



## Special Programme in Science

### DIFFERENCES WITH OTHER PROGRAMMES

#### 1. **What is unique about the Special Programme in Science (SPS)?**

SPS has a strong focus on science (i.e. integrating physics, chemistry, biology and mathematics). It is a multidisciplinary programme which aims to promote discourse across different scientific disciplines. Our integrated science curriculum will equip you with the skills and knowledge to appreciate research beyond your major.

### PROGRAMME INFORMATION

#### 2. **What benefits will I enjoy as student in the SPS programme?**

The most valuable benefit of being part of the programme is the support you get from the SPS community. Additionally, SPS offers novel pedagogical practices, a fast track to training in research, and opportunities to improve interpersonal and leadership skills. SPS students also have dedicated facilities (laboratories, equipment, seminar rooms, student spaces).

#### 3. **As a student enrolled in SPS, will I have to read extra courses, over and above those necessary for graduation?**

No. The minimum number of courses that an SPS student needs to read is no different from a non-SPS student. Selected SPS courses can count towards the College of Humanities (CHS) Common Curriculum while other SPS courses can be taken as Unrestricted Electives.

#### 4. **What are the special courses that students in SPS can read?**

Students read six specially designed interdisciplinary courses:

- Introduction to the Scientific Literature
- Working on Interdisciplinary Science, Pythonically
- Engineering a Life-like Cell
- Science for a Sustainable Earth
- The Universe; and
- Integrated Science Project

The suite of courses is designed to nurture your passion in science while developing interdisciplinary scientific thinking. Each of these courses integrates mathematics, biology, chemistry, physics and computing. These will be taught/facilitated by enthusiastic academics and student mentors using novel pedagogy.

#### 5. **Apart from the courses, what is “special” about SPS?**

The heart and soul of SPS lies in the close-knit community of students, mentors, alumni and staff. Learning in SPS starts with the courses but certainly does not end there. Students in the programme share and gain knowledge through discussions and interactions in the community. There are several mentor-led initiatives where authentic learning can take place.



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### APPLICATION/ADMISSION

#### 6. When and how do I enrol in SPS?

You can join SPS in the first semester of your first year. All students admitted to the Faculty of Science are eligible and will be invited to attend an introductory tea at the start of the semester. Admission will be through an interview process. The primary qualification we look for is your passion for science and learning new things.