

Academic Offerings

This section contains descriptions of programs, majors, minors, areas of concentration, fields of specialization, and courses. Semesters following course titles indicate when each course is normally offered. On rare occasions, a course may not be available when indicated because of low enrollment or unexpected staffing changes.

Courses listed as Fall Odd and Spring Even are scheduled to be offered during the 2011-2012 academic year. i.e., fall 2011-2012 is Fall Odd, spring 2011-2012 is Spring Even.

Biotechnology

Dordt College offers emphases in Biotechnology in the following academic areas: Agriculture, Biology, Business Administration, and Computer Science. For details of each emphasis, consult the appropriate section under each department.

- 213 **Introduction to Biotechnology (3)**Spring Even
This course is intended to be an introduction to the field of biotechnology. We will develop a Christian approach to biotechnology and use that approach to examine the various aspects and applications of bio-technology. Prerequisites: one life science course or a score of 24 or higher on the science component of the ACT test; sophomore standing.
- 361 **Senior Seminar (3)**.....Spring
A capstone course involving various methods including, but not limited to, Investigative Case-Based Learning (ICBL) to critically examine, from a reformed, Christian perspective, a variety of aspects of particular biotechnology applications – biological, engineering, economic, political, and philosophical. The course meets in a seminar/discussion format and culminates in formal student presentations. Prerequisites: Biotechnology 213; senior standing. Required for all students in a biotechnology program.
- 373 **Internship (3)**Fall, Spring, Summer
Students are involved in molecular biology research at a local biotechnology firm or in a molecular biology laboratory. Projects will be approved and progress will be monitored at regular intervals by a faculty member. Includes a written report submitted at the end of the specified time period. Prerequisites: Biology 322 or 323; Biotechnology 213. Designed for biology or agriculture students in the biotechnology emphasis.