



Degree Project in Biotechnology, Second Cycle, 30.0 hp, BB200X

Course leader and examiner:

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Find all information and templates on Canvas!

<https://kth.instructure.com/courses/3299>



First steps for student:

- Find a project (should be Biotechnology!)
 - At KTH or at other university or a company
 - In Sweden or abroad
- Find supervisor(s)
 - Main supervisor at KTH
 - and (if external project) External supervisor
- Contact examiners to make sure the project is suitable as Master's degree project



Examples of projects in 2022

Title: Scale-down modelling of the upstream process for production of Affibody® Molecules

Company/institute: Affibody AB / CBH/Dept. of Protein science

Title: Profiling of host proteins in the envelope SARS-CoV-2 viral particles

Company/institute: CBH/Dept. of Protein science

Title: Synthetic biology for novel chemical-producing anaerobic pathways

Company/institute: CBH/Dept. of Industrial Biotechnology

Title: Pseudomona putida for the production of curcuminoid

Company/institute: Wageningen University, Netherlands / CBH/ Dept. of Industrial Biotechnology



Examination

Examination (Pass/Fail) is assessed upon the following tasks:

1. Project plan
2. Project execution and management
3. Master's thesis
4. Public oral presentation
5. Public opposition on another project, including written summary of opposition.



Role of Main supervisor

1. Give resources for theoretical and practical work to perform the degree project
2. Provide supervision of practical and theoretical work
3. Monitor and document the student's learning process
4. Evaluate the student's performance



Role of external supervisor (If project is performed at organizations other than KTH)

1. Give resources for theoretical and practical work to perform the degree project
2. Provide supervision of practical and theoretical work
3. Provide documentation and observations for evaluation of the student, to the Main supervisor

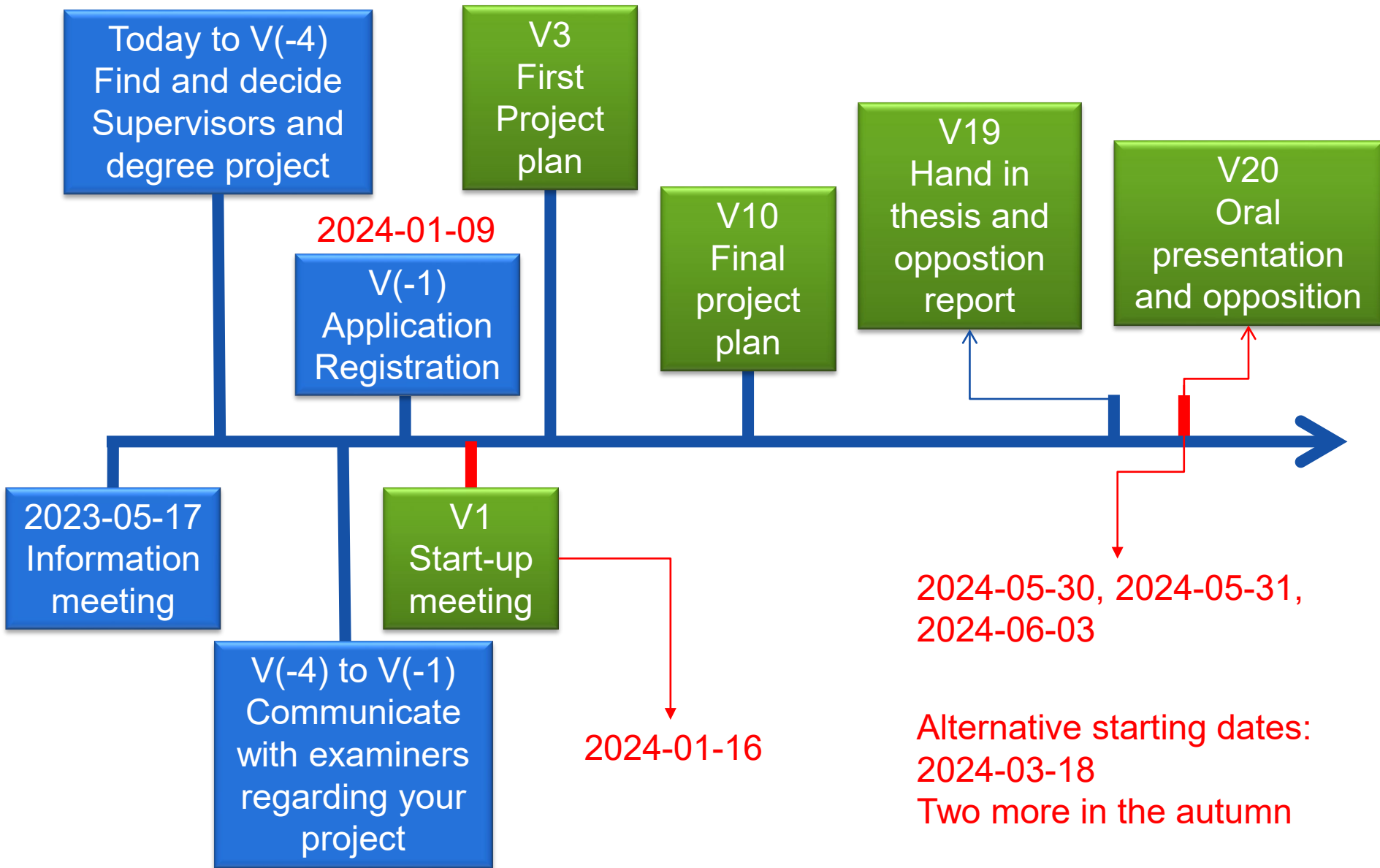


Role of examiner

- Verify that the student qualifies for the course
- Verify that the selected project is suitable as a master's degree project in biotechnology
- Register start of project and final grading
- Monitor and document the student's learning process
- Setting the formal grade (P/F)
- Help the student!



20 weeks of full-time effort





Application and Registration

Find all information and templates on Canvas!

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Application and Registration

1. Fill out “Part 1” of the application form "Application for degree project", signed by you and the school administration by Sara Sabrie Edzén, My Lönn, or Maria Orgmets at Teknikringen 50
https://intra.kth.se/polopoly_fs/1.577036!/UT-EXAR%20Ansökan%20om%20examensarbete%202016-11-14.pdf
2. Write a project synopsis (first verify with examiners that the subject is suitable as Biotechnology, and discuss confidentiality issues if applicable)
3. **Hand in signed application form "PART 1", transcript of records, and project synopsis to the examiners**
(2024-01-09)
4. Examiners fill out application form “PART 2”
5. Approved as a degree project by GA
6. Registration to the course by student office



Synopsis, should include:

- A project title
- A draft project description including the scientific question, the methods, and the expected outcome
- Contact information of KTH main supervisor
- If the project work is performed at organizations other than KTH: contact information of external supervisor
- In the case of confidentiality issues with the project, a detailed description of these issues should be included

A template is available on Canvas

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