What are the Degree Programmes offered?

<table>
<thead>
<tr>
<th>Main Degree</th>
<th>Bachelor of Science (Honours) in Biological Sciences</th>
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<tbody>
<tr>
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<td>Bachelor of Science (Honours) in Biological Sciences with a Business Minor</td>
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<tr>
<th>Second Major</th>
<th>Bachelor of Science (Honours) in Biological Sciences with a Second Major in Biomedical Structural Biology</th>
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<tbody>
<tr>
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<td>Bachelor of Science (Honours) in Biological Sciences with a Second Major in Medicinal Chemistry and Pharmacology</td>
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<tr>
<td></td>
<td>Bachelor of Science (Honours) in Biological Sciences with a Second Major in Food Science and Technology</td>
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<table>
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<tr>
<th>Double Major</th>
<th>Bachelor of Science (Honours) in Biological Sciences and Psychology</th>
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<tbody>
<tr>
<td></td>
<td>Bachelor of Science (Honours) in Biomedical Sciences and BioBusiness</td>
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*Note: The Double Major Programme is offered as a single degree programme; each Major carries equal weight in the degree.

<table>
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<tr>
<th>Double Degree</th>
<th>Bachelor of Science (Honours) in Biomedical Sciences and Bachelor of Chinese Medicine</th>
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<td>*Note:</td>
<td>3 years in Nanyang Technological University (NTU) and 2 years in Beijing University of Chinese Medicine (BUCM)</td>
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What is the difference between a Second Major and Double Major?
The main difference is the number of AUs that you have to clear.

**Double Major**
Both Majors have equal weightage and equal number of AUs to be cleared. Students will graduate with Bachelor of Science (Honours) in Biological Sciences and Psychology or Bachelor of Science (Honours) in Biomedical Sciences and BioBusiness.

**Second Major**
The Second Major only takes up approximately 30% of the total AUs and students will graduate with Bachelor of Science (Honours) in Biological Sciences. The Second Major title will be reflected in the students’ transcript.

What is the difference between the Double Major Programme and Double Degree Programme?

**Double Major**
You earn only one bachelor's degree with specializations in two fields.

**Double Degree**
You earn two separate degrees upon graduation.
The Bachelor of Science (Honours) in Biomedical Sciences and Bachelor of Chinese Medicine is the only double degree programme in SBS.
The Bachelor of Science (Honours) in Biomedical Sciences degree will be conferred by Nanyang Technological University while the Bachelor of Chinese Medicine will be conferred by the Beijing University of Chinese Medicine.

Can you choose a second major midway through the programme?
No. Your choice of programme or second major is fixed at the point of enrolment. The second major in Food Science and Technology (FST) programme, which is managed by the NTU FST office is the only exception. They may invite year 1 students to apply after they have completed two semesters.

Although you are unable to choose a second major midway through the course, you have the option to drop your second major if you are unable to cope with the study load.

What is BioBusiness?
BioBusiness refers specifically to the business and manufacturing operations management related to biomedical technology, healthcare and bio-entrepreneurship, and requires an acumen for regulatory affairs of such industry which general business programmes do not cater to.

The Bachelor of Science (Honours) in Biomedical Sciences and BioBusiness offered by NTU SBS is a programme that combines biomedical sciences and biotechnology with BioBusiness. Graduates will be cross-trained in these two disciplines concurrently. This will make them highly sought after as they will be able to run the business of pharmaceutical and biotechnology companies more efficiently, as well as support the growing medical technology industry.

How is the curriculum like for the Bachelor of Science (Honours) in Biological Sciences?
There is a suggested curriculum structure in place for you, but it is generally quite flexible. You have the option and freedom to take on more or reduce number of modules at your own pace. You may also graduate in 3.5 years if you could complete all the AUs required.

What is Major PE, Core and UE?
You may refer to here for more information on the NTU academic credit system.

What is the research experience about (UAEB, URECA)?
UAEB (Undergraduate Advanced Experimental Biology) is a one week intense lab module that allows you to clear 3AUs while learning very specific lab skills. There are many different skills available for you to learn from.

URECA (Undergraduate Research Experience on Campus) is an 11-month (August to June) programme which provides you with an opportunity to pursue appropriate independent research under the supervision of a professor of your choice in your chosen field of research.
Do all students get to do UAEB or is there a selection process?
Students are allowed to take up to two UAEB workshops. Students are required to fulfil the pre-requisites for the respective UAEB workshops before they can apply for them. Priority will be given to senior students.

What are the career prospects for graduates from SBS?
There are a myriad of career options available. We have graduates working in the following sectors:

- Healthcare (E.g. Acupuncturist, Traditional Chinese Medicine Physician, Management Associate)
- Biomedical & Pharmaceutical (Investigator, Manufacturing Biotechnologist, Microbiologist)
- Banking, Finance & Legal (Fixed Income Trader, Vice President (Institutional Banking), Patent Executive)
- Education (Teacher, Assistant Professor)
- Research (Ph.D., Embryologist, Research Officer)
- Entrepreneur
- Public Sector (We have graduates working at National Parks Board, Singapore Economic Development Board and Agri-Food & Veterinary Authority of Singapore)
- Postgraduate Studies (Ph.D. students in overseas universities such as Oxford University, Medical and Research students at the Duke-NUS Medical School)
- Others (Product Managers, HR etc.)

*Note: The Bachelor of Science (Honours) in Biological Sciences is a broad-based degree recognized internationally. During the course of study, if a student feels that this is not their area of interest, they can choose to take on other routes for their further studies (such as Masters / Ph.D.) as well as take on specialised courses to venture into other career paths.

Is it possible to pursue Medicine after completing a Bachelor's degree in Biological Sciences?
This year, we launched the NTU-Duke-NUS Medicine Pathway, which provides successful applicants from either of our double major programmes a conditional admission to the Doctor of Medicine programme at the Duke-NUS Medical School. Refer to the FAQ here or visit our website to find out more here.

Any other questions?
For more information, you can contact the NTU Admissions Office here, email your queries to sbs-undergrad@ntu.edu.sg or chat with us here (opened from 10am to 4pm)!