

FYP/FYT 2020-2021 Information Seminar

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Overview of https://www.cse.ust.hk/ug/fyp/?fyp_year=2020-2021

Visit the web pages for details



Final Year Projects/Final Year Theses (COMP/CPEG/DSCT) 2020-2021

[Deadlines](#)

[Grading Scheme](#)

[Computing Facilities for FYP](#)

[FAQ for Students](#)

[Useful Links](#)

FYP/FYT 2019-2020

Date	Event	Notes
2020-04-22 (Wednesday), 6-7pm	Information Seminar	Attend 2020-21 FYP/FYT Information Seminar scheduled to be held on 22 April 2020 (Wednesday), 6-7pm via Zoom Meeting: https://hkust.zoom.us/j/869153188 . Check out Group Mates Finders if you are looking for group mates for your FYP.
2020-04-24 (Friday), 0:01am	Project Descriptions Released to Students	See the list of projects . Sign into the FYP Management System for the details of the project/thesis descriptions. See also industrial projects . Check out Before Starting and Getting Started with Your FYP , prepared by the communication tutors . Get familiar with the Computing Facilities for FYP .
2020-04-28 (Tuesday), 0:01am	Project Registration Opens	Choose a project/thesis by registering online. Note that you are committed to an FYP/FYT once your request is accepted. The earlier you make the commitment between you and the project advisor, the better your chances are of getting your favorable project. You may check FAQ for details.

Final year projects (FYP) and final year theses (FYT) are

- ▶ **Required** for COMP, CPEG, COGBM and CPGBM
- ▶ **Optional** for DSCT and COSC.



The objectives of FYP/FYT are to:

- ▶ Provide an opportunity for the student to **apply and integrate the knowledge** acquired throughout his/her undergraduate study.
- ▶ Develop the **capabilities** of a student in analyzing and **solving complex** and possibly real-case **problems**.
- ▶ Develop a student's **skills** in the systematic development, **documentation** and **presentation** of a significant piece of work.

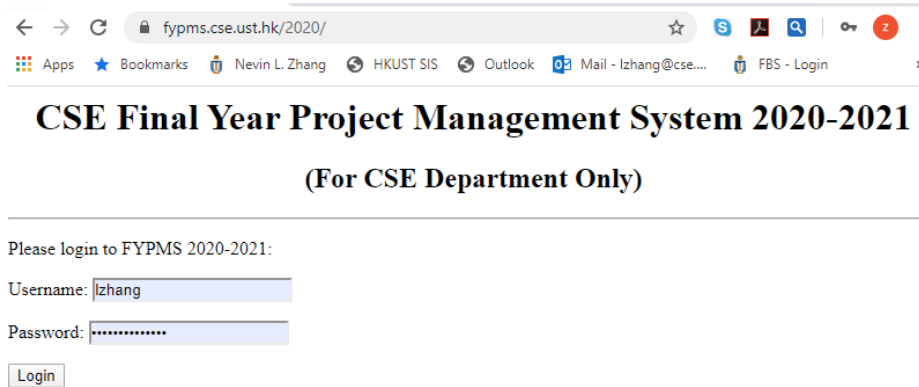


FYP vs FYT

- ▶ FYT is an **option** for students with CGA of **at least 3.70 (A-)**
 - ▶ Each FYT project is a research project for **one student**
- ▶ Each FYP project is for **2 ~ 4 students**
 - ▶ One-person projects are not allowed
- ▶ FYP and FYT are year-long courses:
 - ▶ Three semesters: **Summer 2020, Fall 2020, Spring 2021.**
 - ▶ 6 credits (1, 2, 3) distribution. PP grade will be given in the first two semesters



