responses): 15 – Completed: 4

RESULTS:

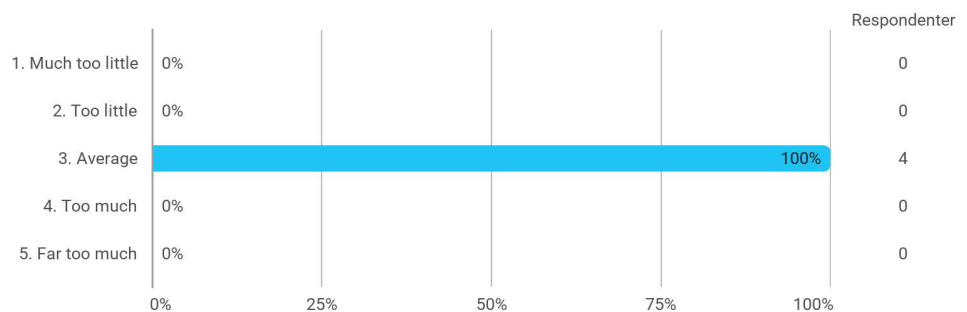
Do you find the academic contents of this course to be:



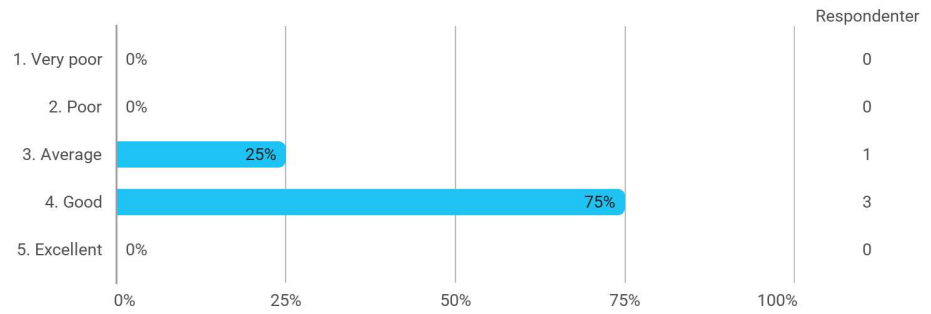
How do you rate the educational level of the teaching on the course?



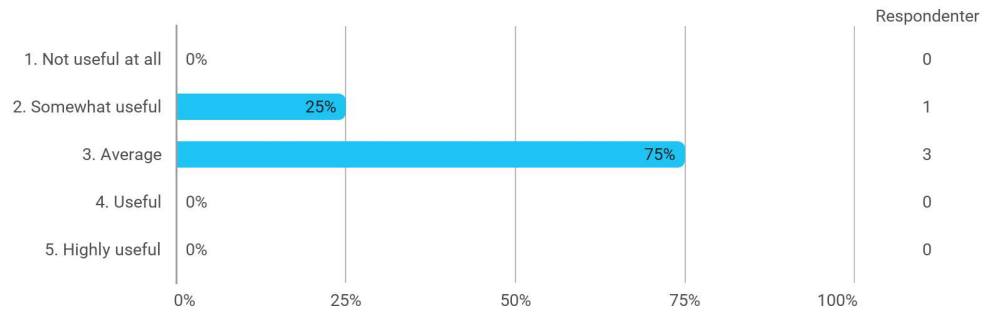
How do you evaluate the total workload of the course?



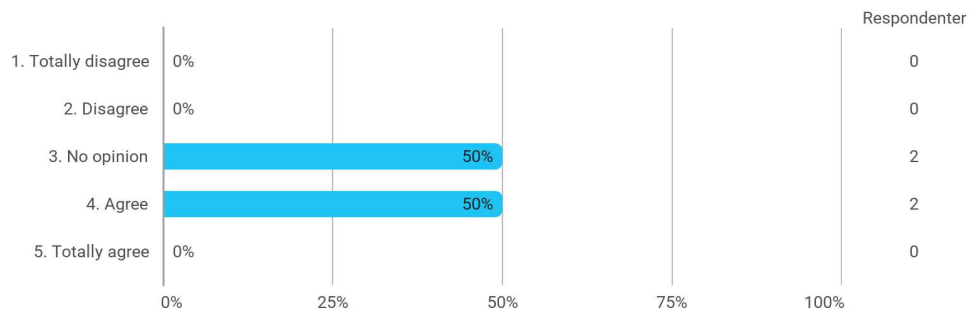
What do you think of the general organization/structure of the course?



