

UiO : **Department of Biosciences**  
University of Oslo

**MBV4410/9410 Fall 2016**

Bioinformatics for Molecular Biology - summary



## General information

Course coordinator: Jon Bråte

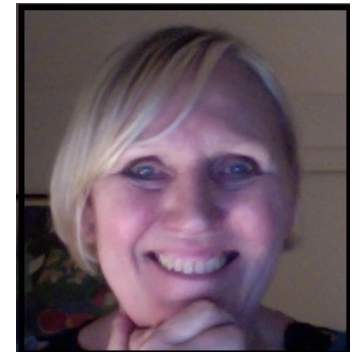
Email: [jon.brates@ibv.uio.no](mailto:jon.brates@ibv.uio.no)

Phone: +47 922 44 582



Course administrator: Torill Rørtveit

Email: [torill.rortveit@ibv.uio.no](mailto:torill.rortveit@ibv.uio.no)



Course web page:

[https://wiki.uio.no/projects/clsi/index.php/MBV-INF410\\_2016](https://wiki.uio.no/projects/clsi/index.php/MBV-INF410_2016)

## General information

	Level	Credits	Exam	Oblig	Extra oblig
MBV-INF4410	MSc	10	Yes	Yes	No
MBV-INF9410	PhD	10	Yes	Yes	Yes (at least 2500 words)

Home exam:

- Sent out to all participants at 15:00 Friday December 9 by email
- Must be returned at latest 15:00 Friday December 16 by email (NB! To Torill – not Jon!)

Oblig:

- Assignment (including essay) must be returned by 23:59 Friday December 2 at by email

# Obligatory assignment (“oblig”)

- Exercise for oblig will be handed out at the end of course week 2.
- Will be relatively easy and similar to exercises in course weeks 1 and 2.
- Must be returned before the first lecture in course week 4 (December 5).
- PhD students (MBV-INF9410) must in addition write an essay (> 2500 words).
  - Describe how you would use 2 or more of the methods covered in the course in your own research.
- **Obligatory assignment must be approved before you can take the exam!**

# Exam

The exam for this course will be a week long take-home exam. Only students who have completed and passed the obligatory assignment are allowed to take the exam.

The exam will be sent to all qualified participants at 15:00 December 9 by email.

The completed exam must be returned at latest 15:00 on December 16 by email to Torill Rørtveit ([torill.rortveit@ibv.uio.no](mailto:torill.rortveit@ibv.uio.no)) - **NOT TO JON!**. Please **put the course code and your name in the subject field** (e.g. "Exam MBV-INF4410 Your Name"). **Do not write your name in the document.**

The exam must be handed in as a single PDF document. The document should be marked with the date, course code and your name.

If necessary for evaluating the exam, a small oral examination may be arranged.

MBV-INF4410: Grade scale A-F (F = fail)

MBV-INF9410: Pass/fail (Pass = B or better)

## Exam

If you decide to not take the exam, please let me and Torill know

The exam for this course will be a week long take-home exam. Only students who have completed and passed the obligatory assignment are allowed to take the exam.

The exam will be sent to all qualified participants at 15:00 December 9 by email.

The completed exam must be returned at latest 15:00 on December 16 by email to Torill Rørtveit ([torill.rortveit@ibv.uio.no](mailto:torill.rortveit@ibv.uio.no)) - **NOT TO JON!**. Please **put the course code and your name in the subject field** (e.g. "Exam MBV-INF4410 Your Name"). **Do not write your name in the document.**

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MBV-INF9410: Pass/fail (Pass = B or better)

# Exam (last year)

## UNIVERSITETET I OSLO

### Det matematisk-naturvitenskapelige fakultet

**Take-home exam in: MBV-INF4410 and MBV-INF9410**

**Exam start: December 10<sup>th</sup> 2014**

**Exam end: December 17<sup>th</sup> 2014, at 15:00 (strict deadline!)**

**Duration of exam: 1 week exactly**

**11 pages with exercises in English**

**Appendices: None**

**Additional material for the exam:**

[http://folk.uio.no/jonkl/MBV-INF4410\\_2014\\_Exam/ExamMaterial.tar.gz](http://folk.uio.no/jonkl/MBV-INF4410_2014_Exam/ExamMaterial.tar.gz)

**Permitted materials: All written material, including all Internet resources**

Your completed exam must be returned, at the latest, at 3 pm, Wednesday December 17. It should be sent by e-mail to the course administrator Torill Rørtveit (e-mail address: [torill.rortveit@ibv.uio.no](mailto:torill.rortveit@ibv.uio.no)). Please put the course code and your candidate number in the subject field (e.g. "Exam MBV-INF4410 Candidate: 35", where 35 is your candidate number).

# Rules for the exam

The exam must be handed in as a single PDF document (Microsoft Word or an Open Office Document is also acceptable). The document should be named with the course code and your candidate number only (e.g. MBV-INF4410-35.pdf). Please, also put the course code and your candidate number at the top of the first page of your answers. You find your candidate number for this course at UiO StudentWeb. ***Do not place your name in the document. Do not put you student identification number in the document.***

Start the answers to each Exercise on a new page with the Exercise number clearly shown at the top. Sub-sections to an answer (a, b, c, and so on) do not have to start on a new page, but should be clearly labeled. You are encouraged to use screenshots and other figures in order to improve your explanations. If the size of your answers is more than 6-8 MB, split the file into several files, *mark the files thoroughly*, and send them in separate e-mails. Do not send single files larger than 6-8 MB.

**THE WORK MUST REPRESENT YOUR OWN ANSWERS. IT IS NOT PERMITTED TO DISCUSS QUESTIONS OR ANSWERS WITH ANYONE. YOU MAY MAKE USE OF YOUR NOTES, THE HANDOUTS, THE CURRICULUM ARTICLES, ANY OTHER WRITTEN MATERIAL (INCLUDING JOURNAL ARTICLES AND TEXTBOOKS) OR ANY AVAILABLE INTERNET RESOURCES (AS LONG AS YOU DO NOT DISCUSS THE QUESTIONS OR ANSWERS WITH ANYONE).**

Answers should contain only what is asked for. Some questions have multiple parts. Your answers may be given in English or in Norwegian. ***Technical questions*** about the exam can be answered by Jon K. Lærdahl (e-mail address: jonkl@medisin.uio.no).



# Home exam

- For the home exam you have lots of time and permitted materials is almost "everything"
- Very different from a 4 or 6 hours standard written exam
- Last years a significant fraction of students had answered almost everything correctly
- Use a spell checker
- "There are several reasons. Firstly, blah, blah. Stop!"

Relatively little tolerance for silly mistakes such as not reading the questions properly, not answering all sub-questions, very odd/incomprehensible argumentation/spelling, and leaving parts of the exercises blank