






# NATIONAL PINGTUNG UNIVERSITY

## INTERNATIONAL PHD PROGRAM OF APPLIED SCIENCE OF COLLEGE OF SCIENCE



### About the Program

The International PhD Program of Applied Science (IPPAS) of College of Science is designed to cultivate outstanding researchers and professionals. Research areas include :

-  Quantum Technology, Electro-optics Thin Films and Nano Materials
-  Biocompatible Materials, Structural Chemistry and Green Chemistry
-  Science Communication and Education
-  Applied Mathematics, Statistics and Analysis
-  Credits required for graduation is 28 credits, at least 18 courses credits must be fulfilled (not including special topics, 4 credits, and thesis, 6 credits). All courses will be lectured in English.

For more information about IPPAS program, please visit our website :

<http://www.oia.nptu.edu.tw/files/11-1014-10956-1.php?Lang=en>

### Application Deadlines

## March 31, 2021

(Applications received after January 15 may not be considered for all scholarship programs and will be considered only if funds remain)

### Application Approval

Reviewing process will be no longer than 1 month. Once accepted, you will receive a letter of admission.

### Admission Criteria

One photocopy of your highest education diploma and transcripts.

Either one of the English proficiency documents is required, including TOEIC, TOFLE, IELTS...etc.

Please visit our website for more information.

### Prospective Students

International students whose native languages are not Chinese.

### Enrollment Date

## September 2021, for 2021 Fall semester.

### Apply Now

Online Application

<http://www.oia.nptu.edu.tw/files/11-1014-10954-1.php?Lang=en>



### Contact Information

The College of Science  
sci@mail.nptu.edu.tw

The Office of International Affairs  
oia@mail.nptu.edu.tw



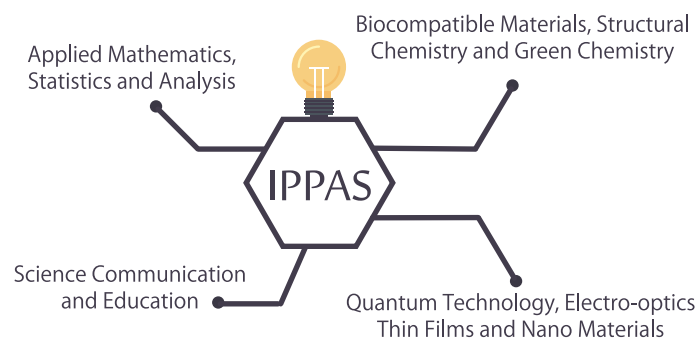
## IPPAS

Professional Practice,  
Innovative Technology,  
and International Cooperation

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- *PROFESSIONAL PRACTICE* -
- *INNOVATIVE TECHNOLOGY* -
- *INTERNATIONAL COOPERATION* -

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國立屏東大學

National Pingtung University

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National  
Pingtung  
University

International PhD Program of Applied Science  
College of Science

## Why IPPAS?

The Functional Material Research Center (FMRC) in the College of Science integrates research and development (R&D) capabilities of all departments to support interdisciplinary education and research on semiconductor materials and biocompatible materials. FMRC aims to achieve research excellence.

The College of Science establishes academic-industrial collaboration with prestigious enterprises in Taiwan and overseas. We encourage students to participate in off-campus internships and gain practical in-depth experience.

To cultivate outstanding R&D talents for high-tech industry, we mobilize international academic exchange programs and offer competitive, practical, and professional courses.

## Areas of Study

 Applied Physics

 Applied Chemistry

 Science Communication

 Applied Mathematics

## Faculty

Program Director: Dr. Chun-Rong Lin

- Professors of the Department of Applied Physics in Quantum Technology, Electro-optics, Thin Films and Nanomaterials.
- Professors of the Department of Applied Chemistry in Biocompatible Materials, Structural Chemistry, and Green Chemistry.
- Professors of the Department of Science Communication in Science Education and Communication.
- Professors of the Department of Applied Mathematics in Analytical Statistics Combinatorics and Game Theory.

## Curriculum

The IPPAS program aims to cultivate talents whose specialties focus not only on the application-oriented theory and technology, but also the capabilities of design and practical thinking. Students of the IPPAS program can choose one major field and, at the same time, choose courses in other fields to broaden and strengthen their professional knowledge and skills as well as to establish a solid foundation for future development through our collaborative projects closely integrated with the needs of domestic and foreign academies and industries.

## Future Development

It is an excellent pathway for junior lecturers of our sister schools in Southeast Asia to pursue a PhD degree in IPPAS of NPTU. Graduates of the IPPAS program will be expected to specialize in cross-field scientific research and technological applications, and be competitive on the job markets in various areas. In addition to the purpose of cultivating students' interdisciplinary professional capabilities in scientific research and applications, the IPPAS program also develops students' R&D capabilities and global mobility during their studies at NPTU. Bridging the academy and industry, the College of Science has established good cooperative relationships with the Tainan Science Park, Luzhu Science Park, Kaohsiung Software Technology Park, and many industries in Southeast Asia, allowing our graduates to outreach the world. Many career opportunities will be available for our graduates including teaching positions in the Universities, technical developers in the R&D section of industries and many other possibilities.

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# IPPAS