

## Graduate Program in Pharmaceutical Sciences and Technology (PST)

- Course Calendar

M.Sc. Program A1 (Non-coursework)		
Coursework		Enrolment
Credit requirement	<ul style="list-style-type: none"> <li>• Thesis</li> </ul>	36 credits
	Total	36 credits
Required course		Recommendation
3342714	Master Seminar in Pharmaceutical Sciences and Technology	Every semester until graduate
3342816	Thesis	Every semester until graduate

M.Sc. Program A2 (Coursework)		
Coursework		Enrolment
Credit requirement	<ul style="list-style-type: none"> <li>• Required course</li> <li>• Elective course</li> <li>• Thesis</li> </ul>	5 credits
		7 credits
		24 credits
	Total	36 credits
Required course		Recommendation
3342710	Research Methodology in Biopharmaceutical Sciences (2 credits)	1 <sup>st</sup> semester
3342712	Principles in Drug Discovery and Development (2 credits)	1 <sup>st</sup> semester
3342713	Seminar in Pharmaceutical Sciences and Technology (1 credits)	1 <sup>st</sup> semester
3342714	Master Seminar in Pharmaceutical Sciences and Technology	2 <sup>nd</sup> semester until graduate
3342814	Thesis	Every semester until graduate

**Ph.D. Program 1.1 (Non-coursework)**

Coursework		Enrolment
Credit requirement	<ul style="list-style-type: none"><li>Dissertation</li></ul> Total	48 credits 48 credits
Required course		Recommendation
3342894	Doctoral Dissertation Seminar	Every semester until graduate
3342828	Dissertation	Every semester until graduate

**Ph.D. Program 1.2 (Non-coursework)**

Coursework		Enrolment
Credit requirement	<ul style="list-style-type: none"><li>Dissertation</li></ul> Total	72 credits 72 credits
Required course		Recommendation
3342894	Doctoral Dissertation Seminar	Every semester until graduate
3342830	Dissertation	Every semester until graduate

**Ph.D. Program 2.1 (Coursework)**

Coursework		Enrolment
Credit requirement	<ul style="list-style-type: none"><li>Required course</li><li>Elective course</li><li>Dissertation</li></ul> Total	6 credits 6 credits 36 credits 48 credits
Required course		Recommendation
3342712	Principles in Drug Discovery and Development (2 credits)	1 <sup>st</sup> semester
3342715	Individual study in Pharmaceutical Sciences and Technology (3 credits)	2 <sup>nd</sup> semester
3342713	Seminar in Pharmaceutical Sciences and Technology (1 credits)	1 <sup>st</sup> semester
3342894	Doctoral Dissertation Seminar	2 <sup>nd</sup> semester until graduate
3342826	Dissertation	Every semester until graduate

**Ph.D. Program 2.2 (Coursework)**

Coursework		Enrolment
Credit requirement	• Required course	8 credits
	• Elective course	16 credits
	• Dissertation	48 credits
	Total	72 credits
Required course		Recommendation
3342710	Research Methodology in Biopharmaceutical Sciences (2 credits)	1 <sup>st</sup> semester
3342715	Individual study in Pharmaceutical Sciences and Technology (3 credits)	3 <sup>rd</sup> semester
3342712	Principles in Drug Discovery and Development (2 credits)	1 <sup>st</sup> semester
3342713	Seminar in Pharmaceutical Sciences and Technology (1 credits)	1 <sup>st</sup> semester
3342894	Doctoral Dissertation Seminar	2 <sup>nd</sup> semester until graduate
3342828	Dissertation	Every semester until graduate

## Program Overview

Pharmaceutical Sciences and Technology program offers both Doctor's Degree and Master's Degree and brings together interdisciplinary education and advanced research. The research tracks comprise the fields of drug delivery systems and pharmaceuticals, food chemistry and medicinal nutrition, herbal medicines and natural products, medicinal chemistry and pharmaceutical analysis, pharmaceutical biotechnology and microbiology, and pharmacology and toxicology

The program is delivered in both Thai and English in a well-balanced international environment. To enhance their knowledge and research skills, our students learn from national and international experts. All graduates produce research outcomes in the form of world-class proceedings, research articles, and intellectual property.

Degree	Plan (CODE)	
	Non-coursework	Course work
Master Degree	A1 (4100)	A2 (4101)
Doctoral Degree <ul style="list-style-type: none"><li>Graduated Master Degree</li><li>Graduated Bachelor Degree</li></ul>	1.1 (4102) 2.1 (4104)	1.2 (4103) 2.2 (4105)

## Duration of Study

Degrees		Duration
		Years
Master Degree	Non-course work (Plan A1)	2
	Course work (Plan A2)	2
Doctoral degree <ul style="list-style-type: none"><li>Graduated Master Degree</li></ul>	Non-course work (Plan 1.1)	3
	Course work (Plan 2.1)	4-5
Doctoral degree <ul style="list-style-type: none"><li>Graduated Bachelor Degree</li></ul>	Non-course work (Plan 1.2)	3
	Course work (Plan 2.2)	4-5

## Admission Period

- First semester: February – May
- Second semester: September – November

## Total Expected Intake

Degrees		Credits		
		Course work	Thesis/ Dissertation	Total
Master Degree	Non-course work (Plan A1)	-	36	36
	Course work (Plan A2)	18	18	36
Doctoral degree • Graduated Master Degree	Non-course work (Plan 1.1)	-	48	48
	Course work (Plan 2.1)	12	36	48
Doctoral degree • Graduated Bachelor Degree)	Non-course work (Plan 1.2)	-	72	72
	Course work (Plan 2.2)	24	48	72

## Admission Requirements

- Bachelor's degree or its equivalent with GPA > 3.25
- Master's degree or its equivalent with qualified GPA
- Transcript
- Recommendation letter (at least 2 letters)
- English score
- Resume/CV
- Statement of Purpose
- Passport (for foreigner) or ID card (for Thai)

## Fee (both Thai and non-Thai students)

- Tuition 35,000 Baht
- Program fee (contact the program)

## Contact Details

Website: <http://www.pst.pharm.chula.ac.th/>

Web.facebook.com/pharscitechchula/

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