

## Undergraduate Physics Courses

The undergraduate courses available in physics for 2004 are listed below. The next few sections provide comment on these courses, but students are advised that more details are to be found in the *Calendar* and in brochures describing the different programmes which are available from the Department.

### Stage I

#### PHYSICS 102 S1 C, S2 C

Basic Concepts of Physics (2 points)

#### PHYSICS 107 S2 C

Planets, Stars and Galaxies (2 points)

#### PHYSICS 111 S1 C

Analytical Techniques in Physical Sciences 1 (2 points)

#### PHYSICS 120 S1 C, S2 T

Physics of Energy (2 points)

#### PHYSICS 130 S2 C

Properties of Matter (2 points)

#### PHYSICS 150 S1 T, S2 C

Physics of Technology (2 points)

#### PHYSICS 160 S1 C, S2 C

Physics for the Life Sciences (2 points)

### Stage II

#### PHYSICS 210 S2 C

Analytical Techniques in Physical Sciences 2A (2 points)

#### PHYSICS 211A S1 C & PHYSICS 211B S2 C

Analytical Techniques in Physical Sciences 2B (2 points)

#### PHYSICS 213 S1 C

The Geophysical Environment (2 points)

#### PHYSICS 219A S1 C & PHYSICS 219B S2 C

Computer Electronics (2 points)

#### PHYSICS 220 S2 C

Electromagnetism and Thermal Physics (2 points)

#### PHYSICS 230 S1 C

Materials and Waves (2 points)

#### PHYSICS 240 S1 C

Electronics and Optics (2 points)

#### PHYSICS 243 S1 T

Digital Electronics and Instrumentation (2 points)

#### PHYSICS 250 S2 C

Quantum Physics (2 points)

#### PHYSICS 270 S2 C

Astrophysics (2 points)

### Stage III

#### PHYSICS 315A S1 C & PHYSICS 315B S2 C

Classical and Statistical Physics (2 points)

#### PHYSICS 325 S1 C

Electromagnetism and Optics (2 points)

#### PHYSICS 326 S2 C

Laser Physics and Electronics (2 points)

#### PHYSICS 340 S1 C

Circuits, Systems and Signals (2 points)

#### PHYSICS 350A S1 C & PHYSICS 350B S2 C

Quantum Mechanics and Atomic Physics (2 points)

#### PHYSICS 355 S2 C

Condensed Matter and Sub-Atomic Physics (2 points)

#### PHYSICS 390 S1 C

Experimental Physics 1 (2 points)

#### PHYSICS 391 S2 C

Experimental Physics 2 (2 points)

#### PHYSICS 395 S1 C, S2 C

Experimental Physics 3 (1 point)

#### PHYSICS 396 S1 C, S2 C

Experimental Physics 4 (1 point)

#### GEOPHYS 330 S2 C

Solid Earth and Applied Geophysics (2 points)

#### GEOPHYS 331 S1 C

Physics of the Atmosphere and Ocean (2 points)

S1 = First Semester

S2 = Second Semester

C = City Campus

T = Tamaki Campus