INTEGRATIVE BIOLOGY (IBIO)

IBIO*6000  Special Topics in Ecology and Behaviour  Unspecified  [0.50]
This is a course in which several faculty lecture and/or lead discussion
groups in tutorials about advances in their broad areas, or related areas,
of ecology and behaviour. Topics may include animal communication,
optimal foraging, life-history evolution, mating systems, population
dynamics, niche theory and food-web dynamics, and will depend on
who is co-ordinating the course for that particular offering. The course
includes lectures and seminars in which the students actively participate.
Department(s): Department of Integrative Biology
Location(s): Guelph

IBIO*6010  Special Topics in Physiology  Unspecified  [0.50]
This is a course in which several faculty lecture and/or lead discussion
groups in tutorials about advances in their broad areas, or related areas,
of physiology. Topics may include metabolic adaptation to extreme
environments, behavioural and molecular endocrinology, and exercise and
muscle physiology, and will depend on who is co-ordinating the course
for that particular offering. The course includes lectures and seminars in
which the students actively participate.
Department(s): Department of Integrative Biology
Location(s): Guelph

IBIO*6020  Special Topics in Evolutionary Biology  Unspecified  [0.50]
This modular course reviews books and/or other publications in the field
of evolutionary biology, providing knowledge of progress in this area of
biology. Topics may include epigenetics, phylogenetics, developmental
basis of evolutionary change, and molecular evolution. The course
includes lectures and seminars in which the students participate. Offered
annually.
Department(s): Department of Integrative Biology
Location(s): Guelph

IBIO*6070  Advances in Integrative Biology I  Unspecified  [0.50]
This course provides graduate students, either individually or in groups,
with the opportunity to pursue topics in specialized fields of integrative
biology under the guidance of graduate faculty. Courses may be offered
in any of lecture, reading/seminar, or individual project formats. A
minimum enrolment may be required for some course offerings.
Restriction(s): Instructor consent required.
Department(s): Department of Integrative Biology
Location(s): Guelph

IBIO*6080  Advances in Integrative Biology II  Unspecified  [0.50]
This course provides graduate students, either individually or in groups,
with the opportunity to pursue topics in specialized fields of integrative
biology under the guidance of graduate faculty. Courses may be offered
in any of lecture, reading/seminar, or individual project formats. A
minimum enrolment may be required for some course offerings.
Restriction(s): Instructor consent required.
Department(s): Department of Integrative Biology
Location(s): Guelph

IBIO*6630  Scientific Communication  Unspecified  [0.50]
This course involves development and refinement of the skills of
scientific communication, with emphasis on writing skills, in the context
of developing a thesis proposal. This course is mandatory for MSc AND
DIRECT ENTRY PhD students in the Department of Integrative Biology.
Department(s): Department of Integrative Biology
Location(s): Guelph