

FYP/FYT 2021-2022 Information Seminar

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Overview of https://www.cse.ust.hk/ug/fyp/?fyp_year=2021-2022

Visit the web pages for details

Final Year Projects/Final Year Theses (COMP/CPEG/DSCT) 2021-2022

[Deadlines](#) [Grading Scheme](#) [Computing Facilities for FYP](#) [FAQ for Students](#) [Useful Links](#) [FYP/FYT 2020-2021](#)

Date	Event	Notes
2021-04-21 (Wednesday), 6-7pm	Information Seminar	Attend 2021-22 FYP/FYT Information Seminar scheduled to be held on 21 April 2021 (Wednesday), 6-7pm via Zoom Meeting . The seminar covers policy, timeline, requirements and grading of FYP/FYT. Check out Group Mates Finders if you are looking for group mates for your FYP.
2021-04-24 (Saturday), 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. Check out Before Starting and Getting Started with Your FYP , prepared by the communication tutors . Get familiar with the Computing Facilities for FYP .
2021-04-28 (Wednesday), 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.

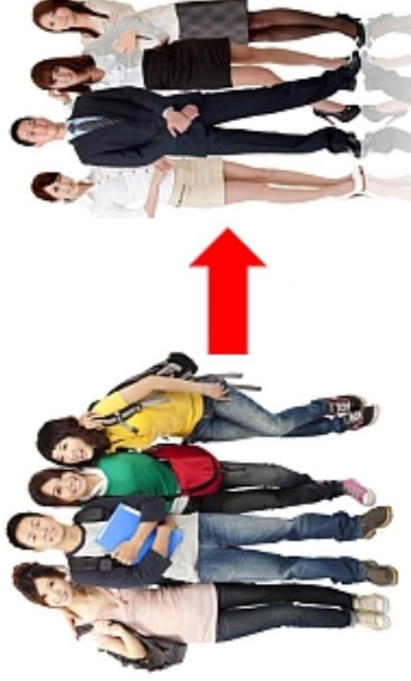
Final year projects (FYP) and final year theses (FYT) are

- ▶ **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

- ▶ FYP 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 2021, Fall 2021, Spring 2022.**
 - ▶ 6 credits (1, 2, 3) distribution. PP grade will be given in the first two semesters



One Project, Two Systems

CSE Final Year Project Management System 2021-2022

(For CSE Department Only)

Please login to FYPMS 2021-2022:

Username:

Password:

Note that your username is your user account name in CSE, while the password is your PC Windows login password.
"@connect.ust.hk" is NOT required.

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

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Not secure | arr.ust.hk/reg/cr/cr_std_ug/regug_intro.html

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Apps

Nevin L. Zhang

FBS - Login

New Tab

CERG1

Foundations of C

ARQ Registry Services

Course Registration

For UG Students

→ For UG Students
→ For PG Students
→ For Staff
→ Class Schedule

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 2021-22 are included in <https://fypms.cse.ust.hk/2021/>.
 - ▶ Messages you will get when you try to login:
 - ▶ “System is not available”: Normal.
 - ▶ “No account”: Contact FYP Coordinator (panhui@cse.ust.hk)
 - ▶ “Incorrect password”: Contact CS system (cssystem@cse.ust.hk)

Things to Do Soon

- ▶ **2021-04-24, 00:01am and onwards:**
 - ▶ **Check projects** at the FYP Management System
 - ▶ Approach project supervisors for more information and express interest
- ▶ **2021-04-28, 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 2021-2022, Fall 2021-2022, Spring 2022-2023.
 - ▶ Uncommitted students will be assigned, somewhat randomly, to projects in **June 2021**, 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 2021: Get started with your project
- ▶ 2021-09-17: Project proposal report due
- ▶ 2021-10-22: Individual ethics essay due
- ▶ Monthly reports: October, November, December/January
- ▶ 2022-02-14: Progress report due
- ▶ 2022-04-14: Final report & other reports due
- ▶ 2022-04-22: Poster due
- ▶ 2022-04-27: Program code due
- ▶ 2022-04-30/05-07: Oral presentation and demo (physical presence is required if university teaching/learning is back to normal)

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%
• Oral Presentation + Demo (FYP) • Thesis Defense (FYT)	30%	40%
Monthly Report (Oct,Nov,Dec/January)	5%	NA
Poster Session/Video	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: Shirley (csshirley@cse.ust.hk), Jacqueline (jacquelinec@cse.ust.hk). Admin matters such as registration.
- ▶ The FYP Team: FYP Coordinator (Currently me. New person starting September 2021), 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 2020-2021. The schedule is at: <http://www.cse.ust.hk/ug/fyp/presentation/>
- ▶ Useful links on https://www.cse.ust.hk/ug/fyp/?fyp_year=2021-2022
 - ▶ 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 2022**.
 - ▶ 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 2022**
 - ▶ COMP/CPEG/DSCT: 80+ credits by end of Spring 2021
 - ▶ COGBM/CPGBM: 130+ credits by end of Spring 2021
 - ▶ CGA > 3.0
 - ▶ Study Plan

Send your request to the FYP coordinator

Co-op Program

Introduction

The Co-op Program strengthens students' industrial experience before graduation by allowing students to complete an industrial project that resembles a Final Year Project (FYP) in a company under the supervision of an Industrial Supervisor from the company and an Academic Supervisor from HKUST while undergoing a 5-month internship at the company. Upon successful completion of the Co-op Program, the student meets both Industrial Experience and FYP graduation requirements.

Background of Final Year Projects

Final Year Projects (FYP) aim to provide an opportunity for students to apply and integrate the knowledge acquired throughout their undergraduate studies. The projects also aim to develop the capabilities of students in analyzing and solving complex and possibly real-case problem and to develop the skills of students in the systematic development, documentation and presentation of a significant piece of work.

Arrangement

- The Co-op program MUST be at least 5-month long. It can take place in either the Fall semester (e.g. September to January of the following year) or the Spring semester (e.g. February to June). The exact start and end dates are to be discussed and agreed between the company and the student.
- Students are expected to work full time in the company during Co-op. They may take Leave from Study during the Co-op period.
- Students are not encouraged to defer their graduation because of the participation in the Co-op program. They should plan in advance and consult with their advisor(s) on their plan of study and credit overloading so as to complete the degree program within the normal duration of study.
- Final year and penultimate year undergraduate students in COMP, COSC, DSCT, COGBM programs are eligible to apply for the program.

Please note that the application of Coop FYP 2021-22 was closed.

Q&A