

Guide for obligatory presentations of PhD project in ARCTOS colloquiums

To ensure that students get practice in presenting their work, and to encourage a true discussion about how to proceed, with constructive feedback and advice.

NB! Respect timing

1. Presentation (20 min talk + 10 min for questions and comments/advice)

- **Theoretical frame**
 - *Background*
 - *state of the art*
 - *knowledge gaps*
 - *objective*
 - *motivation*
- **Hypothesis**
- **Methodology**
- **Progress plan**
- **Identify difficult/challenging issues (practical or analytical) – ask for constructive feedback**

2. Presentation (first paper) (20 min talk + 15 min for questions and comments/advice)

- **Theoretical frame**
 - *Background*
 - *state of the art*
 - *knowledge gaps*
 - *objective*
 - *motivation*
- **Hypothesis**
- **Methodology**

➤ **Results**

- Which samples/data have been collected so far, and how did you analyse them?
- Do you need more samples/data to answer your question? Which ones (although maybe not in the original plan)?
- Are there more analyses (both methodological and/or statistical/mathematical) that would be useful to do (although maybe not in the original plan)?
- Do the current results answer your question? Which questions remain open? Which of these can be addressed in the last part of the PhD?

➤ **Preliminary conclusions/discussion**

➤ **Progress – deviations from original progress plan?**

Only for students that follow BIO-8504:

3. Presentation (45 min talk + 15 min questions and comments)

- **Full presentation of PhD thesis** – practice for defense.