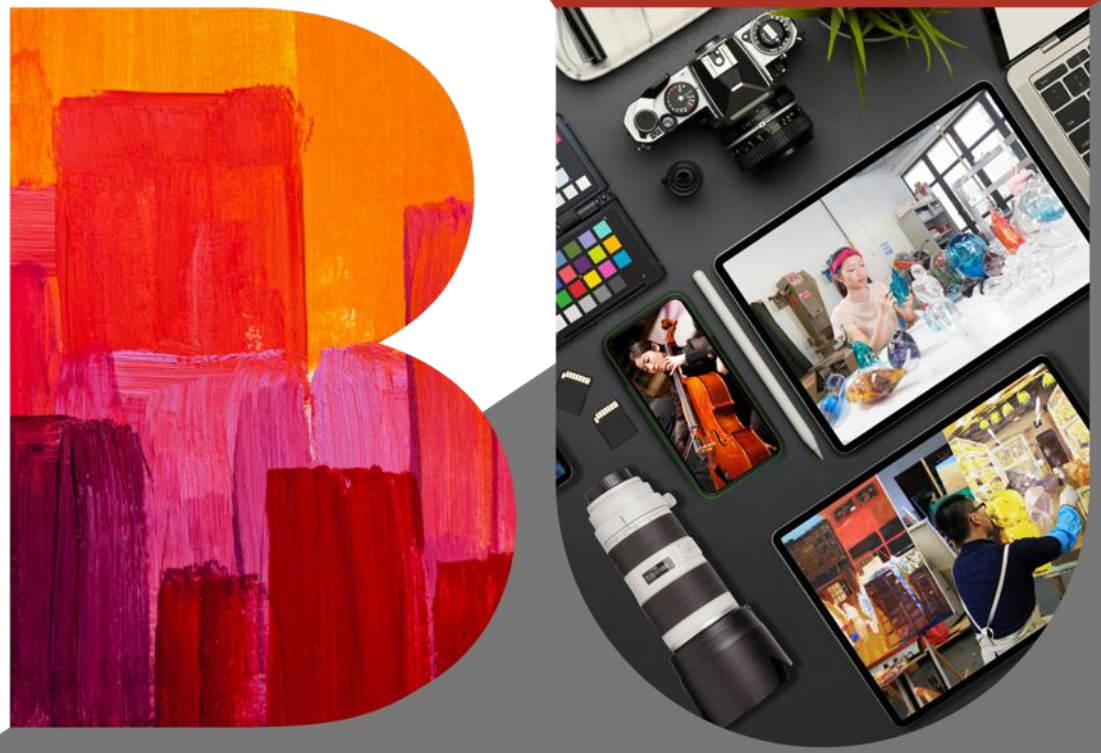
香港浸會大學
HONG KONG BAPTIST UNIVERSITY

Welcome Aboard!

Institute of Transdisciplinary Studies (ITS)
Project-based Doctoral Training Programme



3 Sep 2025

Today's Rundown

Welcome to ITS

Introduction to the ITS Programme and the Project-based Doctoral Research Training

Prof King-Ho CHEUNG

Executive Associate Dean
Graduate School cum
ITS Programme Director

Briefing on the University's Transdisciplinary Research

Prof Johnny M POON

Associate Vice-President
(Interdisciplinary Research)

Student Sharing cum Q&A Session

University's Transdisciplinary Research

Prof Johnny M POON

Associate Vice-President

(Interdisciplinary Research)

ITS Project-based Doctoral Training Programme

Student	Principal Supervisor	Research Clusters
FENG Xiao	Prof HAN Bo (SCI/COMP)	Health and Drug Discovery
JIANG Weiwei	Prof KWAN Hiu Yee (SCM/CMTR)	Health and Drug Discovery
JIANG Yuhao	Prof WANG Shu-Jen (SCI/PHYS)	Health and Drug Discovery
LU Yingjie	Prof WAN Renjie (SCI/COMP)	Data Analytics and Artificial Intelligence in X
MA Hao	Prof XU Jianliang (SCI/COMP)	Data Analytics and Artificial Intelligence in X
MA Rui	Prof ZHOU Changsong (SCI/PHYS)	Health and Drug Discovery
WANG Chuan	Prof NG Kwok Po (SCI/MATH)	Data Analytics and Artificial Intelligence in X
WANG Lewen	Prof WANG Jun (SCI/CHEM)	Health and Drug Discovery
WONG Tak Shun	Prof WANG Shu-Jen (SCI/PHYS)	Health and Drug Discovery
ZHAO Yangyi	Prof WAN Renjie (SCI/COMP)	Data Analytics and Artificial Intelligence in X

