

## Advising for Spring, 2008

It's that time of year again; time to register for the new semester. You all will have to visit with me to get the advising hold lifted, but to expediate matters, here are a few pointers for y'all. Whether you are forensic or physical science, this should help you out.

### CHEMISTRY:

As per usual, we are again offering **CHEM 114 and CHEM 114L General Chemistry II and General Chemistry II Lab**. I suggested that everybody register early on last semester as the plan was to drop one lab, but so far, no lab has been dropped. I honestly have no idea what this means, but register early and register often! The pre-requisite for this course is MATH102 and CHEM112.

Another course that I was told would be dropped, but, to date, has not been, is **CHEM328 and CHEM328L Organic Chemistry II and Organic Chemistry II Lab**. So far we have only three people registered for this; if you want it, you should register, because I can guarantee it will be dropped if we have fewer than 10 students enrolled. At the same time, however, be prepared to substitute something in for it if it is cancelled. The pre-requisite for this course is CHEM326 Organic Chemistry I. This course is NOT required for either the forensic or physical science major, although it is in the "choose from" list for physical science/chemistry track. It is highly recommended for any pre-professional (ie pre-med) majors. I anticipate it will not be offered again until Spring 2010.

Another course that will not be offered again until Spring 2010 is **CHEM452/SCTC452 Inorganic Chemistry/Forensic Analysis of Materials and Effects**. This is a dual listed course, as both are essentially inorganic chemistry. This course is required for both Physical Science/Chemistry Track (register for CHEM452) and forensic science (register for SCTC452) majors. The pre-requisite for this course is CHEM114.

### PHYSICS:

Physics is off-set. Used to be we offered the first semester of all three sciences, chemistry, physics and biology in the fall. This was bad, especially for respiratory therapy majors who had to take just the first semester of all three sciences. Physics was the magnanimous subject that agreed to change the order in which they do things, which means that in the spring of every semester, the first semester of physics, **PHYS211 and PHYS211L University Physics I and University Physics I Lab** is offered. This is offered every year, and the prereq is just MATH123 or MATH125. If you have had calculus, I highly recommend registering for this course as it is the pre-requisite for higher level physics courses in both the physical science and forensic science majors.

This spring, we offer **PHYS492 Electromagnetism**, which is required for all physical science majors. This is offered only every other year, so it will not be offered again until Spring 2010, so if you can take it, go ahead and register for it. The pre-requisite for this course is PHYS213 University Physics II.

## **SCIENTIFIC FORENSICS:**

Along with SCTC452, we have **SCTC390 Seminar** once again. We offer the seminar every spring semester, with different topics every time. I believe that this year the discussion will cover evidence; collection, handling, cataloging and so on. It should be very interesting. Forensic science majors must take (if I am remembering correctly) 3 credit hours of seminar, but these are only one credits each. This is intentional; basically, you must take seminar for three years.

## **BIOLOGY:**

Not much is offered by way of biology this coming spring. **BIOL371 and BIOL371L Genetics and Genetics Lab** is offered. This is in the “choose from” lists for our physical science majors, and is a good course for our forensic science majors to take as an elective as well. The pre-reqs are, I’m sure, BIOL151.

**BIOL323 and BIOL323L Human Anatomy and Physiology** is offered this spring. This course is not required in either the physical or forensic science programs, and it is in no choose from lists, save that it can work as an elective in forensic science. However, if you are pre-professional, it is not a bad course to take as an elective, but beware that in medical school you will have to take it again. Basically, this will serve as a good foundation for medical school anatomy. The pre-req is, undoubtedly, BIOL151.