

### Off-Campus Offering

332 **Environmental Chemistry.** Principles and analysis of chemical movement and distribution in natural environments. Sampling and analytical methods are included for water, soil, and air. Work conducted both in natural habitats and the laboratory.

Prerequisites: One year of general chemistry and one semester of either biochemistry or organic chemistry. Offered in conjunction with the AuSable Institute.

### Graduate Courses

590 **Independent Study.** \* F, I, and S.

## Chinese

Associate Professors H. DeVries (chair), L. Herzberg

A Chinese language major is available under the Asian Studies Major, Track 1: Chinese Language Track (see "Asian Studies"). The major includes eight Chinese language courses and four culture courses.

There are two possible minors available, namely the Chinese language minor and the Chinese Study Group Minor.

Students can fulfill the two-year language requirement by taking Chinese 101 through Chinese 202.

During fall semester of each year, Calvin offers its own full-time Chinese language and history program in Beijing, China at Capital Normal University. The program in Beijing is for students with or without prior knowledge of Chinese. The advisor for the program is D. Bays of the History Department.

### THE CHINESE LANGUAGE MINOR

The minor consists of seven Chinese language courses including Chinese 101, 102, 201, 202, 215, 216, and either 217 or 218.

### THE CHINESE STUDY GROUP MINOR

The minor consists of Chinese 101, 102, 201, 202, and three courses chosen from Art 241, History 245, 246, 346, 371, or Semester in China 210, Philosophy 225, Political Science 277, Religion 255 or 355, or any one interim course on China including a Calvin-approved interim trip to China.

### COURSES

101 **Elementary Chinese (4).** F An introduction to Chinese language and culture, stressing both spoken and written Chinese. After one-semester students will be able to carry on simple conversations in (Mandarin) Chinese, read dialogues written in Chinese, and understand some fundamentals of Chinese social values and ways of thinking. Approximately 300 Chinese characters will be introduced.

102 **Elementary Chinese (4).** F A continuation of Chinese 101. Continued study of Chinese grammar, with equal emphasis on improving conversational proficiency and on reading and writing Chinese. Another 300 Chinese Characters will be introduced for reading and writing and as a medium for gaining insight into Chinese culture. Prerequisite: Chinese 101 or permission of the instructor.

201 **Intermediate Chinese (4).** F A continuation of Chinese 101. Continued study of Chinese grammar, with equal emphasis on improving conversational proficiency and on reading and writing Chinese. Another 300 Chinese Characters will be introduced for reading and writing and as a medium for gaining insight into Chinese culture. Prerequisite: Chinese 101 or permission of the instructor.

202 **Intermediate Chinese (4).** S. A continuation of Chinese 201. Completion of the study of basic Chinese grammar and further study of the Chinese writing system, with continued emphasis on both

speaking and reading. Two hundred more Characters are taught for reading comprehension and cultural understanding.

**215 Advanced Conversation (4).** F. This course is designed to develop advanced aural comprehension skills as well as advanced competence in spoken Chinese through exercises, drills, and conversation in class. Students will also continue their study of the written language by learning many new Chinese Characters or pictographs. Prerequisite: Chinese 202 or permission of the instructor.

**216 Advanced Grammar and Composition (4).** S. The systematic study of advanced grammar and composition. Students will learn many new Chinese Characters as they improve their skills in written Chinese. Conversation practice will also be emphasized. Prerequisite: Chinese 215 or permission of the instructor.

**217 Introduction to Modern Chinese Literature: 1911 to the Present (3).** F. A continuation of Chinese language study and an introduction to works written by major Chinese authors from 1911, when Chinese literature was first written in the modern vernacular, to the present, as well as selected readings on Chinese history, society, and culture. Prerequisite: Chinese 216 or permission of the instructor.

**218 Further Studies in Modern Chinese Literature: 1911 to the Present (3).** S. This course builds on Chinese 217 and deals with literary texts of greater linguistic difficulty. It also includes further language study and selected readings on Chinese history, society, and culture. Prerequisite: Chinese 217 or permission of the instructor.

## Classical Languages

*Professors K. Bratt, M. Williams (chair)*  
*Assistant Professors †G. McIntosh, J. Winkle*

The department offers four programs of concentration in Classical Studies, Classical Languages, Greek Language, and Latin Language. The program in Classical Studies combines some study of one of the languages with a broad study of Greco-Roman civilization and its later influence. The Classical Languages program is designed for graduate studies; the Greek language program is for pre-seminarians and for any others wishing to concentrate in Greek language and literature, and the Latin language program is for those intending to teach the language at the secondary school level and for any others wishing to concentrate in Latin language and literature.

Courses not normally scheduled may be offered to qualified students on an individual basis so that specific concentrations may be completed.

### CLASSICAL STUDIES MAJOR

Two 200-level Greek or Latin courses  
Classics 211  
Classics 221  
Classics 231  
Philosophy 251  
Two from History 232, 261, or 262  
Two from Art History 101, 233, 235, Greek 101, 102, History 262, 263, 264, Latin 101, 102, Philosophy 312, Religion 241, 341, CAS 325, 320, or additional courses in the selected languages  
One interim or Classics 241 or 242

### CLASSICAL STUDIES MINOR

Two 200-level Greek or Latin courses  
Classics 211  
Classics 221  
Classics 231  
History 261  
One elective drawn from Greek 101 or 102, Latin 101 or 102; additional work in intermediate or advanced Greek or Latin courses; History 232 or 262; or Philosophy 251