

Department of Earth Sciences, School of Science
BA Geology – Bachelor of Arts - Granted by Indiana University

IUPUI GENERAL EDUCATION CORE - 30 credits

Writing Competency (1 course) (satisfied by ENG-W 131)	3 cr. ____
Speaking and Listening Competency (1 course) (satisfied by COMM-R110)	3 cr. ____
Analytical Reasoning Competency (2 courses) (satisfied by MATH 15300 and 15400)	6 cr. ____
Life and Physical Sciences Competency (2 courses) (satisfied by CHEM-C 105 and 106)	6 cr. ____
Arts / Humanities / Social Sciences (3 courses) (HIST-H114 suggested under Social Sciences)	9 cr. ____
Cultural Understanding Competency (1 course) (satisfied by World Language Competency course)	3 cr. ____

SCHOOL OF SCIENCE BACCALAUREATE REQUIREMENTS*First Year Experience*

SCI-I 120 Windows on Science.	1 cr. ____
<i>English Composition and Communication Competency</i>	
ENG-W 131 English Composition I	3 cr. ____
2nd Composition Course	3 cr. ____
COMM-R 110 Speech Communication	3 cr. ____
<i>World Language Competency</i>	
First-year proficiency in a world language; See advisor or Bulletin for details	10 cr. ____
<i>Arts & Humanities and Social Sciences Competency</i>	
See Gen Ed Core above	9 cr. ____
<i>Life and Physical Sciences Competency</i>	
CHEM-C 105/C 125 Principles of Chemistry I & Lab	5 cr. ____
CHEM-C 106/C 126 Principles of Chemistry II & Lab	5 cr. ____
One biology course with lab	5 cr. ____
One other science course with lab	5 cr. ____
<i>Analytical Reasoning Competency</i>	
MATH 15300 Algebra and Trigonometry I	3 cr. ____
MATH 15400 Algebra and Trigonometry I	3 cr. ____
<i>Computer Science Competency</i>	
CSCI-N 207 or other approved computer course	3 cr. ____
<i>Candidacy for Graduation</i>	
CAND 99100 (last semester)	0 cr. ____

GEOLOGY B.A. PROGRAM / MAJOR COMPETENCIES

No grade below C- will be accepted in any of these courses.

GEOLOG-G 110 Physical Geology	3 cr. ____
GEOLOG-G 120 Physical Geology Laboratory	1 cr. ____
GEOLOG-G 205 Reporting Skills in the Geosciences	3 cr. ____
GEOLOG-G 221 Mineralogy	4 cr. ____
GEOLOG-G 222 Petrology	4 cr. ____
GEOLOG-G 334 Sedimentology & Stratigraphy	4 cr. ____
GEOLOG-G 335 Evolution of Earth and Life	4 cr. ____
Four additional Geology courses at the 300- or 400-level	3 cr. ____
_____	3 cr. ____
_____	3 cr. ____
_____	3 cr. ____

BA GEOLOGY CAPSTONE REQUIREMENT

Satisfied by GEOLOG-G 420, G460, or G495 3 cr. ____

GENERAL ELECTIVES – 24 credits*

_____ cr. ____	_____ cr. ____
_____ cr. ____	_____ cr. ____
_____ cr. ____	_____ cr. ____
_____ cr. ____	_____ cr. ____

BA Geology Degree Sample Plan of Study**First Year**

Fall Semester (1)	
Course	Credits
SCI-I 120 Windows on Science	1
GEOLOG-G 110 Physical Geology	3
GEOLOG-G 120 Physical Geology Laboratory	1
CHEM-C105 Principles of Chemistry I	3
CHEM-C125 Experimental Chemistry I	2
MATH 15300 Algebra and Trigonometry I	3
ENG-W131 Elementary Composition I	3
Spring Semester (2)	
Course	Credits
COMM-R110 Fundamentals of Speech Comm.	3
CHEM-C106 Principles of Chemistry II	2
CHEM-C126 Experimental Chemistry II	3
MATH 15400 Algebra and Trigonometry II	3
Second Composition Course	3
Elective (GEOLOG-G 130 course suggested)	1

Second Year

Fall Semester (3)	
Course	Credits
GEOLOG-G 335 Evolution of Earth and Life	4
GEOLOG-G 221 Mineralogy	4
Biology course with lab	5
Arts/Humanities/Social Science Course	3
Spring Semester (4)	
Course	Credits
GEOLOG-G 205 Reporting Skills in the Geosciences	3
GEOLOG-G 222 Petrology	4
Science course with lab	5
CSCI-N 207	3
World Language Course	3

Third Year

Fall Semester (5)	
Course	Credits
GEOLOG-G 334 Sedimentology and Stratigraphy	4
GEOLOG-G 300 or 400 elective	3
Arts/Humanities/Social Science Course	3
Elective	3
Elective	3
Spring Semester (6)	
Course	Credits
GEOLOG-G 300 or 400 elective	3
Arts/Humanities/Social Science Course	3
World Language Course	3
Elective	3
Elective	3

Fourth Year

Fall Semester (7)	
Course	Credits
GEOLOG-G 300 or 400 elective	3
World Language Course	3
Elective	3
Elective	3
Spring Semester (8)	
Course	Credits
GEOLOG-G 300 or 400 elective	3
Capstone	3
Elective	3
Elective	3
CAND 99100	0

* if SoS requirements used to satisfy Gen Ed Core