

**Requirements of Shenzhen Institute of Advanced Technology,  
Chinese Academy of Sciences for Scientific Research Achievements of  
First-level Discipline of Control Science and Engineering**

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

**Article 1** Before applying for a degree, the degree applicants must obtain scientific research achievements in accordance with the regulations of the first-level discipline of control science and engineering.

**Article 2** Before applying for a doctoral degree, graduate students should meet one of the following conditions:

(1) Publish two (including accepted) academic dissertations related to the discipline as the first author in mainstream journals (non-warning journals<sup>1</sup> recognized by the supervisor) in the field of this discipline;

at least one of the dissertations has been officially published, and at most one of the dissertations has been published as the co-first author, and the dissertation can only be used by one student to apply for degree defense at most.

(2) Those who have made important research achievements in the field of discipline and made outstanding contributions to the field of discipline may apply for doctoral degree after being reviewed and approved by the discipline group committee.

**Article 3** Before applying for an academic master's degree, graduate students should meet one of the following conditions:

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<sup>1</sup> Non-warning journals identified by the supervisor: the supervisor shall clearly inform the students of the scope of the qualified journals in writing or by mail before the students enter SIAT or open the topic. Where there is a dispute over the identification, the application can be submitted to the discipline group for consideration.

Publish a dissertation related to the discipline in a domestic corejournal or an international conference as the first author.

**Article 4** The supervisor of the degree applicant is the first person responsible for the review of his academic dissertations and patents, and the academic dissertations 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 (or the second author after his supervisor). In addition, the byline of the second or third cooperative unit should be "University of Chinese Academy of Sciences" or "Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences".

**Article 5** 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 6** If an academic dissertation published by a state-sponsored joint Ph.D. student during his study abroad is one of the academic dissertations applied for the doctoral degree of Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, the applicant must be the first author, and the dual identity of the author should be clearly indicated. That is, visiting graduate students from a foreign university or research institution, shall be bylined with "Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences" or "University of Chinese Academy of Sciences".

**Article 7** The scientific research achievements of this discipline are required to be implemented from the application for degree batches in the summer of 2022.

**Article 8** The right to revise and interpret the requirements of scientific research achievements of this discipline belongs to the working group of control discipline.