

## Doctor of Science

### 1. Application for enrolment:

An application for enrolment as a candidate for the degree of Doctor of Science must be —

- (a) in writing in the form prescribed by the Registrar; and
- (b) made to the Executive Dean through the Registrar; and
- (c) accompanied by —
  - (i) an outline of the material to be submitted for the degree; and
  - (ii) a list of all works published by the applicant; and
  - (iii) a statement of the applicant's contribution to a clearly identified field of science and achievements in research as reflected in the material to be submitted for the degree.

### 2. Doctor of Science Committee:

- (1) The Doctor of Science Committee is a joint committee of the Faculty of Biological and Chemical Sciences and the Faculty of Engineering, Physical Sciences and Architecture. The chairperson is appointed by the Executive Dean of the Faculty of Biological and Chemical Sciences after consultation with the Executive Dean of the Faculty of Engineering, Physical Sciences and Architecture. In addition to the chairperson, the committee consists of at least 4 members who must each hold the degree of Doctor of Philosophy. Unless both Executive Deans agree, 3 members are appointed by the Executive Dean of the Faculty of Biological and Chemical Sciences with the remaining member appointed by the Executive Dean of the Faculty of Engineering, Physical Sciences and Architecture. Members (including the chairperson) hold office for 2 years.
- (2) The Doctor of Science Committee may coopt an additional member for dealing with specified items of business.
- (3) The duties and responsibilities of the Doctor of Science Committee include —
  - (a) determination of the faculty and school in which the candidate will be enrolled;
  - (b) determination of whether an application is of sufficient merit, and otherwise satisfies criteria for eligibility, for the candidate to be accepted for enrolment;
  - (c) determination of the examiners of the submitted work;
  - (d) advising the relevant Executive Dean on award of the degree;
  - (e) advising the relevant Executive Dean on procedures to be employed in exceptional circumstances concerning particular candidates; and
  - (f) advising both Executive Deans of any matter of general policy relevant to the degree.

### 3. Qualification for admission:

A person may be admitted as a candidate if it is the opinion of a majority of the Committee that the material submitted is of sufficient merit, and if the person —

- (a) is a Bachelor of Science of this University of at least 7 years standing; or

- (b) is a graduate of this University of at least 7 years standing in a field other than science and has satisfied the Committee that the person —
  - (i) has adequate scientific training; and
  - (ii) has done or proposes to do work for the purpose of obtaining the degree in the field of science; or
- (c) has held from another tertiary educational institution for at least 7 years an award approved by the Committee for the purpose of these rules and the Committee is satisfied that the person —
  - (i) has had adequate scientific training;
  - (ii) has done or proposes to do work for the purpose of obtaining the degree in the field of science; and
  - (iii) has carried out or intends to carry out the work or a substantial part of the work associated with the candidature for the degree at this University or has otherwise such a connection with this University that in the opinion of the Committee the person should be accepted as a candidate.

#### **4. Period of enrolment:**

A candidate must be enrolled for a minimum period of 6 months immediately prior to the submission of the material for the award of the degree.

#### **5. Submission of material:**

- (1) A candidate's submission must provide evidence to the satisfaction of the committee of the candidate's scholarship and power of original research in a clearly identified field of science.
- (2) The material submitted by the candidate must constitute an original and important contribution to scientific knowledge and to this end the candidate must submit as prime evidence, published contributions to science but the submission may be accompanied by some unpublished material.
- (3) A candidate must —
  - (a) furnish a written statement indicating which portions are original work and which are not; and
  - (b) in the case of joint publications, state the extent of the candidate's own contribution; and
  - (c) indicate which portion, if any, of the work has previously been included in material submitted as a candidate for any other degree.
- (4)
  - (a) A candidate must lodge 4 copies of the material with the Executive Dean for submission to the Committee.
  - (b) Published papers must be neatly bound together and shall contain —
    - (i) a title defining the field; and
    - (ii) a statement required under rule 1(c)(iii); and
    - (iii) an indexed list of contents; and
    - (iv) a comprehensive introduction summarising the significance and impact of the papers and acknowledgement; and

- (v) where the candidate is a co-author, a statement of authenticity and a statement setting out fully the extent of the candidate's contribution.

## **6. Examination of material:**

- (1) After consulting with, and considering the recommendations of, the head of school, the Committee must appoint 3 examiners who are not staff members of the University.
- (2) The examiners may consult with each other but each examiner must report separately to the Committee, whether in the examiner's opinion, the material submitted by the candidate —
  - (a) represents an important contribution to the field of knowledge to which it relates; and
  - (b) is of sufficient merit for the award of the degree.
- (3) An examiner may question the candidate in writing through the Registrar about any aspect of the material which the examiner believes requires clarification. The Registrar must send a copy of the question and the candidate's answer to each examiner.
- (4) On the recommendation of an examiner and after consultation with the Committee, the Dean may require the candidate to take written or oral examinations.

## **7. Award of degree:**

A candidate who has fulfilled the requirements of these rules, whose work is of a standard that satisfies the Executive Dean acting on the advice of the Committee which has considered the reports of the examiners, and who has otherwise complied with all Statutes and applicable rules, may be admitted to the degree of Doctor of Science.