EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: *COURSE CODE:*	**BMED370**	Semester / år: SEMESTER / YEAR:	**Spring semester 2026**
Emnenavn: *COURSE NAME:*	*Computational methods for drug design*		
Emneansvarlig: *COURSE COORDINATOR:*	**Ruth Brenk**	Godkjent: *APPROVED:* (admin.)	Utdanningleder IBM 09.11.2026
Rapporteringsdato: *DATE OF REPORT:*	30.10.2026		

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.

Computational methods for drug design (5 ECTS) is a course that focuses on important aspects of biomolecular recognition which form the basis on which many computational methods are built. The principles of computational methods used for structure- and ligand-based drug design will be explained, and publicly accessible databases that are important for the field will be introduced. The students will gain hands-on experience with industrial standard modeling methods through practical exercises.

13 students were registered for the course spring semester 2026;

- 5 Master students in Biomedical Sciences (MAMD-MEDBI),
- 1 visiting/exchange student (INTL-MED), and
- 1 PhD student (PHDMD)

at the Faculty of Medicine,

- 1 Bachelor student in Molecular biology (BAMN-MOL),
- 1 Master student in Molecular biology (MAMN-MOL),
- 2 Master students in Medical Technology (5MAMN-MTEK)
- 1 visiting/exchange student (INTL-MN), and
- 1 visiting PhD candidate (ZDGMNFAK)

at the Faculty of Science and Technology.

For course descriptions, visit http://uib.no/course/BMED370

For evaluation reports, please visit https://kvalitetsbasen.app.uib.no/popup.php?kode=BMED370

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

Keep up the good work.

Comments:

Overall, the course went as planned.

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

Antall vurderingsmeldte studenter: *NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:*	**13**	Antall studenter møtt til eksamen: *NUMBER OF CANDIDATES ATTENDED EXAMINATION:*	**12**

Karakter-skala *GRADING SCALE*	*«Bestått/Ikke bestått»* *«PASS/FAIL»*	**Bestått / PASS:**	**12**	**Ikkje bestått / FAIL:**	**-**

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.

All students attending the exam passed.

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.

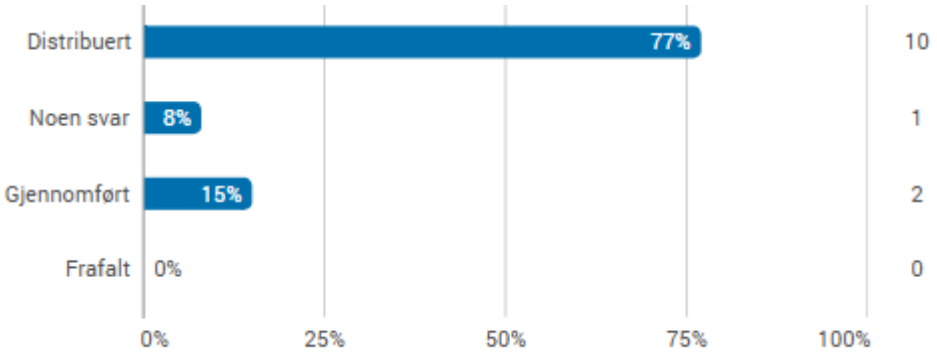
SurveyXact was used as the digital evaluation system. Some of the questions were Multiple Choice Questions (MCQ), while others gave the students opportunity to give their own opinion as written text.

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 the 5 May to the students registered for the course. Oral examination took place the 12 May. Reminders was sent the 8 May and after the exam the 12 May to those (resp. 13 and 13) 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.

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

When the survey closed 15 May, responses from only three –3 – students (23 %) was registered.

Overall status:



Distributed (but no responses): 10 (77 %) – Some answers: 1 – Completed: 2 (15 %)

RESULTS:

Only 3 of 13 students gave their responses to the course survey. These are too few to draw any definite conclusions, and their responses ranged from agreement to very different opinions.

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.

There were some complaints in the survey that in the practical part, the students only had to follow an online tutorial and that the context of why to carry out tasks were not explained.

This student experience does not match with the course content. The students carry out every tasks three times: first, they follow the online tutorial to get a grasp on how to technically conduct the tasks, second, the technical skills are applied to a problem in the class which one-to-one guidance if needed plus summaries on the way, third, the students apply in as group and homework the skills to a given problem which is then presented in the form of a poster.

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

Keep on the good work.

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

FS580.001 Distribution of results

Exam: BMED370 0 M 2026 VÅR
Computational methods for drug design - Oral examination 5,0sp
Grading scale: Letter grades - Passed
-

	Total		Women		Men	
Number of candidates (registered):	13		7		6	
Number appearing at the examination:	12		7		5	
Number of passes:	12		7		5	
Number of failures:	0	0%	0	0%	0	0%
Number of withdrawals during examination	0		0		0	
Mean grade:	.00		.00		.00	
Number presenting medical certificates:	0		0		0	
Number of withdrawals before examination	0		0		0	