**Projects in Bioinformatics @ BiRC**

A project in bioinformatics is an individual 5 or 10 ECTS project carried out under supervision of a BiRC researcher.

**The contract:** To initiate the project, the supervisor and student must fill out this contract and send a signed copy (in pdf-format) to Christian Storm Pedersen <cstorm@birc.au.dk> before **September 1**, if the project is done in the Fall semester, and **February 1**, if the project is done in the Spring semester. Note that you must agree on a **hand in date** and **an exam date** in the exam period immediately following the project work.

**The project itself:** When a signed contract has been submitted, and approved, it is the responsibility of the student, under supervision, to do the described project, and hand in the report (10-15 pages, if a 5 ECTS project, and 20-25 pages, if a 10 ECTS project) to the supervisor no later than the agreed hand in date.

**Exam:** The exam itself is a 15 min presentation of the project, followed by a 15 min discussion of the presentation and the report. Besides the supervisor, an internal co-examiner (another BiRC researcher) must be present at the exam. The final grade is based on an overall assessment of the written report, the presentation, and the following the discussion, where the assessment of written report contributes the most.

**Supervisor responsibility:** It is the responsibility of the supervisor to conduct the exam no later than the agreed exam date and plan with the internal co-examiner. Before the exam, the supervisor must get the exam protocol by contacting Pia Larsen <pila@au.dk>. After the exam, the supervisor must send the signed protocol to Pia Larsen (with cc to Christian Storm Pedersen).

See <http://birc.au.dk/studies/pib/> for more information.

Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Start date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hand in date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exam date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ECTS: ☐ 5 ECTS ☐10 ECTS

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Signature student Signature supervisor

**Project description:**

5-7 lines describing the overall aim of the project. Make it clear what the objectives are, e.g. analyse data sets, implement an algorithm, develop or use theory. Remember that the project should be doable in 7 weeks (~125 hours of work, including the final exam) for a 5 ECTS project, and 14 weeks (~250 hours of work, including the final exam) for a 10 ECTS project, and that it should be possible to document it in a report of 10-15 pages for a 5 ECTS project, and 20-25 pages for a 10 ECTS project. **Think of the text as how you would explain your project and its objectives to others.**

**Learning goals:**

A brief and clear presentation of what the student should be able do to after the project. Formulated as 3-5 items, e.g.:

- The student should be able to describe ...

- The student should be able to implement ...

- The student should be able to analyse ...

- The student should be able to discuss ...

**Think of these items as what you and your project will be evaluated by at the exam.**