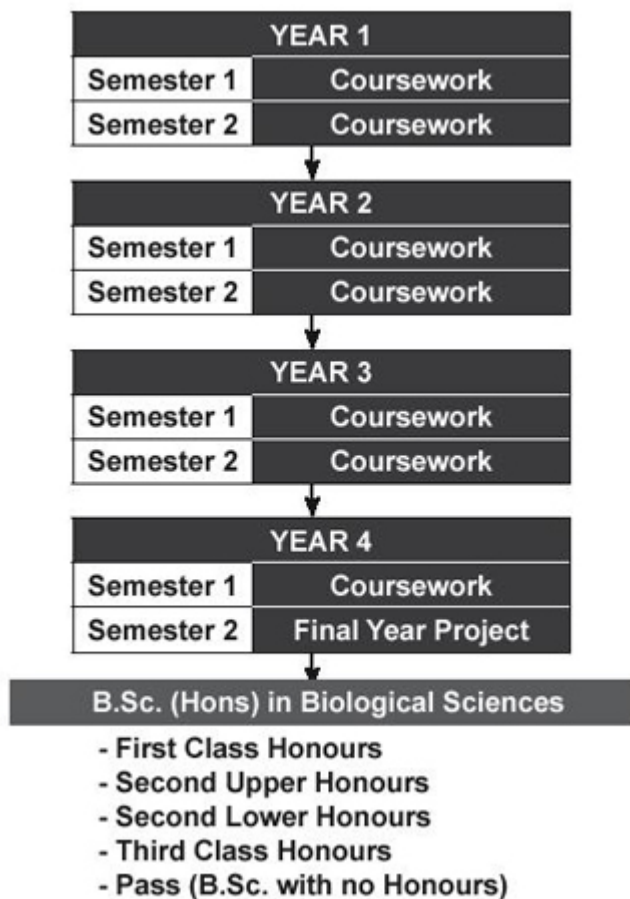


2.1.2 Degree programmes and requirements

Undergraduate study

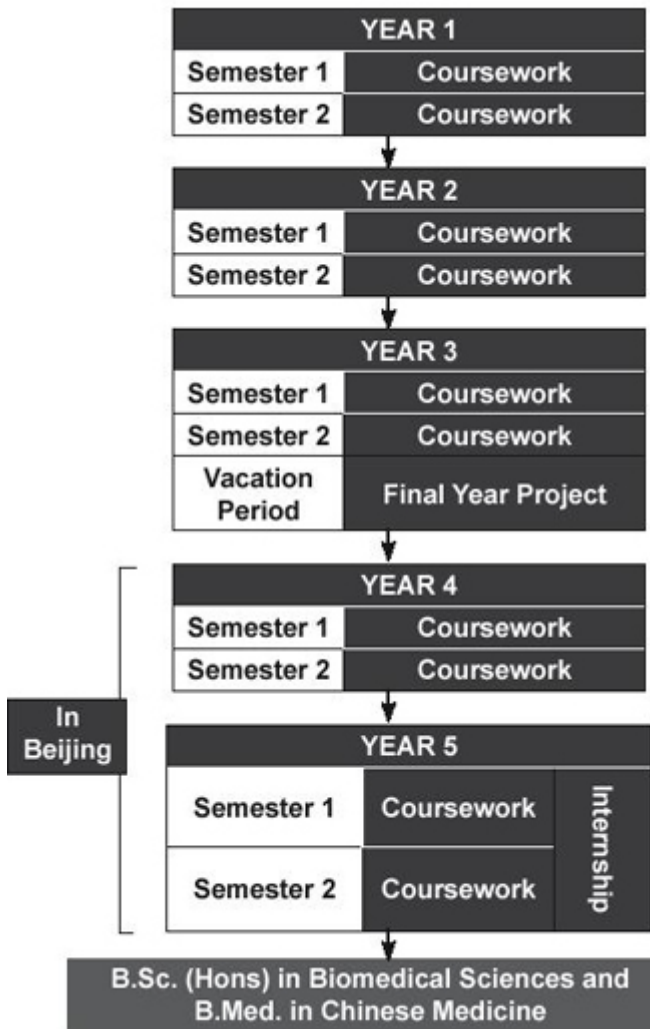
- (1) Bachelor of Science (Honours) in Biological Sciences
- (2) Double Degree: Bachelor of Science (Honours) in Biomedical Sciences and Bachelor of Chinese Medicine (中医学学士学位)

(1) Curriculum structure for B.Sc. (Hons) in Biological Sciences



- Four-year full-time programme
- Students with outstanding academic performance may be invited to join the Accelerated Bachelor's Programme and obtain an honours degree in 3.5 years
- Coursework is based on Chemical Biology, Structural and Computational Biology, Molecular and Cell Biology, Genetics and Genomics.
- Coursework includes weekly lectures, tutorials and laboratory sessions to complement relevant courses.
- A variety of prescribed electives is available in the third and fourth years for in-depth study and specialisation.
- All students undertake a full-time Final Year Project with the School or at approved research/healthcare institutes in Singapore or overseas.
- Early research experience may be gained during inter-semester breaks or under the URECA programme.

(2) Curriculum structure for Double Degree programme: B.Sc. (Hons) in Biomedical Sciences and B. Chinese Medicine



- First Class Honours
- Second Upper Honours
- Second Lower Honours
- Third Class Honours
- Pass (B.Sc. with no Honours)

- Five-year full-time double degree programme conducted in collaboration with the Beijing University of Chinese Medicine in the People's Republic of China.
- Innovative approach to fuse Western biomedical sciences with Eastern traditional Chinese medicine (TCM).
- Biomedical components (taught in English) are built on the disciplines of Chemical, Molecular and Cellular Biology, leading to examination of complex systems in courses such as Immunology and Physiology.
- TCM components (taught in Chinese) cover the theoretical and clinical aspects of TCM.
- Included in the coursework are relevant bioscience laboratory sessions and TCM clinical internships.
- All students undertake a full-time Final Year Project with the School or at approved research/healthcare institutes in Singapore or overseas.
- Early research experience may be gained during inter-semester breaks or under the URECA programme.
- The fourth and fifth years will be spent in Beijing for TCM clinical training and the study of advanced TCM principles.

Special programmes

The School of Biological Sciences provides special programmes to cater to academically outstanding undergraduates with a rapid pace of development and those with varied career aspirations.

Accelerated Bachelor's Programme (ABP)

Exceptional students enrolled in the B.Sc. (Hons) in Biological Sciences will be invited to join the Accelerated Bachelor's Programme. Such students will undertake a slightly modified curriculum and complete the degree programme in 3.5 years.

A*STAR Pre-graduate Award

This prestigious award is open to outstanding students who have decided, after completion of the first year of undergraduate studies, to commit to pursuing a Ph.D. after obtaining their B.Sc. (Hons). Awardees will receive monthly stipends during the undergraduate programme; their tuition fees will be covered by the award.

Minor in Chinese Herbal Medicine

This minor programme consists of foundation courses essential for understanding the scientific fundamentals of herbal medicines, and electives to provide the basics of Chinese herbal medicine and broaden understanding of other aspects of TCM.

This minor is not available to students pursuing the Double Degree in Biomedical Sciences & Chinese Medicine.