

Outcomes for Doctoral Degree according to the Higher Education Ordinance – Annex 2 Qualifications Ordinance

A. Knowledge and understanding

To obtain a doctoral degree, the student is required to

- A1. demonstrate broad knowledge and systematic understanding of his/her research field as well as deep and current specialist knowledge in a particular aspect of this field; and
- A2. demonstrate familiarity with scientific methodology in general and with the methods of his/her specific field of research in particular.

B. Proficiency and ability

To obtain a doctoral degree, the student is required to

- B1. demonstrate a capacity for scientific analysis and synthesis and the independent critical review and assessment of new and complex phenomena, issues and situations;
- B2. demonstrate an ability to identify and formulate research questions critically, independently, creatively and with scientific rigour, and to plan and conduct research and other advanced tasks using appropriate methods and within given time frames as well as to review and evaluate such work;
- B3. demonstrate through the writing of a thesis the ability to make a significant contribution to the development of knowledge through his/her own research;
- B4. demonstrate an ability to present and discuss research and research results, orally and in writing and with authority, both in national and international contexts and in dialogue with the scientific community and society in general;
- B5. demonstrate an ability to identify the need for further knowledge; and
- B6. demonstrate an ability to contribute to the development of society and to support the learning of others in research, education and other advanced professional contexts.

C. Judgement and approach

To obtain a doctoral degree, the student is required to

- C1. demonstrate intellectual independence and scientific integrity as well as an ability to make ethical judgements in research; and
- C2. demonstrate deeper insight into the possibilities and limitations of science, its role in society and the responsibility of the individual in its application.