

Faculty of Science

1 [Faculty's Commitment](#)

2 [Key Contact Information](#)

3 [Undergraduate Education](#)

3.1 [Overview](#)

3.2 [Degrees Offered](#)

3.3 [Degree Requirements](#)

3.3.1 [Curriculum Structure and Graduation Requirements](#)

3.3.1.1 [Bachelor of Science](#)

3.3.1.2 [Bachelor of Science \(Hons.\)](#)

3.3.1.3 [Bachelor of Science \(Pharmacy\)/Bachelor of Science \(Pharmacy\) \(Hons.\)
Requirements](#)

3.3.1.4 [University Scholars Programme \(USP\) Graduation](#)

3.3.1.5 [Major Prerequisites](#)

3.3.1.6 [Faculty Requirements](#)

3.3.1.7 [Computational Thinking Requirement](#)

3.3.1.8 [SP1541 Exploring Science Communication through Popular Science](#)

3.3.1.9 [English Skills \(ES\) Requirements](#)

3.3.1.10 [Honours Eligibility and Honours Projects](#)

3.3.1.11 [Degree Classification](#)

[3.3.2 Policies and Procedures](#)

[3.3.2.1 Advanced Placement/Exemptions](#)

[3.3.2.2 Workload](#)

[3.3.2.3 Types of Modules](#)

[3.3.2.4 Repeating Modules](#)

[3.3.2.5 Overlapping Modules](#)

[3.3.2.6 Independent Study Modules \(ISM\)](#)

[3.3.2.7 Continuous Assessment](#)

[3.3.2.8 Filing for Graduation/Honours Options](#)

[3.3.3 Bachelor of Science/Bachelor of Science \(Hons.\) Programme Requirements \[B.Sc./B.Sc. \(Hons.\)\]](#)

[3.3.3.1 Chemistry](#)

[3.3.3.2 Computational Biology](#)

[3.3.3.3 Food Science and Technology](#)

[3.3.3.4 Data Science and Analytics](#)

[3.3.3.5 Life Sciences](#)

[3.3.3.6 Mathematics and Applied Mathematics](#)

[3.3.3.7 Pharmaceutical Science](#)

[3.3.3.8 Physics](#)

[3.3.3.9 Quantitative Finance](#)

[3.3.3.10 Statistics](#)

3.3.4 [Bachelor of Science \(Pharmacy\)/Bachelor of Science \(Pharmacy\) \(Hons.\) \[B.Sc. \(Pharm.\)/B.Sc. \(Pharm.\) \(Hons.\)\]](#)

3.3.5 [Bachelor of Environmental Studies Programme](#)

3.4 [Multidisciplinary Opportunities](#)

3.4.1 [Double Major and Major-Minor Combinations](#)

3.4.2 [Second Major Programmes](#)

3.4.2.1 [Second Major in Chemistry](#)

3.4.2.2 [Second Major in Data Analytics](#)

3.4.2.3 [Second Major in Food Science](#)

3.4.2.4 [Second Major in Life Sciences](#)

3.4.2.5 [Second Major in Mathematics](#)

3.4.2.6 [Second Major in Physics](#)

3.4.2.7 [Second Major in Statistics](#)

3.4.3 [Minor Programmes](#)

3.4.3.1 [Minor in Analytical Chemistry](#)

3.4.3.2 [Minor in Aquatic Ecology](#)

3.4.3.3 [Minor in Biophysics](#)

3.4.3.4 [Minor in Engineering Materials](#)

3.4.3.5 [Minor in Financial Mathematics](#)

3.4.3.6 [Minor in Forensic Science](#)

3.4.3.7 [Minor in Geosciences](#)

