3.1 Research Programmes and Topics of Research

NGS encourages research – especially cross- and trans-disciplinary research – in engineering, information technology, physical sciences, and life and biomedical sciences.

The topics of research are listed as follows:
Please visit [http://ngs.nus.edu.sg/research_areas.html](http://ngs.nus.edu.sg/research_areas.html) for the most updated list.

In addition, we offer research specialisation via the following networked groups

1. Biological Imaging
2. Computational Biology
3. Data Science – under PhD (Data Science)
4. Environmental Life Sciences Engineering
5. Global Health Research and Technology
6. Interactive and Digital Media
7. Neuroscience – under Graduate Programme in Neuroscience
8. Mechanobiology – run independently by Mechanobiology Institute
9. Quantum Technologies – run independently by Centre for Quantum Technologies


NGS encourages flexible thinking. Through courses and laboratory rotations early in the degree, students have the opportunities to acquire new knowledge, tools and skills pertinent and related to their PhD projects.