*Content Area Prerequisites Course Equivalents*

**Number** C110  **Credits** 3

**Course Title** World of Materials

**Description** This science course is intended for non-science majors. It discusses the chemical makeup, physical properties, historical development, and economic impact of materials encountered in daily life. Examples of the materials covered include: metals, ceramics, leather, plastics, concrete, paper, and a variety of others. The course details a “biography” of each of these materials from its primary source in the animal, vegetable, or mineral world, through the various transformations in its production and fabrication into usable products, to its ultimate fate and impact on the environment.

**Number Course Title Distance Credits School**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CHEM 1030 | Chemistry & Society | Traditional | 3 | Minneapolis Community Technical |
| CHEM 1010 | Environmental Chemistry | Traditional | 4 | Normandale Community College |
| CHEM 1020 | Chemistry Concepts | Traditional | 4 | Century College |
| BIOL 320 | Ecosystem and Global Ecology | Traditional | 5 | Metropolitan State University |
| CHEM 1711 | Principles of Chemistry I | Traditional | 4 | Saint Paul College |
| CHEM 1100 | Chemistry and Our World Today | Traditional | 3 | Rochester Community & Technical |
| CHEM 1101 | Elements of Chemistry | Traditional | 3 | Rochester Community & Technical |
| CHEM 100 | Contemporary Chemistry | Traditional | 4 | University of Wisconsin LaCrosse |
| CHEM 212 | Principles of Chemistry | Traditional | 5 | Winona State University |
| CHEM 108 | Introductory General Chemistry | Traditional | 3 | Winona State University |
| CHEM 1151 | Principles of Chemistry I | Traditional | 4 | Minneapolis Community Technical |
| CHEM 1061 | Principles of Chemistry I | Traditional | 5 | Normandale Community College |
| CHEM 1061 | Principles of Chemistry I | Traditional | 4 | North Hennepin Community |
| CHEM 1061 | Principles of Chemistry I | Traditional | 4 | Anoka Ramsey Community College |
| CHEM 1011 | General Principles of Chemistry | Traditional | 4 | University of Minnesota |
| CHEM 1021 | Chemical Principles I | Traditional | 4 | University of Minnesota |
| CHEM 111 | General Chemistry I | Traditional | 5 | Metropolitan State University |
| CHEM 1061 | Principles of Chemistry I | Traditional | 5 | Inver Hills Community College |
| CHEM 1117 | General, Organic, & Biological Chem | Traditional | 4 | Rochester Community & Technical |
| CHM 103 | General Chemistry | Traditional | 4 | University of Wisconsin LaCrosse |
| CHEM 208 | General, Organic, & Biochemistry I | Traditional | 4 | Winona State University |
| CHEM 302 | Physical Science for Elem Teachers | Traditional | 2 | St. Cloud State University |
| CHEM 111 | Chemistry and the World | Traditional |  | St. Olaf College |
| CHEM 121 | General Chemistry | Traditional |  | St. Olaf College |
| CHEM 101 | Elementary Principles of Chemistry | Traditional | 3 | University of Wisconsin River Falls |
| GC | Principles of Chemistry | Distance | 3 | University of Minnesota |
| CHEM 100 | Intro to Chemistry | Traditional | 4 | Ridgewater Community |
| CHEM 101 | Survey of Chemistry | Traditional | 4 | Ridgewater Community |
| CHM 151 | General Chemistry I | Distance | 3 | Rio Salado College |
| CHEM 100 | Elementary College Chemistry | Distance | 3 | Brigham Young University |
| NSC 1105M | Intro Physical Science |  |  | St. Ambrose University |
|  | Our Chemical World + Lab |  |  | Southwestern State |
|  | Understanding Chemistry | Traditional |  | Saint Cloud State University |