

The following proposals, received on DAP between September 1-15, 2013, have been approved.
For more information on the DAP process, see the Academic Handbook at www.uwo.ca/univse/handbook.

FACULTY OF SCIENCE

PHYSICS AND ASTRONOMY

Effective **September 1, 2013**, the Department of Physics & Astronomy in the Faculty of Science withdraw the course *Physics 2129A/B – Research and Problem-Solving Techniques in Biophysics*. Note: this submission was mistakenly excluded from the January 16, 2013 set of approvals.

Effective **September 1, 2013**, the Department of Physics and Astronomy in the Faculty of Science introduce the course *Physics 4180A/B - Physical Fluid Dynamics*. Note: this submission was mistakenly excluded from the January 16, 2013 set of approvals.

Physics 4180A/B – Physical Fluid Dynamics

Kinematics and conservation laws, ideal fluids, the Euler equations, irrotational flow, the Navier-Stokes equations, viscous flow, waves, instabilities.

Prerequisite(s): Physics 2101A/B and 2102A/B, Physics 2110A/B; Applied Mathematics 2402A.

3 lecture hours, 0.5 course.

Effective **September 1, 2013**, the Department of Physics and Astronomy in the Faculty of Science introduce the course *Physics 4700A/B – Atmospheres*. Note: this submission was mistakenly excluded from the January 16, 2013 set of approvals.

Physics 4700A/B - Atmospheres

Physical principles are used to investigate the dynamics, thermodynamics and composition of atmospheres with primary focus on Earth. Planetary atmospheres will be discussed in relation to Earth's atmosphere.

Prerequisite(s): Physics 2101A/B and 2102A/B, Physics 2110A/B, Applied Mathematics 2402A

Pre-or Corequisite(s): Applied Mathematics 3815A/B

3 lecture hours, 0.5 course.

DAP UPDATE: MINOR CHANGES

No changes at this time.