- 3.4.3.8 [Minor in Life Sciences](#)
- 3.4.3.9 [Minor in Mathematics](#)
- 3.4.3.10 [Minor in Medical Physics](#)
- 3.4.3.11 [Minor in Nanoscience](#)
- 3.4.3.12 [Minor in Pharmaceutical Science](#)
- 3.4.3.13 [Minor in Physics](#)
- 3.4.3.14 [Minor in Statistics](#)
- 3.4.4 [Double Degree Programmes in \[LLB \(Hons\)\] and Life Sciences \[BSc/BSc \(Hons\)\]](#)
- 3.4.5 [Double Degree Programmes in Computing \(BComp\) and Mathematics \[BSc/BSc \(Hons\)\]](#)
- 3.4.6 [NUS-ANU Joint Degree Programme: Bachelor of Science \(Hons\) from National University of Singapore and Bachelor of Philosophy \(Hons\) from Australian National University](#)
- 3.4.7 [Joint Bachelor of Science \(Honours\) in Life Sciences from National University of Singapore and Bachelor of Science in Biology from The University of North Carolina at Chapel Hill](#)
- 3.4.8 [Joint Bachelor of Science \(Honours\) in Life Sciences from National University of Singapore and Bachelor of Science \(Honours\) in Biological Sciences/Biomedical Sciences from University of Dundee](#)
- 3.4.9 [Concurrent Programme in Bachelor of Science in Life Sciences of National University of Singapore and Doctor of Veterinary Medicine of University of Melbourne](#)
- 3.4.10 [Concurrent MSc \(Mgt\) and BSc \(Hons\) / BApplSc \(Hons\)](#)
- 3.5 [Special Programmes](#)
 - 3.5.1 [Professional Placement Programme \(PPP\)](#)
 - 3.5.2 [Undergraduate Professional Internship Programme \(UPIP\)](#)
 - 3.5.3 [Special Programme in Science \(SPS\)](#)

3.5.4 [Undergraduate Research Opportunities Programme in Science \(UROPS\)](#)

3.5.5 [University Scholars Programme \(USP\)](#)

3.6 [Study Abroad Programmes](#)

3.6.1 [Student Exchange Programme \(SEP\)](#)

3.6.2 [Summer Programmes and Study Trips](#)

3.6.3 [Joint Minor Programme with University of Toronto](#)

3.6.4 [NUS Overseas Colleges Programme](#)

3.6.5 [Overseas Summer Research Programmes](#)

3.6.6 [French Double Degree Programme](#)

3.7 [Student Awards](#)

3.7.1 [Dean's List](#)

4 [Graduate Education](#)

4.1 [Research Programmes](#)

4.1.1 [Degrees Offered](#)

4.1.2 [Degree Requirements](#)

4.1.3 [Financial Assistance and Awards](#)

4.2 [Coursework Programmes](#)

4.2.1 [Degrees Offered](#)

4.2.2 [Degree Requirements](#)

4.2.2.1 [Master of Science in Applied Physics \(Full-Time and Part-Time\)](#)

- 4.2.2.2 [Master of Science in Chemistry \(Full-Time and Part-Time\)](#)
- 4.2.2.3 [Master of Science in Chemistry for Energy and Environment \(Full-Time and Part-Time\)](#)
- 4.2.2.4 [Master of Science in Financial Engineering \(Full-Time, Part-Time and Distance Learning\)](#)
- 4.2.2.5 [Master of Science in Food Science and Human Nutrition \(Full-Time and Part-Time\)](#)
- 4.2.2.6 [Master of Science in Mathematics \(Full-Time and Part-Time\)](#)
- 4.2.2.7 [Master of Science in Pharmaceutical Science and Technology \(Part-Time\)](#)
- 4.2.2.8 [Master of Science in Physics \(Full-Time and Part-Time\)](#)
- 4.2.2.9 [Master of Science in Quantitative Finance \(Full-Time and Part-Time\)](#)
- 4.2.2.10 [Master of Science in Statistics \(Full-Time and Part-Time\)](#)
- 4.2.2.11 [Joint Master of Science in Industrial Chemistry \(NUS-TUM\) \(Full-Time\)](#)
- 4.2.2.12 [Joint Master of Science in Science Communication \(NUS - ANU\) \(Full-Time and Part-Time\)](#)
- 4.2.2.13 [Doctor of Pharmacy \(PharmD\) \(Full-Time and Part-Time\)](#)