

03-409 Applied Cell Biology

Instructor: Prof. Mohamed Bouaouina

- Type: **Laboratory course**
(3h/week x 4 weeks)
- Eligibility: **Sophomores**
(Biological Sciences)
- Credit: **3 Units**
- Co-requisite(s): **03-240 Cell Bio**
- Serves as a requisite for: **None**

Student evaluation: **2 quizzes, 1 exam & 1 presentation** (Tentative)

Description:

The course provides a hands-on experience in biology wet lab to conduct experiments, collect and analyze scientific data with the purpose of using the data to infer biological principals. Students will learn the details of western blot technique. In addition, they will apply the technique to study insulin signaling in target cells. This lab module will reinforce the students' understanding of material seen in Cell Biology lecture course (co-requisite 03-240) and will prepare them for future lab courses.