

EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	BMED340	Semester / år:	Spring semester 2023
Emnenavn: <i>COURSE NAME:</i>	<i>Cellular and Molecular Neuroscience</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	Margaret Lin Veruki	Godkjent:	Utdanningsleder IBM 23.05.2023
Rapporteringsdato: <i>DATE OF REPORT:</i>	22.05.2023	<i>APPROVED:</i> (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.

Cellular and Molecular Neuroscience (10 ECTS) is a course available for students attending the Master's Program in Biomedical Sciences, as well as other students and PhD candidates who fulfil the prerequisites.

The course is designed as an introductory course in Neuroscience at the Master's level, with the expectation that the student has a Bachelor's degree in biological or physical science. Previous knowledge of neuroscience is not a prerequisite, but the course level is high with a fast progression. The course aims to give the students necessary intellectual tools to understand and appreciate the complexities of the nervous system at the cellular and molecular level.

16 students were registered for the course this semester

- 1 student attending The Medical Student Research Programme (MEDFORSKL),
- 2 visiting/exchange student (INTL-MED), and
- 10 Master Students in Biomedical Sciences (MAMD-MEDBI) at the Faculty of Medicine, and
- 1 Master students in Informatics (MAMN-INF), and
- 2 visiting/exchange student (INTL-MN) at the Faculty of Mathematics and Natural Sciences.

One of these later withdraw from the exam.

For course descriptions, visit <http://www.uib.no/en/course/BMED340>

For previous evaluation reports, please visit <https://kvalitetsbasen.app.uib.no/popup.php?kode=BMED340>

The evaluation report for 2022 listed following changes planned for 2023:

- 1) Limit the course to 12 students.
- 2) Limit the course to students that are Master's students at the Medical Faculty, MATNAT, or students in MED, OD, NUTR or PHARM.
- 3) Do not open the course to ERASMUS/visiting students that are at the Bachelor level unless they have previously had a semester course in Neuroscience.
- 4) Rework the technical workshops to better meet the students' expectations and reduce the workload on the students.
- 5) Strongly encourage the students to buy the textbook so they have access to the on-line learning tools such as quizzes and videos.
- 6) Reduce the amount of material by reducing the number of chapters that are covered in the course.

7) Rewrite the course description to indicate that the course is taught at a high level and the subject matter is complex. Be clear that mastering the course material will require motivation and interest in the material taught.

Comments to these plans:

We did not limit the number of students in the class, but the course was limited to students already at the Master level unless they had a previous course in Neuroscience. We were succesful in convincing the students to buy/read the textbook and this seemed to have a positive effect on learning. We reduced the number of chapters covered by two and reduced the material presented in the technical workshops. Overall, as a group the students performed better this year compared to last year.

STATISTIKK / STATISTICS (admin.):

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		15	Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>				14
Karakter- skala <i>GRADING SCALE</i>	«A-F»	A:	B:	C:	D:	E:	F:
		2	4	4	3	-	1

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.

The grade distribution is satisfactory, but it is disappointing that a student failed the exam.

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

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

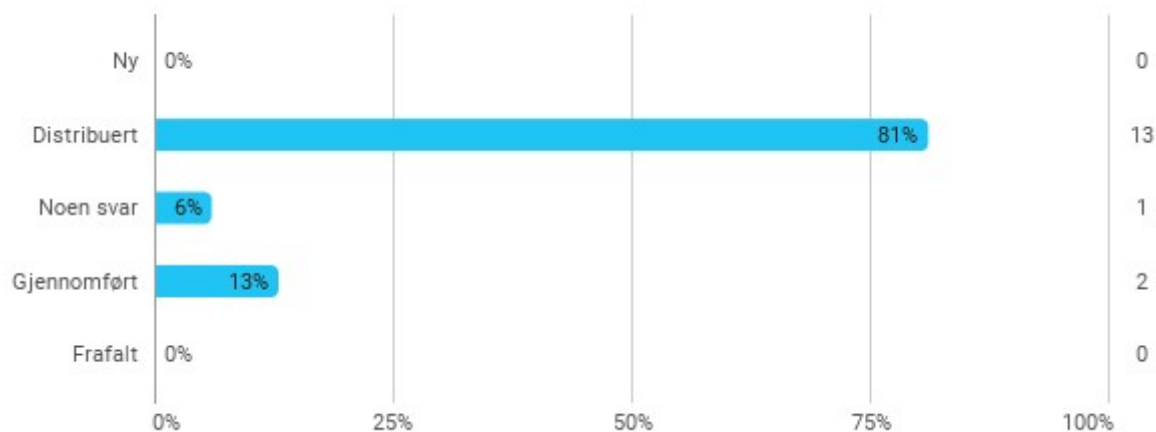
COURSE EVALUATION ON MITT UIB, OTHER EVALUATIONS, RESPONSES FROM THE STUDENT REPRESENTATIVES AND/OR OTHERS.

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

The survey was set up as an anonymous survey, and distributed to the students by use of their E-mail addresses at UiB. The Survey was distributed 12 April to the 16 students registered for the course. Examination took place the 2 May. Reminders was sent the 4 and 8 May to those (resp. 16 and 15) that hadn't responded so far.

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. There were also some questions regarding the exam and their learning outcomes. Open fields for comments were provided.

When the survey closed the 9 May, one week after the exam, responses from only 3 (19 %) students were registered.

Overall status:**RESULTS:**

It is difficult to make conclusions from the student responses, as only two students answered all the questions and one student answered some of the questions. It is very disappointing that so few students provided responses.

All three students that responded had some previous coursework in Neuroscience.

The educational level of the course was rated "Average" to "High," and the workload was rated "Average". The academic content was found to be "Average" or "Too complicated".

Two respondents found that there was enough time to read the assigned chapters between the lectures, one thought there was too little time.

All three applicants found the course to be well organized and either "Agreed" or "Totally agreed" that the exam reflected the material presented in the lectures.

Students felt that their learning outcome were either "Average" or "Really good".

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

Faglærerens 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.

no comments

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

The changes implemented for 2023 seem to have had a good effect on the performance and learning of the students. No specific changes are planned for 2024.

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



FS580.001 Distribution of results

Exam: BMED340 0 S1 2023 VÅR
Cellular and Molecular Neuroscience - Skoleeksamen
Grading scale: Letter grades - Passed

10,0sp

	Total
Number of candidates (registered):	15
Number appearing at the examination:	14
Number of passes:	13
Number of failures:	1 7%
Number of withdrawals during examination:	0
Mean grade:	C
Number presenting medical certificates:	0
Number of withdrawals before examination:	0

GradeNumber	
E	0
D	3
C	4
B	4
A	2