Principal Supervisors (AY2025/26)

Prof HAN Bo
Department of Computer Science

Prof KWAN Hiu Yee
Chinese Medicine – Teaching and Research Division

Prof NG Kwok Po
Department of Mathematics

Prof WAN Renjie
Department of Computer Science

Prof WANG Jun
Department of Chemistry

Prof WANG Shu-Jen
Department of Physics

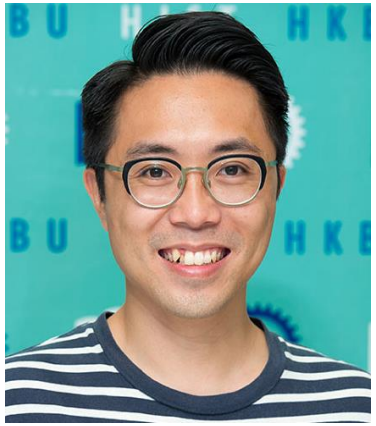
Prof XU Jianliang
Department of Computer Science

Prof ZHOU Changsong
Department of Physics

Speakers of ITS7010 (AY2025/26)

Prof ALONSO TRILLO Roberto
Academy of Music

Prof CHEUNG Kwok Wai
Department of Computer Science



Prof KWONG Chi Man
Academy of Chinese, History, Religion and Philosophy

Prof LI Yupeng
Department of Interactive Media

Prof PARKER David
Department of Chemistry

Prof ZHANG Ge
Chinese Medicine – Teaching and Research Division

ITS Programme and Project-based Doctoral Research Training

Prof King-Ho CHEUNG

Executive Associate Dean

Graduate School cum

ITS Programme Director

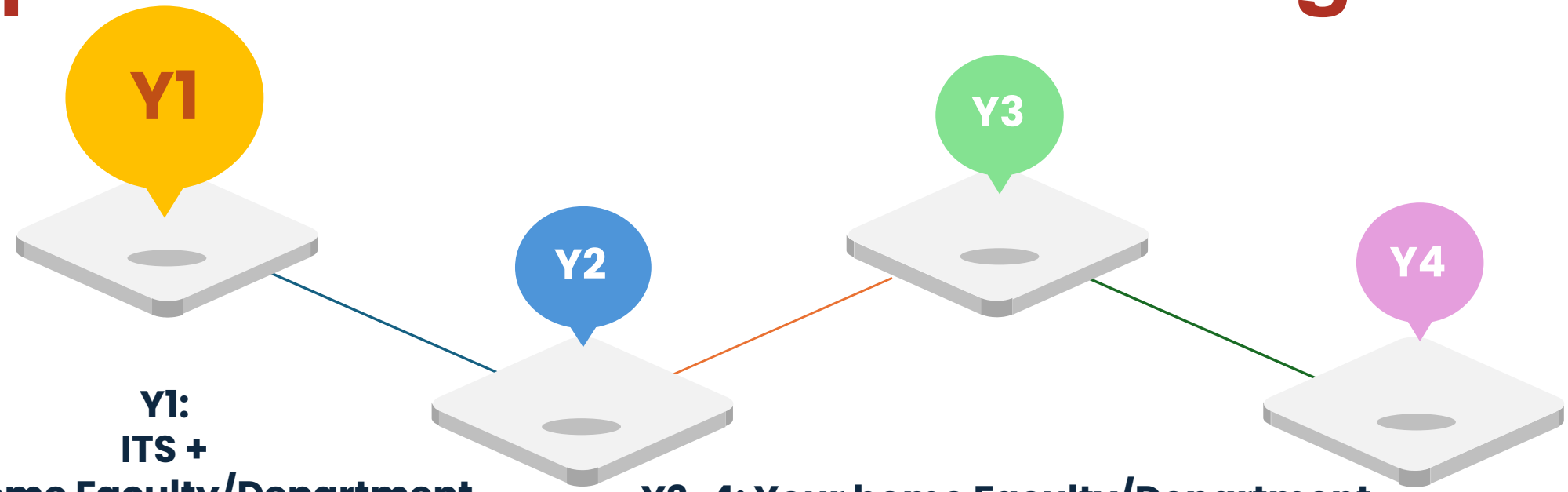
ITS Project-based Doctoral Research Training

- Students admitted under the ***PhD Transdisciplinary Research Scholarship Scheme*** will be hosted under the **ITS** in their **first year** of study.
- ITS students receive practical and intensive **research training in transdisciplinary research projects** during the first year of doctoral study.
- For details, please refer to the course document.