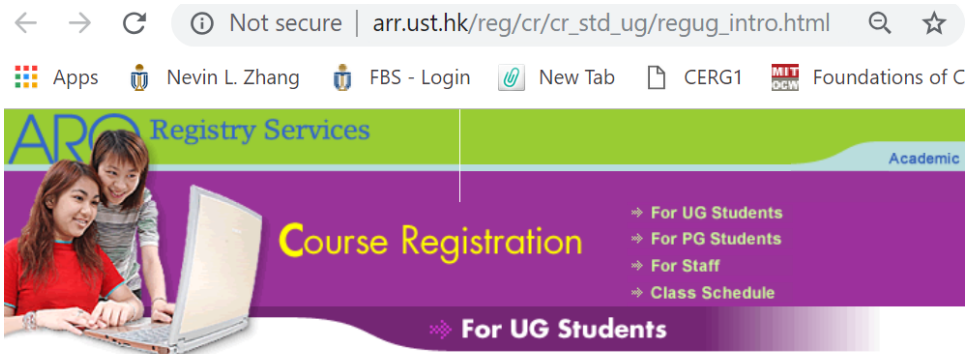
One Project, Two Systems



A screenshot of a web browser showing the login page for the CSE Final Year Project Management System 2020-2021. The browser address bar shows the URL 'fypms.cse.ust.hk/2020/'. The page title is 'CSE Final Year Project Management System 2020-2021 (For CSE Department Only)'. Below the title, it says 'Please login to FYPMS 2020-2021:'. There are two input fields: 'Username: lzhang' and 'Password:'. A 'Login' button is located below the password field.

Project Management

- ▶ Form team
- ▶ Bid for project
- ▶ Submit reports
- ▶ Check grades and feedback



A screenshot of the ARQ Registry Services website. The page title is 'ARQ Registry Services' and the sub-header is 'Academic'. The main heading is 'Course Registration'. Below the heading, there are four links: 'For UG Students', 'For PG Students', 'For Staff', and 'Class Schedule'. A banner image shows two students looking at a laptop. The text 'For UG Students' is highlighted in a purple box.

[Introduction](#)

[Class Enrollment Schedule](#)

[Course and Program](#)

[Important Concepts](#)

[FAQ](#)

Introduction

Class enrollment of undergraduate students is processed with the web-based Student In

The main system functions include the following:

- Students can view their own class timetable

Course Registration

- ▶ COMP 4981/4981H
- ▶ CPEG 4901/4902
- ▶ LANG 4030

Things to Do Right Away

- ▶ Form your team
 - ▶ Check out [Group Mates Finders](#) if you are looking for group mates for your FYP.

- ▶ Try to login to FYP MS
 - ▶ All COMP, CPEG, DSCT, COSC, COGBM and CPGBM students who are expected to do fyp in 2020-21 are included in <https://fypms.cse.ust.hk/2020/>.
 - ▶ Messages you will get when you try to login:
 - ▶ “System is not available”: Normal.
 - ▶ “No account”: Contact FYP Coordinator (lzhang@cse.ust.hk)
 - ▶ “Incorrect password”: Contact CS system (cssystem@cse.ust.hk)

Things to Do Soon

- ▶ 2020-04-24, 00:01am and onwards:
 - ▶ Check projects at the FYP Management System
 - ▶ Approach project supervisors for more information and express interest
- ▶ 2020-04-28, 00:01am and onwards:
 - ▶ Bid for projects at FYPMS
 - ▶ Supervisors can commit projects any time after April 28.
 - ▶ When you bid for a project, you are making a commitment to undertake the project. This is the case regardless of the priority that you assign to it.
 - ▶ The priority only matters if the supervisor decides to contact you before committing. However, some supervisors might not do that
 - ▶ **Once committed, a project cannot be uncommitted without mutual consent.**

Course Registration

▶ General cases

- ▶ Students who have committed a project/formed a team in FYPMS **by the end of this semester** will be **pre-enrolled** in the fyp/fyt courses in Summer 2020-2021, Fall 2020-2021, Spring 2020-2021.
- ▶ Uncommitted students will be assigned, somewhat randomly, to projects in **June 2020**, and will need to handle course enrollment themselves.

▶ Students on internship or exchange-out

- ▶ Will be addressed later

Things to Do over Next Year

- ▶ Summer 2020: Get started with your project
- ▶ 2020-09-18: Project proposal report due
- ▶ 2020-10-23: Individual ethics essay due
- ▶ Monthly reports: October, November, December/January
- ▶ 2021-02-12: Progress report due
- ▶ 2021-04-14: Final report & other reports due
- ▶ 2022-04-22: Poster due
- ▶ 2021-04-24/05-01: Oral presentation and demo (physical presence is required)
- ▶ 2021-05-03: Program code due

What is the grading scheme?

