GE/0022

Physical Processes in Geology

Names, offices, and office hours:

Jan Tullis - GeoChem 033 - drop-in & by appt (Jan_Tullis@Brown.Edu)
Karen Fischer - GeoChem 163 - drop-in & by appt (Karen_Fischer@Brown.Edu)

Laura Cleaveland - Graduate TA; GeoChem 168 (Laura_Cleaveland@Brown.Edu)
Kate Rychert - Graduate TA; GeoChem 165 (Catherine_Rychert@Brown.Edu)

Elliot Grunewald - Undergrad CAP advisor & TA; GeoChem 113 (Elliot_Grunewald@Brown.Edu)
Brian Yellen – Undergrad CAP advisor & TA; GeoChem 013 (Brian_Yellen@Brown.Edu)

Mike Krawcznski - Undergrad TA; GeoChem 013 (Michael_Krawcznski@Brown.Edu)

2. Room: Lectures are in MacMillan Hall 115. Labs will meet in MacMillan Hall 103.

3. Textbook: Skinner and Porter - The Dynamic Earth (5th edition). This text contains most of the important facts and concepts, is quite easy to read, and has excellent photographs and diagrams.

4. Labs: There will be four labs during the semester; the first is the week of Sept. 8 - 12. These will provide small-group and hands-on experience with some geological materials and concepts. You will choose one of the following times: Tue. 4 - 6 PM, Tue. 7 - 9 PM, Wed. 3 - 5 PM or Wed. 7 - 9 PM for the weeks listed on syllabus. You must attend the same section (time) for each of the 4 labs.

5. Field Trips: There will be two, half-day trips on the dates shown on the syllabus. For each trip there will be two different sections; you can choose to go either Friday afternoon (12:30 PM to 5:00 PM) or Sunday afternoon (12:30 PM to 5:00 PM) for the first field trip; and either Friday afternoon (12:30 PM to 5:00 PM) or Saturday morning (8:30 AM to 1:00 PM) for the second field trip (sign-up sheets will be circulated the week before each trip).

6. Class: starts and ends on time, PLEASE. Important announcements will be made at the beginning of class. We will commonly show a few 35 mm slides during or at the end of lecture to illustrate important features or processes. Overhead transparencies may be used during some lectures and we will usually provide a handout copy of these for your notes.

7. Reading assignments: We suggest that you skim the assigned material before lecture, to get an idea for the important topics and concepts, and then read it in more detail after the lecture. Lectures will not duplicate the text material; some lectures will build on the reading but go beyond it, and some lectures may focus on other aspects of a topic. We will hand out a brief Guide to the Reading for most assignments.

8. Questions: We strongly encourage questions during lectures, or drop-in sessions, or via email.
Questions concerning lecture material (& exams) should be directed mainly to Jan and Karen; questions concerning labs and homeworks should be directed mainly to the TAs.

9. **Drop-in sessions:** Professors or TAs will be available in **GeoChem 029** each day to answer any questions you might have about the course, or about other matters. We encourage you to stop by and get acquainted. Here is the schedule: (If you cannot make any of these times let us know.)

   **Mon 3 - 4 PM  Tue 7 - 8 PM  Wed 2 - 3 PM  Thu 2 - 3 PM  Fri 1 - 2 PM**

10. **Exams:** There will be two one-hour exams and a final exam (see syllabus for dates). We will give you a separate sheet of study hints. During the semester we will give you several short (ungraded) practice questions in class, and before each exam we will make available copies of last year's exam. Final grades will **not** be assigned on the basis of a curve, such that everyone is competing against all others in the class; rather it is in everyone's best interest to help one another to learn the material. **Note:** you cannot pass this course if you fail the final exam.

11. **Grading:**
   Hour exams: (~20% each) ~40%
   Labs, homeworks, & field trips ~25%
   Final exam ~35%

12. **Course Homepage:** [http://www.geo.brown.edu/geocourses/ge_0022/index.html](http://www.geo.brown.edu/geocourses/ge_0022/index.html). This Homepage has copies of course information as well as updated announcements, a link to the set of 35 mm slides of geologic features we will use in many lectures, and links to other related geo web sites.

Return to the Geo 22 homepage