

## Bachelor of Arts in Geological Sciences (Final Two Years Option)

| YEAR 3  |    |  |    |
|---|----|--|----|
| <b>FALL</b>   |    | <b>SPRING</b>  |    |
| EES 230 (Fundamentals of Geology I)                                   | 3  | EES 235 (Fundamentals of Geology II)                           | 3  |
| EES 3—Elective/Other  | 3  | EES 360 (Mineralogy)   | 4  |
| 300+ Elective   | 3  | *EES 295 (Geoscience Orientation, Spring Even numbered Years.) | 1  |
| 300+ Elective   | 3  | EES 3—Elective/Other   | 3  |
| <sup>i</sup> Other electives, for a maximum of 19 hours per semester. | 3+ | Other electives, for a maximum of 19 hours per semester.       | 3+ |
| Total Credits: 15-19  |    | Total Credits: 15-19   |    |
| YEAR 4  |    |  |    |
| <b>FALL</b>   |    | <b>SPRING</b>  |    |
| EES 450 (Sedimentary Geology)   | 3  | *EES 295 (Geoscience Orientation, Spring Even numbered Years.) | 1  |
| EES 461 (Igneous/Metamorphic Petrology)                               | 4  | EES 420 (Structural Geology)                                   | 4  |
| EES 400+ elective   | 3  | EES 400+ elective  | 3  |
| Other electives, for a maximum of 19 hours per semester.              | 3+ | Other electives, for a maximum of 19 hours per semester.       | 3+ |
| Total Credits: 15-19  |    | Total Credits: 15-19   |    |

This 2-year plan for the major is based on the assumption that the student has completed UKCore and Arts and Science requirements, although some of these can still be met using EES classes and/or electives. This plan also assumes all pre-major and major requirements outside of EES will be or have been fulfilled. This plan also assumes that a course equivalent to EES 220 (Principles of Physical Geology) has been taken. Most Kentucky community colleges offer this course as GLY 220. Another option for students who plan to transfer to UK, or start the Geological Sciences major in the Fall, is to take Western Kentucky University's online EES 220-equivalent course during the previous Summer: The Earth (GEOL 111) and The Earth Lab (GEOL 113). Online courses and other potential options can be found here: <http://www.kyvc.org/>

<sup>1</sup> Students should be sure to take at least 11 hours of 300+ electives beyond their EES courses. 6 hours of 'free' electives - that do not count toward any other requirement - must be taken. Additional electives may be required to reach the required minimum of 120 hours. Consider pursuing a 2<sup>nd</sup> major or minor.

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| <b>UK Core Abbreviations</b>                        | CC1= Composition and Communication I            |
| HUM =Intellectual Inquiry in the Humanities         | CC2= Composition and Communication II           |
| NPM=Intellectual Inquiry in the                     | QFO= Quantitative Foundations                   |
| Natural/Physical/Mathematical Science               | SIR= Statistical Inferential Reasoning          |
| SSC=Intellectual Inquiry in Social Sciences         | CCC= Community, Culture and Citizenship in U.S. |
| ACR=Intellectual Inquiry in Arts & Creativity       | GDY= Global Dynamics                            |
|   | GCCR= Graduation Composition and Communication  |
| <b>College of Arts &amp; Sciences Abbreviations</b> |   |
| SS: Social Sciences                                 | NS: Natural Sciences                            |
| Lab: College Laboratory or Field Experience         | HUM: Humanities                                 |