This course is set up essentially as a problem-solving course, and will (1) review material from the four major areas (analytical, inorganic, organic, and physical) of chemistry and (2) show how these four areas are related by illustrating how knowledge in one can be applied to questions in another. If you are going on to graduate school, this course will also help prepare you for the Graduate Record Examination in Chemistry and/or placement exams that you may be required to take. To accomplish this, we will go over questions on two practice Graduate Record Examination (GRE) Chemistry Tests and end with your taking the Major Field Test (MFT) in chemistry during the Thursday of the last week of classes. If you find that you would like more questions in any given area than are on the GRE’s, we have access to additional GRE Chemistry Test questions that can be used for this purpose. Please note that the grade for this course will be based ONLY on attendance and participation, not on the results of the MFT. Our department is using the MFT as part of an assessment (required by the North Central Association of Colleges and Universities) of our undergraduate program. The results of the MFT will be available to you once we receive the results from the Educational Testing Service (usually by February).

We have room 101 ChemSci reserved from 7:00 to 9:00 pm for every Thursday during the semester for our use, but we will not meet on all of these days. A faculty member will meet with you on four Thursday nights to go over the questions related to their area. The other times could be used for either group study sessions in preparation for the review sessions, or for additional meetings with the faculty should you so desire.

The reviews and MFT are scheduled to be held 7:00-9:00 pm on the Thursdays listed below. If conflicts arise as we progress, the sessions can be rescheduled because we have the room reserved every Thursday evening during the semester.

- September 21: Physical Chemistry, R. Brown
- October 12: Organic Chemistry, M. Logue
- November 2: Analytical Chemistry, S. Green
- November 30: Inorganic Chemistry, E. Urnezius
- December 14: Major Field Test Given, M. Logue