Facilities

A description of the Swanson Science Center is available via this link.

The U. Grant Miller Library, located across Lincoln Street, provides easy access to many chemical periodicals, texts, and additional reference material. The library provides electronic full-text access to all American Chemical Society journals from their inception to the present. Students and faculty can search Chemical Abstracts and other chemical literature using STN (Science and Technology Network), SciFinder, Web of Science, and other databases.

The chemistry faculty recognizes the power of modern instrumentation in dealing with the problems fundamental to the study of chemistry both in the academic and industrial setting. Today any student graduating without proper training in and access to modern instrumentation is at a decided disadvantage. The department possesses a wide range of instrumental equipment for use by its students in laboratory courses and research projects. Major pieces of instrumental equipment are listed through this link.

In addition, the department is well stocked with standard laboratory equipment including analytical balances, pH meters, Mel-Temps, rotary evaporators, an aqueous concentrator, refrigerators, vacuum pumps, drying ovens, muffle furnace, calorimeters, osmometer, polarimeter, and a magnetic susceptibility balance. The department also has computer servers running various computational and modeling software packages (Gaussian, Gaussview, Mathcad, Matlab, MaterialStudio, Cambridge Structural Database, and ChemOffice).