

Why study Pharmaceutical Science? And how has the journey been thus far?

I believe no other programme integrates the various sciences quite like Pharmaceutical Science. The programme incorporates diverse disciplines into its curriculum, including legal aspects related to regulations on therapeutic products and basic applied mathematics for pharmacokinetic modeling to assess plasma drug concentrations. While navigating unfamiliar topics and concepts can be challenging, I feel that the experience has been incredibly rewarding! I truly believe this programme has prepared us well for careers in pharmaceuticals, whether in industry or academia.



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Year 4 Pharmaceutical Science

What interests you most in your studies?

I enjoy seeing and applying concepts to real-life problems. The programme provides numerous opportunities to translate theoretical knowledge into practical applications, such as developing our own drug formulations and testing them first-hand. The research projects I undertook offered me significant autonomy, allowing me to design and conduct experiments aligned with my interests. Combining the skills I have acquired in coding and engineering, I developed my own testing apparatus and image processing software for my Final Year Project.

Apart from academic lessons, what other programmes (e.g. UPIP, UROPS, NOC, SEP, Summer/Winter Schools/Research/Internship, etc.) did you participate in? And how did the experience(s) benefit you in your (a) personal growth and development, and (b) academic pursuits?

The Pharmaceutical Science programme has a flexible curriculum that allowed me to explore multiple interests, including taking up a Second Major in Life Sciences. I also undertook two research projects: one as an Undergraduate Research Opportunities Programme in Science (UROPS), where I studied and developed hybrid peptides with distinctive scaffolds and bioactivities at the Morinaka Lab, and another as a Final Year Project focused on investigating the effects of liquid crystalline structures for intranasal formulations under the guidance of Dr Linda Hong.

In addition to my research endeavors, I completed an internship in Regulatory Affairs and participated in a Student Exchange Programme (SEP) at McGill University in Canada.

One key takeaway from these diverse experiences is that problems can be viewed from multiple perspectives, leading to various solutions. Insights can be drawn from various sources, including friends from around the world, industry professionals, or even my colleagues and supervisors in the laboratories where I've worked.

Travelling with my Canada SEP friends!



With my Pharm Science classmates who are also taking Life Sciences courses



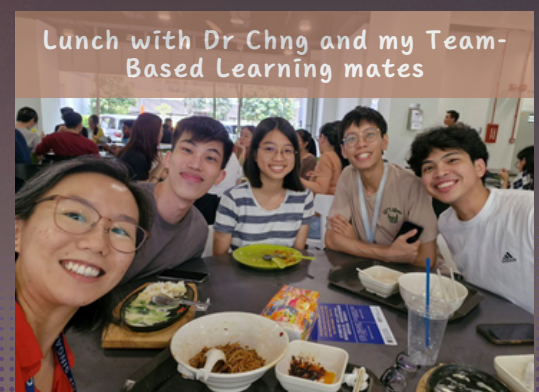
Facilitating at a NUS Bakers and Cooks session

What other interesting activities did you partake in to further enrich your student life, e.g. extra-curricular activities on campus (e.g. NUSPS, House, etc.)?

I served as the Publicity Head for the Galen House within the NUS Pharmaceutical Society and was also an active member of the Academic Committee. During my earlier years, I participated in NUS Climb, and in my final year, I began facilitating workshops for the NUS Bakers and Cooks Society. While we certainly dedicate ourselves to our studies, I believe it's equally important to have some fun along the way!

Share with us your most memorable experience as a Pharmaceutical Science student.

The close relationship between professors and students is a highlight of my Pharmaceutical Science studies. The small cohort size fosters interaction, with professors readily available for academic consultations and casual chats. Their genuine care and concern have been comforting and inspiring, creating lasting memories.



Lunch with Dr Chng and my Team-Based Learning mates