

Department of Geosciences -- BA in Geology Requirements Checklist

(For use by students entering the Geology program Fall Term, 2001 or later.)

Name: _____ Advisor: _____

___ LANGUAGE ENTRANCE REQUIREMENTS (Two years of high school foreign language, beginning with high school graduating class of 1997). If not met prior to admission, one term of OSU language = one year of high school.
Language taken _____; ___ 1st term ___ 2nd term

University Baccalaureate Core Requirements (48 + WIC course)

(15) **SKILLS** (must be from BCC approved list)

- (9) ___ Writing 121 ___ Writing II¹ ___ Writing/Speech III¹
- (3) Math 105 or higher. (Math 112, 251, or 252 recommended)²
- (3) ___ Fitness - HPE 231 Lifetime Fitness for Health
- ___ Writing Intensive Course (WIC) within the major (met by 427, 462, or 463)²

(27) **PERSPECTIVES** (must be from BCC approved list, and no more than 2 courses may be from the same department)

- (4) Physical Science (with Lab)²
- (4) ___ Biological Science (with Lab)
- (4) Choice of additional Biological or Physical Science (with Lab)²
- (3) ___ Western Culture
- (3) ___ Cultural Diversity
- (3) ___ Difference, Power & Discrimination
- (3) ___ Literature & the Arts
- (3) ___ Social Processes & Institutions

(6) **SYNTHESIS** (Upper Division - must be from approved list, and from different departments)

- (3) ___ Contemporary Global Issues
- (3) ___ Science, Technology & Society

(49-53) **NON-GEOLOGY COURSES** (Required from B.A. in Geology)

- (10-12) ___ Math (any 3 of MTH 112, 245, 251, 252, ST 201, 202)³
- (10) ___ Chemistry (either CH 121, 122 or 221, 222)
- (8-10) ___ Physics (either PH 104, 106 or 201, 202)
- ___ Computer intensive course (CS 101 or above, or within major)²
- (12) ___ Second year of foreign language
- (6) ___ Liberal Arts Electives (in addition to required BCC courses; music or art must be theory or history courses.)
- (3) ___ Additional writing/speech course¹

¹ See enclosed recommended list of writing/speech classes

² Automatically met by other degree requirements

³ Note that the College of Science requires 12 credits of Mathematical Sciences for BA. Students may need to choose additional coursework to fulfill degree requirement.

(52-55) **GEOLOGY COURSES** (Required for B.A. in Geology)

Basic Core

- (4) ___ GEO 201 Earth System Science (or GEO 102 with B or better)
- (4) ___ GEO 202 Physical Geology (or GEO 101 with B or better)
- (4) ___ GEO 203 Evolution of Planet Earth

Minerals and Rocks

- (4) ___ GEO 310 Earth Materials I: Mineralogy
- (4) ___ GEO 315 Earth Materials II: Petrology

Sedimentary Rocks

- (4) ___ GEO 470 Stratigraphy and Sedimentology

Structural and Field Geology

- (4) ___ GEO 340 Structural Geology
- (4) ___ GEO 462 Geosciences Field Methods

Other Courses

- (4) ___ GEO 301 Map and Image Interpretation
- (4) ___ GEO 322 Surface Processes
- (3) ___ GEO 411 Development of Geologic Thought
- (9-12) ___ Geosciences Electives (any GEO courses of 3 or more credits each, numbered 411 or higher)

UNIVERSITY REQUIREMENTS

These minimum hour requirements are met by combining all the courses taken above plus other electives taken at your choice. Additional electives may be needed to reach the following university degree requirements.

- ___ (180) Minimum number of credits required for B.A. degree
- ___ (60) Minimum number of upper division credits required on a program⁴

Any departure from these requirements must be approved by the Geosciences Department, College of Science, and/or University advisors, depending on the source of the requirement. Check with your Geology advisor.

Note: S/U grades are not accepted as meeting program requirements in the Geosciences Department.

STUDY ABROAD OPTION: BA in Geology or Geography and International co-degrees can be obtained by overseas study and exchange program for a quarter or a 1-year study abroad in which geology/geography, science, and/or liberal arts courses taken overseas could be substituted (with approval from the chief undergraduate geology or geography adviser). The student would need to fulfill international degree requirements (i.e., 32 additional credits of course work, including 4 courses from the BCC, an overseas learning experience, a mandatory 1-credit seminar course "Intro. to Thesis", a senior thesis, and a senior-level equivalency in a language). See International Education section of the General Catalog for details.

⁴ Fulfilling the requirements for the BA as listed in this sheet requires at least 47 credits of upper division coursework. The student must choose an additional 13 credits.

RECOMMENDED WRITING/SPEECH COURSES

Writing II:

- WR 201 (3) Writing for the Media
- WR 214 (3) Writing for Business
- WR 222 (3) English Composition
- WR 327 (3) Technical Writing
- WR 330 (3) Understanding Grammar

Writing III: Any of the above, or as listed below.

- COMM 111 (3) Public speaking
- COMM 114 (3) Argument and Critical Discourse
- COMM 218 (3) Interpersonal Communication

Additional Writing/Speech Courses beyond Writing II and III (3 credits or more from the list below).

Technical Writing:

- WR 462 (3) Science Writing

Scientific Journalism:

- WR 301 (4) Reporting
- WR 305 (4) Copy Editing
- WR 448 (3) Magazine Article Writing

Scientific Communication/Multimedia:

- COMM 280 (3) Media Communication in the Information Age

Speech:

- COMM 312 (3) Advanced Public Speaking
- COMM 314 (3) Argumentation
- COMM 316 (3) Advanced Persuasion
- COMM 322 (3) Small Group Problem Solving (Prereq: COMM 218)
- COMM 324 (3) Communication in Organizations
- COMM 326 (3) Intercultural Communication
- COMM 382 (4) Telemedia Design and Production