

SYJF [2023] No. 24 Attachment 2:

**Requirements of Shenzhen Institute of Advanced Technology,
Chinese Academy of Sciences for Scientific Research Achievements of
Graduate Students in Biology Discipline Group**

In order to further standardize the academic standards for the evaluation of dissertations, improve the academic level of dissertations and ensure the quality of graduate student training, these Requirements are hereby formulated.

Article 1 Before applying for a degree, the degree applicants must obtain academic achievements in accordance with the regulations of the biology discipline group.

Article 2 The biology discipline group should obtain (including accepted) academic achievements when applying for a degree:

1. To apply for a doctoral degree, one of the following conditions shall be met:

(I) Publish one research dissertation (excluding review) in an important academic journal in the relevant field as an independent first author (excluding the byline of the supervisor); or publish two research dissertations (excluding reviews) in important academic journals in relevant fields as co-first authors (co-first authors are limited to the first two, excluding the byline of the supervisor);

(II) The research results of the dissertation are innovative and independent, or have important application value, which are reviewed and approved by the doctoral dissertation defense committee, and recognized by the discipline working group and the academic degree committee of the training unit, and its level meets the requirements for the award of a doctoral degree.

2. To apply for an academic master's degree, one of the following conditions shall be met:

(I) Publish one research dissertation (including co-authors, excluding reviews) related to the subject in domestic core journals (including *Integration Technology*) or international journals or international conferences;

(II) The research results of the dissertation are innovative, or have certain application value, which are reviewed and approved by the master dissertation defense committee, and recognized by the discipline working group and the academic degree committee of the training unit, and its level meets the requirements for the award of a master's degree.

3. To apply for a master's degree, one of the following conditions should be met:

(I) Apply for two invention patents related to the discipline as the first inventor and obtaining an acceptance number, or publish one research dissertation (including co-authors, excluding reviews) related to the subject in domestic core journals (including *Integration Technology*) or international journals or international conferences;

(II) The research results of the dissertation are innovative, or have certain application value, which are reviewed and approved by the master dissertation defense committee, and recognized by the discipline working group and the academic degree committee of the training unit, and its level meets the requirements for the award of a master's degree.

Article 3 Supplementary provisions on the achievements of graduate students applying for academic degree:

Obtain the top five provincial and ministerial first-class scientific and technological achievement awards, or the second-class scientific and technological achievement awards with byline in the top three places, and the main achievements of the scientific and technological awards (the actual contribution of the main collaborators) are one of the core contents of their dissertations, which is equivalent to publishing the same number of research dissertations.

Article 4 The supervisor of the degree applicant is the first person responsible for the examination of his academic dissertations and patents, and the academic achievements of the applicant must be reviewed and approved by the supervisor before they can be published.

Academic dissertations published or accepted by degree applicants must be an important part of their dissertations, scientific research achievements independently completed by degree applicants under the guidance of their supervisors, with "Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences" as the first signature unit and the applicant as the first author (including co-first author). In addition, academic dissertations should also be by lined with "Shenzhen Institute of Advanced Technology, University of Chinese Academy of Sciences" or "University of Chinese Academy of Sciences" in the name of the cooperative unit.

Article 5 If an academic dissertation published by a state-sponsored joint graduate student during his study abroad is one of the academic dissertations applied for the degree, the applicant must be the first author, and the dual identity of the author should be clearly indicated. That is, it shall be by lined with "Visiting graduate students from a foreign university or research institution" and "Graduate student in Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences". In addition, the cooperative unit and Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences are the author's units.

Article 6 Various supervisors may put forward higher requirements according to the actual situation, but he must inform the students at the time of admission and include them in his training plan.

Article 7 These Regulations will be implemented in batches from the summer of 2022.

Article 8 The right to interpret and modify these Regulations belongs to the biology discipline working group.