- The one-year ***Project-based Doctoral Research Training*** covers the following:

1. Participation in **introductory lectures and research seminars**
2. Identification of **research topics/ questions** via literature review, etc. , and write a **research plan/proposal** detailing the research question
3. **Oral presentation** on the research data and results
4. Production of **publishable research output** delivered in the form of:
   - ✓Peer-reviewed journal article
   - ✓Conference proceeding
   - ✓Conference paper

Important Features of ITS Programme



Y1: ITS + Your home Faculty/Department

- Courses offered by ITS (pre-registered): ITS7010, ITS7020, ITS7031, and ITS7032

	Sem 1	Sem 2
ITS Doctoral Research Training	ITS 7010	ITS 7020
ITS Research Seminar	ITS 7031	ITS 7032

- Other courses- registration required via your home faculty/department

Y2-4: Your home Faculty/Department

- Follow your home department's coursework and graduation requirements

Contact for Y1 – Y4 non-ITS programme-related matters:	
• non-ITS courses • study leave/annual leave applications • budget and reimbursement (stage 1&2) • Other non-ITS related matters	**Your home faculty/ department**

1st Semester, Year 1

ITS7010 ITS Doctoral Research Training I (6 Lectures)
ITS7031 Research Seminars (5 Seminars)

Submit and Present
Research Proposal

Sep

1 Sep 2025
First semester begins

Oct

Nov

Dec

Jan

10 Jan 2026
First semester ends

*The exact schedule for 1st Semester is to be announced.

2nd Semester, Year 1

ITS7020 ITS Doctoral Research Training II
(2 Oral Presentation sessions)
ITS7032 Research Seminars (3 Seminars)

Submit Manuscript/ Publishable Research Output

Submit Critique / Assignment

Jan

12 Jan 2026
Second semester begins

Feb

Mar

Apr

May

Jun

15 Jun 2026
Second semester ends

*The exact schedules in 2nd Semester are to be announced.

Course Schedule

Sem 1: ITS7010

Date	Time	Venue	Speaker (Affiliated Dept)	Research Cluster
10 Sep 2025 (Wed)	10:30 – 12:30	WLB107	Prof LI Yupeng (IMD)	DAAI
8 Oct 2025 (Wed)	14:30 – 16:30	WLB107	Prof KWONG Chi Man (CHRP)	HC
15 Oct 2025 (Wed)	14:30 – 16:30	WLB107	Prof PARKER David (CHEM)	HDD
5 Nov 2025 (Wed)	14:30 – 16:30	WLB106	Prof ALONSO TRILLO Roberto (MUS)	CMP
19 Nov 2025 (Wed)	14:30 – 16:30	RRS903	Prof ZHANG Ge (CMTR)	HDD
24 Nov 2025 (Mon)	14:30 – 16:30	WLB109	Prof CHEUNG Kwok Wai (COMP)	DAAI

Sem 2: ITS7020

Oral Presentations
Please stay tuned for further updates (from ITS webpage or its@hkbu.edu.hk)

CMP: Creative Media/Practice
HDD: Health and Drug Discovery
DAAI: Data Analytics and Artificial Intelligence in X
HC: Humanities and Cultures

Course Schedule

Sem 1: ITS7031

Date	Time	Venue	Speaker
22 Sep 2025 (Mon)	14:30 – 16:30	WLB107	Prof HAN Bo (COMP)
29 Sep 2025 (Mon)	14:30 – 16:30	WLB107	Prof WANG Shu-Jen (PHYS)
13 Oct 2025 (Mon)	14:30 – 16:30	WLB107	Prof LI Yupeng (COMP)
27 Oct 2025 (Mon)	14:30 – 16:30	WLB107	Prof WANG Jun (CHEM)
10 Nov 2025 (Mon)	14:30 – 16:30	WLB107	Prof KWAN Hiu Yee (CMTR)

Sem 2: ITS7032

Date	Time	Venue	Speaker
20 Jan 2026 (Tue)	14:30 – 16:30	WLB107	Prof WAN Renjie (COMP)
27 Jan 2026 (Tue)	14:30 – 16:30	WLB107	Prof NG Kwok Po (MATH)
3 Feb 2026 (Tue)	14:30 – 16:30	WLB107	Prof ZHOU Changsong (PHYS)

Course Introduction

ITS 7010 **ITS Doctoral Research Training I**
ITS 7020 **ITS Doctoral Research Training II**

3+3 units

Aims & Objectives

- To enhance students' research knowledge, as well as language, writing, presentation, analytical skills and other soft skills, laying a solid foundation for future research journey.

