

# Biochemistry 448

## Course Coordinator

Dr Scott Covey

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## Course Description

This is an independent biochemistry driven research project performed under the supervision of a departmental faculty member. The course is designed to help students develop skills essential to carrying out independent research and lab work. Although biochemistry honours students have priority majors student can take the class.

A directed studies project provides students with valuable experience in writing up and analyzing experimental results. In addition a good project can eventually lead to author credit in a publication. It also gives undergraduates the chance to interact with members of the faculty. This sort of contact is especially important for those considering graduate school or for those who want to work in any scientific field. Supervisors can normally provide references commenting on students abilities in the lab and personality should the need arise.

Supervisors are not automatically assigned and students must approach members of the faculty. Projects must also be approved by the course chair, Dr Scott Covey. Faculty members from outside of the Biochemistry and Molecular Biology Department can act as project supervisors. In these cases a co-sponsor faculty member within the department must be arranged. A final thesis format report is written upon completion of the project.

## Credits and Timetable

The number of credits awarded depends on the length of time a project is carried out over. Projects carried out over the fall and winter term are highly recommended.

One term: three credits

Two terms: six credits

Library type courses are strongly discouraged and practical work is recommended.