Commonwealth of Virginia
Department of Professional and Occupational Regulation
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Department of Professional and Occupational Regulation

Board for Professional Soil Scientists, Wetland Professionals, and Geologists
GEOLOGY INFORMATION SHEET

Applications not completed in accordance with these instructions will be returned to the applicant. Completed application packages should include the following:

- The $110.00 application fee.
- A completed *Geologist License & Reinstatement Application*.
- A certified Certification of Regulant Status/Certification of Licensure/Letter of Good Standing from each state in which you have held a Geology license/certification/registration. Certifications/letters may be mailed to the Board for Geology directly from the states (if applicable).
- Official college/university transcripts verifying the degrees and education listed on the *Geologist License & Reinstatement Application*.
- Transcripts may be mailed directly from the school to the board office at the address listed above.
- Completed *Geological Work Experience Log(s)*.

You are responsible for requesting all necessary certifications, letters and transcripts.

Policy Core Requirements:

At least 12 semester hours in **4** of the **7** identified core courses or the equivalent are required for course work **or** a degree core to be considered a geologic degree or a related geological science degree. If the course title on the transcript does not convey to the Board that the course meets the definition, then it is incumbent upon the applicant to supply the course description from a catalog that will enable the Board to verify that the "core" course meets the accepted definition.

Stratigraphy Course
A course on rock strata. It is concerned not only with the original succession and age relations of rock strata, but also with their form, distribution, lithologic composition, fossil content, geophysical, and geochemical properties. It involves all characteristics and attributes of rocks *as strata*; and their interpretation in terms of environment or mode of origin, and geologic history. All classes of rocks, consolidated or unconsolidated, fall within the general scope of stratigraphy.

Structural Geology Course
A course that deals with the form, arrangement, and internal structure of the rocks, and especially with the description, representation, and analysis of *structures*, chiefly on a moderate to small scale.

Mineralogy Course
A course concerning the study of minerals: formation, occurrence, properties, composition, and classification.

Hydrogeology Course
A course focused on the study of groundwater, including its occurrence, movement, and interaction with the surrounding geologic and environmental systems. The curriculum typically covers processes such as groundwater recharge, flow through aquifers, and the physical and chemical interactions between water, soil, and rock

Petrology Course

A course that encompasses the origin, occurrence, structure, and history of rocks, especially igneous and metamorphic rocks.

Geomorphology Course

A course that encompasses the general configuration of the Earth's surface; specifically the study of the classification, description, nature, origin, and development of present landforms and their relationships to underlying structures, and of the history of geologic changes as recorded by these surface features.

Field Geology Course

A course that emphasizes the use of basic field equipment and learning how to create, read and interpret geologic maps. It involves mapping in the field, collection and interpretation of field data, and compilation and reporting of the data.

WHERE QUESTIONS ARISE AS TO THE ACCEPTABILITY OF ANY COURSE LISTED ON THE APPLICANT'S TRANSCRIPTS, IT IS THE APPLICANT'S RESPONSIBILITY TO DEMONSTRATE COURSE EQUIVALENCY.