IUPUI University College  
School of Science  

Geology – Bachelor of Arts  

Granted by Indiana University and offered through the Department of Earth Sciences

Required: SCI-I 120 Windows on Science. With permission another Learning Community may be substituted. 1 cr. ___

AREA I COMMUNICATION – 9 credits
A. English Composition – 6 credits  
(Grade of a C or better in each course is required.)

ENG-W 131 (ENG-W 140) English Composition I 3 cr. ___

Second composition course
ENG-W 132 (ENG-W 150) or ENG-W 231 3 cr. ___

GEOL-G 205 may be used as a second composition course.

B. Speech Communication – 3 credits
COMM-R 110 Speech Communication 3 cr. ___

AREA II FOREIGN LANGUAGE – 10 cr.
First year proficiency is required for the BA in Geology degree.

AREA III GENERAL EDUCATION REQUIREMENTS - 39 cr.
A. Humanities, Social Sciences, & World Cultures – 12 credits

HIST-H 114 Western Civilization II 3 cr. ___

One course each from List H, S and C.
See School of Science Course List under checksheets.

List H: ____________________________ 3 cr. ___
List S: ____________________________ 3 cr. ___
List C: ____________________________ 3 cr. ___

B. Junior/Senior Integrator
Not required for the BA in Geology degree

C. Physical and Biological Sciences – at least 18 credits  
(No grade below C- will be accepted in any of these courses.)

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 4-5 cr. ___
One other science with lab 4-5 cr. ___

D. Math and Computer Science – 8-9 credits  
(No grade below C- will be accepted in any of these courses.)

MATH 15300 & 15400 College Algebra & Trig I & II 6 cr. ___
-OR-
MATH 15900 Pre-Calculus 5 cr. ___

CSCI-N 207 or other approved computer course 3 cr. ___

AREA IV Geology Program Requirements – at least 35 credits  
(No grade below C- will be accepted in any of these courses.)

Major Requirements – 23 credits
GEOL-G 110 Physical Geology 3 cr. ___
GEOL-G 120 Physical Geology Laboratory 1 cr. ___
GEOL-G 205 Reporting Skills in the Geosciences 3 cr. ___
GEOL-G 221 Mineralogy 4 cr. ___
GEOL-G 222 Petrology 4 cr. ___
GEOL-G 334 Sedimentology & Stratigraphy 4 cr. ___
GEOL-G 335 Evolution of Earth and Life 4 cr. ___

Major Options – 12 cr
Four additional Geology courses at the 300- or 400-level, with department approval

__________________________________________ 3 cr. ___
__________________________________________ 3 cr. ___
__________________________________________ 3 cr. ___
__________________________________________ 3 cr. ___

Capstone Requirement
Satisfied by GEOL-G 420, G460, or G495

__________________________________________ _ cr. ___

Electives – up to 25 credits

__________________________________________ _ cr. ___
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GENERAL INFORMATION
A. A minimum of 122 credit hours must be completed for graduation. This total must include residence of at least two semesters at IUPUI and completion of at least 32 credit hours at the 300-level or above taken at IUPUI.
B. No more than 6 credit hours of athletic, studio, clinical, performing arts course work will count towards the degree.
C. Independent study (correspondence) courses may be taken for general electives up to a maximum of 12 credit hours with approval from the School of Science.
D. Courses taken on the pass/fail option will only count as general electives and not towards any degree requirements of the School or Program.