Activities

- Attend lectures on different research areas and topics
- Conduct research literature reviews
- Engage in the transdisciplinary research projects to identify research topics
- Formulate research proposal (1st Semester)
- Produce publishable research output and give an oral presentation (2nd Semester)

Notes:

1. ITS7010 is the prerequisite of ITS7020
2. ITS7010 + ITS7020 can fulfil the Research Methodology course requirement

HONG KONG BAPTIST UNIVERSITY

1. **COURSE TITLE**
ITS Doctoral Research Training I and II

2. **COURSE CODE**
ITS 7010 & ITS 7020

3. **NO. OF UNITS**
3 + 3 units

4. **OFFERING DEPARTMENT**
Institute of Transdisciplinary Studies (ITS)

5. **PREREQUISITES**
ITS7010 is the prerequisite for the second semester components

6. **MEDIUM OF INSTRUCTION**
English

7. **AIMS & OBJECTIVES**
The course aims to provide students with practical and intensive research training by involving them in transdisciplinary research projects during the first year of doctoral study. With the project-based doctoral research training, apart from research knowledge, their language, writing, presentation, analytical skills and other soft skills will also be enhanced which will lay a solid foundation for the students' future research journey.

8. **COURSE INTENDED LEARNING OUTCOMES (CILOS)**

CILO	By the end of the course, students should be able to:
	Knowledge
1	Master research methodologies, research ethics and entrepreneurship by a comprehensive review on relevant literature
	Research Review and Planning
2	Evaluate existing regimes and develop original research insights
	Professional Skills
3	Apply a variety of skills, such as language, writing, presentation, planning, organisation and time-management skills for preparing research proposals
4	Communicate and exchange ideas on transdisciplinary research with various audience
5	Take an autonomous initiative in the acquisition of new or advanced knowledge

10. **ASSESSMENT METHODS (AMS)**

First semester: ITS Doctoral Research Training I
An outcome-based approach will be adopted for the course assessment:

No.	Assessment Methods	Weighting	CILOs to be addressed	Description of Assessment Tasks
1	Participation and Reflection of Introductory Lectures	20%	1, 2, 3	Assessment will be based on the level of participation in the six Introductory Lectures offered by the Transdisciplinary Research Labs and the lecture reflections submitted
2	Identification of Research Topic/ Questions	40%	1, 2, 3, 5, 6	Assessments will be based on a short paper on the research background, literature review and rationale of the research; regular meetings with the Project Mentor to identify their research topics.
3	Research Plan/ Proposal	40%	1, 2, 3, 5, 6	Assessment will be based on a written research plan/proposal detailing the research question and short oral presentation to provide details to the research plan.

Second Semester: ITS Doctoral research Training II
Prerequisite: ITS Doctoral Research Training I

No.	Assessment Methods	Weighting	CILOs to be addressed	Description of Assessment Tasks
1	Research Result/ Output	50%	1, 2, 3, 4, 5	Assessment will be based on: an oral presentation of the research data and result/ outputs at a seminar which is open to the University community; a first draft of the research output after receiving comments on the oral presentation.
2	Publishable Research Output	50%	1, 2, 3, 6	Assessment will be based on the submission of the manuscript/ publishable research output to relevant journals/recognised outputs.

Course Introduction

ITS 7031
ITS 7032

ITS Research Seminars

0.5+0.5 units

Aims & Objectives

- The ITS Research Seminars provide a platform for students to communicate and exchange ideas on transdisciplinary research, which will inspire and facilitate their future research works.

Activities

- Attend and involve in seminars
- Submit critiques or other assignments

Notes:

1. ITS7031 + ITS7032 can fulfil the Research Seminars course requirement

HONG KONG BAPTIST UNIVERSITY

1. **COURSE TITLE**
   ITS Research Seminars

2. **COURSE CODE**
   ITS 7031 and ITS7032

3. **NO. OF UNITS**
   1

4. **OFFERING DEPARTMENT**
   Institute of Transdisciplinary Studies (ITS)

5. **PREREQUISITES**
   Nil

6. **MEDIUM OF INSTRUCTION**
   English

7. **AIMS & OBJECTIVES**
   The Project-based Doctoral Research Training aims to provide students with practical and intensive research training by involving them in transdisciplinary research projects during the first year of doctoral study. The ITS Research Seminars provide a platform for students to communicate and exchange ideas on transdisciplinary research which will inspire and facilitate their future research works.

