

BSc (6901) Major and Minors Offered

1. Physics Major

- Brand New Curriculum Structure, Learn the skill set first
- **Themes** (can choose 0, 1, or 2): Astrophysics, Computational Physics, Experimental Physics, Theoretical Physics
- **Themes are important factors in postgraduate admission consideration**

2. Physics Minor

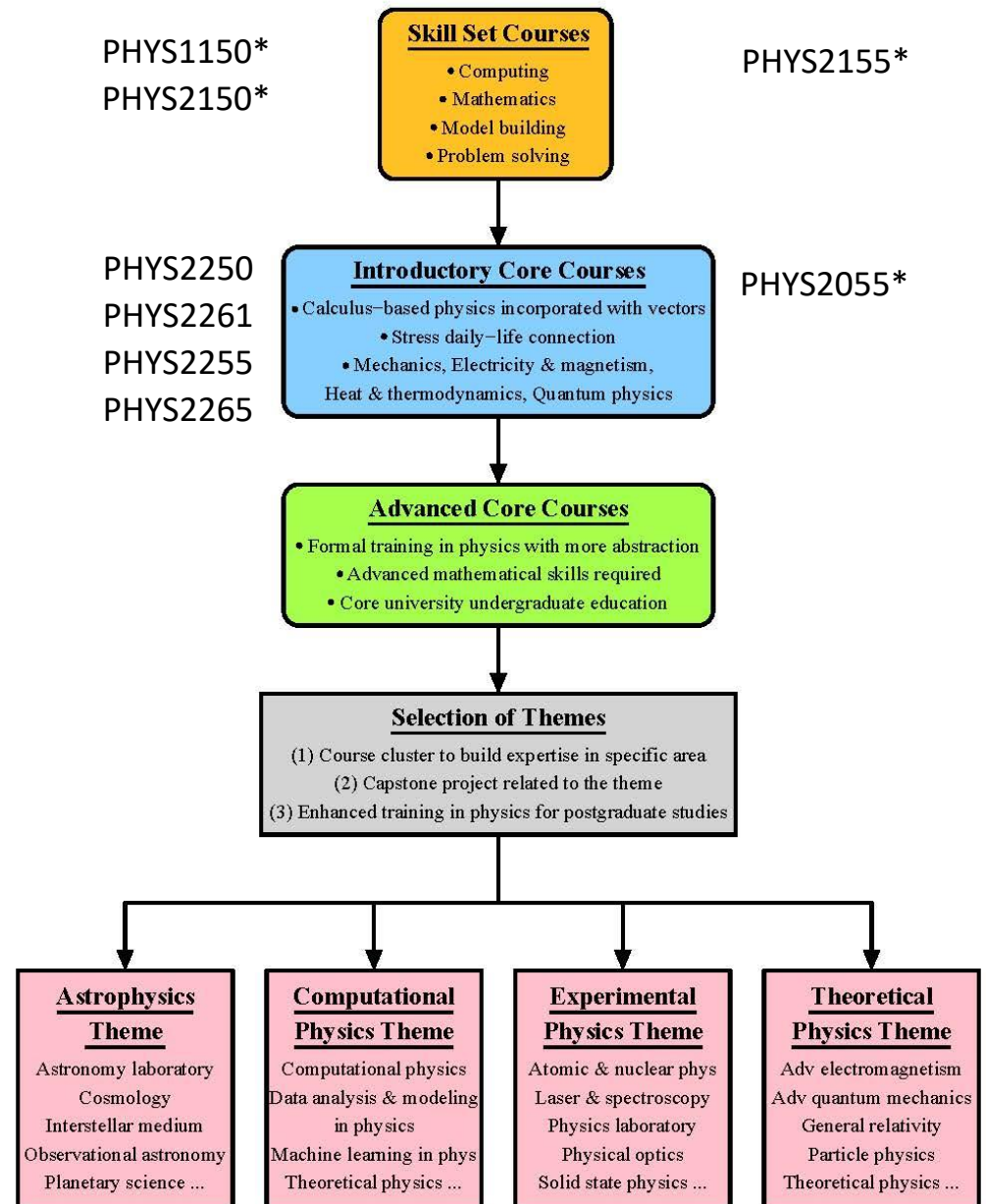
- Basic foundation of Physics
- Helpful for study of other science and non-science disciplines

3. Astronomy Minor

- Suitable for both science and non-science students
- Training on both observational and theoretical aspects
- Department will continue to aggressively pursue astronomical research and recruit postgraduate students in astronomy.
- Advanced courses in astrophysics will be offered to both undergraduate and postgraduate students in astronomy

Why Study Physics at HKU?

Understand how the world works
 Do some fun experiments
 Participate in forefront research
 Develop quantitative, analytical & problem solving skills



* Select 2 out of 4

Our Research Groups

- Astrophysics
- Centre of Theoretical & Computational Physics
- Condensed Matter Experiments
- Condensed Matter Theory
- Nuclear Physics Experiments
- High Energy Physics Experiments
- Material Science
- Quantum Information Theory

Where our Students Go for Further Studies?

- Harvard University
- Princeton University
- Imperial College London
- University of Bonn
- Columbia University
- University of Oxford
- University of Cambridge
- McGill University
- Johns Hopkins University
- University of Illinois at Urbana-Champaign
- MIT
- Brown University
- University of Toronto
- Universität Hamburg
- Max Planck Institute for Radio Astronomy
- Max Planck Institute for Extraterrestrial Physics
- Max Planck Institute for Astronomy
- Leiden University

Sample Major in Physics Year 1 & 2 Curriculum (minimum)

	Semester 1	Semester 2
Year 1	PHYS1150 Problem Solving XXX XXX XXX XXX	PHYS2250 Intro Mechanics XXX XXX XXX XXX
Year 2	PHYS2150 Method I PHYS2261 Intro Thermal XXX XXX XXX	PHYS2255 Intro E&M PHYS2265 Intro Quantum Phy XXX XXX XXX

Sample Major in Physics (astrophysics theme) OR
Major in Physics & Minor in Astronomy Year 1 & 2 Curriculum

	Semester 1	Semester 2
Year 1	PHYS1150 Problem Solving PHYS1650 Nature of Univ XXX XXX XXX	PHYS2250 Intro Mechanics PHYS2055 Intro Relativity or EASC2408 Planetary Geology XXX XXX XXX
Year 2	PHYS2150 Method I PHYS2261 Intro Thermal Phy XXX XXX XXX	PHYS2255 Intro E&M PHYS2265 Intro Quantum Phy PHYS2650 Modern Astro XXX XXX

** Sample curriculum for reference only, more sample curriculum available at the Department webpage.
You should consult your course schedule with Course Selection Advisor for your own selection.