Doctoral studies
40 credit degree structure

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**Dissertation**
- A dissertation must contain new scientific findings in its area of research
- Research methods and new research findings are to be presented clearly and they should withstand the scrutiny appropriate for scientific research
- A dissertation must follow good scientific practice
- Licentiate of Science in Technology –degree requires theoretical studies and a written licentiate thesis:
  - A licentiate thesis shall demonstrate good conversance with the field of research
  - A licentiate thesis shall demonstrate capability of independently and critically applying scientific research methods

**Research field**
- Studies in research field should support the writing of the thesis and prepare the students for research and other demanding work that requires expertise

**Scientific practices and principles**
- Studies prepare the student for scientific work and introduce him/her to applying and conveying scientific knowledge
- The module may also include pedagogical studies

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Aalto University
School of Science