8. **COURSE INTENDED LEARNING OUTCOMES (CILOS)**

CILO	By the end of the course, students should be able to:
	Research Review and Planning
1	Evaluate existing regimes and develop original research insights
	Professional Skills
2	Communicate and exchange ideas on transdisciplinary research with different audience through organising and participating in research seminars
3	Take an autonomous initiative in the acquisition of new or advanced knowledge

9. **TEACHING & LEARNING ACTIVITIES (TLAS)**

CILO No.	TLAs
CILO 1, 2, 3	Students will attend and involve in seminars designed by the lecturers. They are also required to write critiques for the seminars.

10. **ASSESSMENT METHODS (AMS)**
    Semester 1-2

Type of Assessment Methods	Weighting	CILOs to be addressed	Description of Assessment Tasks
Presentations	50%	1, 2	The formats of each seminar are decided by the lecturers. In general, presentations are organized to facilitate discussions on transdisciplinary topics. Either the lecturers or invited guest speakers, and/or students can give presentations followed by Q&A sessions. If presentations are given mainly by the lecturers or guest speakers, student performance will be assessed by their participations (*i.e.*, questions raised during the Q&A sessions, use of language and participations in the discussions of the sessions). If students are required to give their own presentations, they will be assessed based on the content (*i.e.* research questions, hypotheses, objectives, methods, results and discussion), presentation style (*i.e.* clarity, organization and use of language), the use of visual aids and answers to the questions raised by the audience.
Critiques	50%	2, 3	Students are required to write critiques for the sessions required by the respective lecturers. Critiques will be graded based on the content, writing style and soundness.

Notes for Principal Supervisors

<table>
<tr><td>Course Title</td><td colspan="2">ITS Doctoral Research Training I & II</td><td colspan="2">ITS Research Seminars</td></tr>
<tr><td>Semester
(Course Code)</td><td>Sem 1
(ITS7010)</td><td>Sem 2
(ITS7020)</td><td>Sem 1
(ITS7031)</td><td>Sem 2
(ITS7032)</td></tr>
<tr><td rowspan="3">Responsibilities of PS</td><td colspan="2">• Engage your student in the proposed transdisciplinary research project.
• Have regular meetings with your students.</td><td colspan="2">• Provide a research seminar for the ITS students within the AY 2025/26.
• Arrange assignment(s).</td></tr>
<tr><td>• Guide your student to formulate a research proposal in which the student will need to give an oral presentation.</td><td>• Guide your student to produce a publishable research output in which the student will need to give an oral presentation.</td><td colspan="2" rowspan="2">• Assess students’ performance and assignments in your seminar and submit grades to the GS.</td></tr>
<tr><td>• Assess your student’s research proposal and submit a grade to the GS.</td><td>• Assess your student’s publishable research output and submit a grade to the GS.</td></tr>
</table>

Notes for Invited Speakers

Course Title	ITS Doctoral Research Training I
Semester (Course Code)	**Sem 1 (ITS7010)**
Invited Speakers	• Distribute relevant course materials to students via Moodle. The confirmed student lists and user rights on Moodle will be ready by the 1st week of September.
	• Set the submission guidelines for the assessment task: Participation and Reflection of Introductory Lectures (20%) (see page 3 of the attached course document). The suggested due date for students to submit the assessment task is within 2 weeks after the lecture.
	• Assign grades (satisfactory or unsatisfactory) to the assessment task mentioned above and return the grades to ITS within 4 weeks after the lecture.

Notes for Students

Procedure for Application for Study Leave (Non-local International Research Learning Experience) during the 1st year of studies

Application Submission: Apply via BUniPort and include all supporting documents.

Principal Supervisor Approval: Print the study leave page after receiving approval from your Principal Supervisor via BUniPort.

Department and Faculty Endorsement: Emailed the printed page along with the supporting documents to the Department and Faculty for endorsement.

Final Review and Approval: Send the endorsed documents to the Graduate School for approval from the ITS Programme Director and the Graduate School.

Useful Resources

01

Graduate School

http://gs.hkbu.edu.hk/

02

Student Handbook for RPg Students

https://gs.hkbu.edu.hk/handbook/handbook-for-research-postgraduate-students

03

University Student Handbook

https://ar.hkbu.edu.hk/student-services/useful-information/publications

Useful Resources

04

Academic Calendar 2025/26

https://ar.hkbu.edu.hk/student-services/useful-information/publications

05

ITS Webpage

https://gs.hkbu.edu.hk/page/detail/3358

06

ITS Email Contact

its@hkbu.edu.hk

Student Sharing cum Q&A Session

HKBU

Thank You!

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