- ▶ Your project will be graded by your **supervisor**, an independent **second reader**, and **a communication tutor**.
- ▶ 100% Course grade = 60% Supervisor + 40% Reader

Grading Items	Faculty Supervisor Weight 60%	Second Reader Weight 40%
Proposal Report	5%	5%
Individual Short Essay	5% (By Comm Tutor)	NA
Progress Report	20%	15%
Final Report	35%	35%
<ul style="list-style-type: none">• Oral Presentation + Demo (FYP)• Thesis Defense (FYT)	30%	40%
Monthly Report (Oct,Nov,Dec/January)	5%	NA
Poster Session	NA	5%

Support for FYP/FYT

- ▶ Communication Tutors (<http://www.cse.ust.hk/ct/>) help with
 - ▶ FYP report development and copy editing
 - ▶ FYP posters
 - ▶ FYP oral presentations

They also maintain a nice collection of past fyp reports and best fyp videos

- ▶ FYP equipment available for loan
 - ▶ <http://www.cse.ust.hk/ug/fyp/facilities/>

Admin Support for FYP/FYT

- ▶ CSE Office: Hilda (cshilda@cse.ust.hk), Jacqueline (jacquelinec@cse.ust.hk). Admin matters such as registration.
- ▶ The FYP Team: FYP Coordinator (Currently me. New person starting July 2020), Cindy Li (lixin@ust.hk). Policy matters.
- ▶ FYPMS: CS system (cssystem@cse.ust.hk). System matters.
- ▶ **FYP Fund:**
 - ▶ Each supervisor is allocated \$3,000 to cover fyp expenses of his/her students. Talk to your supervisor if you need it.

Information

- ▶ You are encouraged to attend the **oral presentations of some of the projects from 2019-2020**. The schedule is at: <http://www.cse.ust.hk/ug/fyp/presentation/>
- ▶ **Useful links** on https://www.cse.ust.hk/ug/fyp/?fyp_year=2020-2021
 - ▶ FAQ for Students
 - ▶ Grading Rubrics
 - ▶ Monthly Report, Essay and Self-Assessment Report Templates (.docx)
 - ▶ Poster Templates (Gallery)
 - ▶ List of Best FYP Videos
 - ▶ List of Distinguished Final Year Projects
 - ▶ Thesis Writing: Problem/Purpose Statement and Questions
 - ▶ How to Write a Great Research Paper

Technical Issues

1. Internship, Exchange-Out or other Leaves

▶ General Guidelines

- ▶ Obtain **written agreements** with your supervisor and group mates and submit them to admin
- ▶ **Follow the due dates** for various reports
- ▶ **Must be present for the final oral presentation**

▶ Course Registration

- ▶ Cannot enroll in FYP/FYT courses while on leave
- ▶ Enroll in the appropriate FYP/FYT courses yourself upon return
- ▶ The credit(s) for the leave period will be automatically moved to the following semester

CPEG/DSCT Students Taking CSE Projects

- ▶ CPEG/DSCT students are **allowed** to take CSE projects. They can also **form mixed** groups with CSE students.
- ▶ CPEG/DSCT students are encouraged to select **projects marked for CPEG/DSCT**.
- ▶ COMP/DSCT students should register for **COMP 4981/4981H** and CPEG students should register for **CPEG 4901/4902**
- ▶ CPEG students are included in both the CSE FYPMS and the ECE FYPMS. Once they commit to projects in one system, their names will be removed from the other system.

3: Early-Taking of FYP/FYT ?

- ▶ FYP/FYT are intended for students who are expected to graduate in 2021.
 - ▶ 3rd year of Spring term for COMP/CPEG/DSCT
 - ▶ 4th year as of Spring term for COGBM/CPGBM

- ▶ Other students will to be allowed only if you can show that you will graduate in 2021
 - ▶ COMP/CPEG/DSCT: 80+ credits by end of Spring 2020
 - ▶ COGBM/CPGBM: 130+ credits by end of Spring 2020
 - ▶ CGA > 3.0
 - ▶ Study Plan

Send your request to the FYP coordinator

New Co-Op Program

- a new pilot program for CSE/CPEG/ECE
- allows you to work on your FYP in a company setting

Highlights

- You work **FULL-TIME** as an intern in a company for at least 5 months (which may start around Sep 2019 or Jan 2020)
- Your job duty is mainly working on a project that is a **REPLACEMENT** of your FYP
- You gain valuable working experience and complete your FYP during that time
- You work under the guidance of an industrial supervisor

Note

- Since you are working full-time for a few months, you will need to arrange your course work to make room for that
 - you should have a **relatively light remaining course workload**
- As it is a pilot program, we have a few selected companies that have agreed to offer co-op positions for our students

Please note that the application of Coop FYP 2020-21 was closed.

Q&A