

**Xiamen University Doctoral Program in Computer Science and Technology  
at School of Information Science and Technology**

**1. Name of Programs:**

Doctoral Program in Computer Science and Technology

**2. Degree awarded:**

Doctor of Engineering

**3. Duration:**

4 years

**4. Program Objective:**

The graduate program in Computer Science and Technology provides students the knowledge of how the various computing systems are organized, and the principles that are used to create and apply computing to the wide scope of applications. The postgraduates will be taught and supervised to master the fundamentals of and in-depth insights into the state-of-the-art research issues in chosen fields. The skills in research and development will be trained through research activities while those of vital and precious qualities of personal and professional success, such as sharp and logical thinking, the ability to communicate clearly and act coherently with others, will also be cultured. The computer science and technology programs at our department prepare postgraduates the substantial abilities for success in their professional lives.

**5. Academic Courses (Compulsory or Optional):**

Selected Issues on China, Rudiments of Chinese Language, Introduction to the Theory of Computation, Machine Learning, The Theory of Computational Complexity, Computer Vision, Data Science Basic, Advances in Video Analysis, Computational Linguistics, Approximation Computation, Data Mining and Analysis, Information Security, Pattern Recognition, Multimedia Technology

**Note: These courses are subject to changes without prior notice.**

**6. English Proficiency Requirement:**

Applicants should score 80 or above in TOEFL, or alternatively, score 6.0 or above in IELTS. In case that one cannot provide either, other internationally recognized and equivalent certificate may also be sufficient. Native English speakers are exempted from this requirement.

**7. Contact information**

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The contact information of doctoral supervisors in English-medium doctoral programs is available at <http://admissions.xmu.edu.cn/0e/d7/c16884a331479/page.htm> .