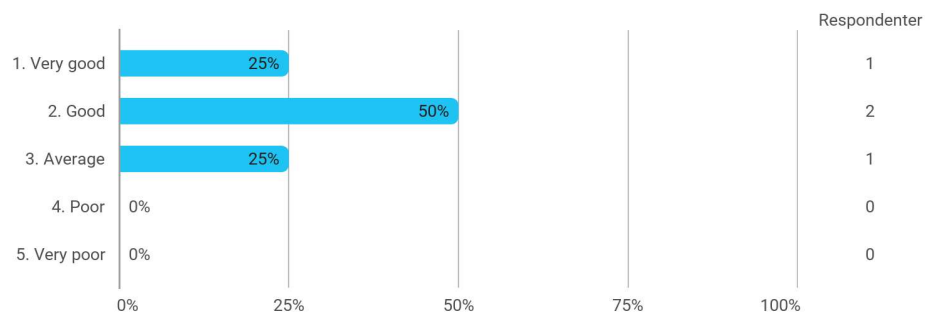
What did you think about the review articles and presentation thereof?



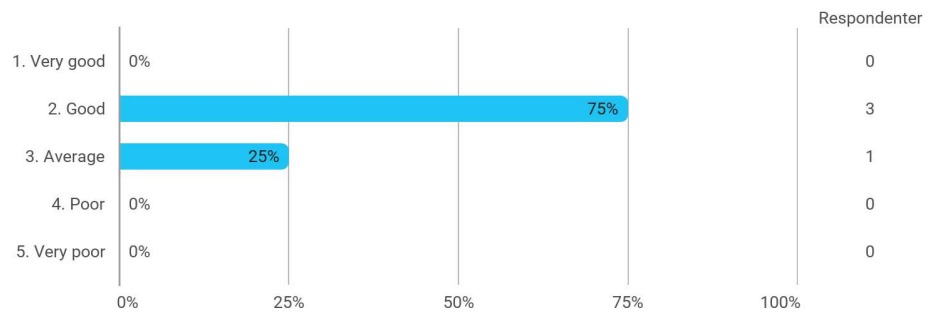
The exam reflected the subjects presented during the course



My learning outcome has been:



Overall, I think the course was:



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.

There have been significant changes in the course. Several new topics and new lecturers. Overall, the implementation was good, and largely well-accepted by the students.

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

A discussion is needed to identify the reason behind worse overall results (90%+ passing students scored C or less) compared to last year (40% B). Failure rate is also higher (30% vs 9%). The feedback form from students does not mention pedagogical stress or other recognizable reasons.

A few ideas could be implemented: 1) reducing the number of journal club paper presentation 2) providing much clearer information about the exam 3) more information on the individual topics in the course webpage 4) extending the lecture on 'therapeutic targeting of signalling pathways' and importantly 5) through discussion among the teachers for next year

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



FS580.001 Distribution of results

Exam: BMED330 0 S 2026 VÅR

Cell Communication and Intracellular Signaling - Written Examination

Grading scale: Letter grades

10,0sp

| | Total |
|--|-------|
| Number of candidates (registered): | 20 |
| Number appearing at the examination: | 15 |
| Number of passes: | 10 |
| Number of failures: | 5 33% |
| Number of withdrawals during examination | 0 |
| Mean grade: | D |
| Number presenting medical certificates: | 0 |
| Number of withdrawals before examination | 0 |

| GradeNumber | |
|-------------|---|
| E | 3 |
| D | 2 |
| C | 4 |
| B | 1 |
| A | 0 |

