

State	Does this jurisdiction license geologists?	Source of licensure information	Educational requirements (from listed source)	Does the B.S. degree meet the educational requirements	Does the B.A. degree meet the educational requirements	Comments
Alabama	Yes	https://asbog.org/states/al.pdf	Degree with major in geology, engineering geology, or one of the related geological sciences, such as geophysics, or has obtained a graduate degree in one of the aforementioned disciplines from a department with formal curriculum in geology. Includes 30 semester hours or quarter hours equivalent of geologic course work	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Alaska	Yes	https://asbog.org/states/ak.pdf	Requires meeting AIPG standards which are "Applicants for certification have a bachelor's degree or higher in the geological sciences with a minimum of 36 semester hours or 54 quarter hours of geology ..."	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
American Samoa	No	N/A	NA	NA	NA	
Arizona	Yes	https://asbog.org/states/az.pdf	To qualify for the in-training examination, a candidate must have four years of education and/or experience in the practice of geology, acceptable to the Board	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Arkansas	Yes	https://asbog.org/states/ar.pdf	Have graduated from an accredited college or university with either a major in geology, engineering geology, geological engineering or an earth science-related major that has been approved by the State Board of Registration for Professional Geologists. Such a degree will have to consist of the appropriate number of hours of geologic courses that would normally constitute a geology degree and will be evaluated on a case-by-case basis.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework and represent robust traditional degrees

California	Yes	https://www.bpc.lsg.ca.gov/applicants/faq_gg.pdf	(b) Meet either of the following educational requirements fulfilled at a school or university whose curricula meet criteria established by rules of the board: (1) Graduation from a college or university with a major in geological sciences or any other discipline that, in the opinion of the board, is relevant to geology. 14 Geology and Geophysics Frequently Asked Questions (FAQs) (2) Completion of a combination of at least 30 semester hours, or the equivalent, in courses that, in the opinion of the board, are relevant to geology. At least 24 semester hours, or the equivalent, shall be in upper division or graduate courses.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework, 30 of which are upper division credits
Colorado	No	https://asbog.org/states/co.pdf	NA	NA	NA	
Connecticut	No	https://asbog.org/states/ct.pdf	NA License is required for environmental professionals, including geologists, who are engaged in the investigation and remediation of certain parcels on which hazardous waste and/or petroleum contamination exists and will verify that such activities have been undertaken and accomplished according to state standards, requirements and regulations ... the only educational requirement is a four-year degree in a relevant subject area.	NA	NA	
Delaware	Yes	https://asbog.org/states/de.pdf	Major in geology or 30 hours of geology or sub-disciplines of which 24 credit hours are third- or fourth-year courses or graduate courses	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework, 30 of which are upper division credits
District of Columbia	No	N/A	NA	NA	NA	
Florida	Yes	https://asbog.org/states/fl.pdf	Degree in geology or related field, plus 30 semester hours of geological courses	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.

Georgia	Yes	https://asbog.org/g/states/ga.pdf	Have graduated from an accredited college or university which has been approved by the board with a degree in either geology, engineering geology, or geological engineering; or have completed 30 semester hours (45 quarter hours) or the equivalent in geological science courses leading to a major in geology, of which at least 24 semester (36 quarter hours) hours or the equivalent were taken in the third or fourth year or in graduate courses	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Guam	No	N/A	NA	NA	NA	
Hawaii	No	https://asbog.org/g/states/hi.pdf	NA	NA	NA	
Idaho	Yes	https://asbog.org/g/states/id.pdf	The following shall be considered as minimum evidence that the applicant is qualified to take an examination for registration as a professional geologist: Completion of 30 semester units in courses in geological science leading to a degree in the geological sciences, of which at least 24 units are in third or fourth year, and/or graduate courses.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Illinois	Yes	https://asbog.org/g/states/il.pdf	Degree in geology with 30 semester or 45 quarter hours with 24 semester or 36 quarter hours in upper level geology courses	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Indiana	Yes	https://asbog.org/g/states/in.pdf	Completion of at least 30 semester hours or 45 quarter hours culminating in a Baccalaureate or an advanced degree in geosciences.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Iowa	No	https://asbog.org/g/states/ia.pdf	NA Iowa does not have a certification or registration program for geologists. However, Iowa does have a certification program for Groundwater Professionals as follows: A Groundwater Professional is defined by Chapter 134 as a "person who provides subsurface soil contamination and groundwater consulting services, or who contracts to perform or who supervises remediation or corrective action services at leaking underground storage tank sites." These services and activities must be provided by or directly supervised by a certified groundwater professional. All reports submitted to the Iowa Department of Natural Resources must be signed by the Certified Groundwater Professional supervising the work at the site.	NA	NA	

Kansas	Yes	https://asbog.org/g/states/ks.pdf	Graduate of a course of study in geology or equivalent four-year curriculum with at least 30 semester hours of geology.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Kentucky	Yes	https://asbog.org/g/states/ky.pdf	45 quarter/30 semester hours; degree in geology or related field	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Louisiana	Yes	https://asbog.org/g/states/la.pdf	Graduated from a course of study in a discipline of geoscience satisfactory to the Board that consists of at least four years of study including at least 30 semester hours or 45 quarter hours of credit in geoscience, of which at least 20 semester hours or 30 quarter hours of credit must be in upper-level college courses in that discipline. Alternatively, satisfactorily completed other equivalent educational requirements as determined by the Board.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework, 30 of which are upper division credits
Maine	Yes	https://asbog.org/g/states/me.pdf	Baccalaureate or Master's in geological sciences or 30 semester credits in geological sciences.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Maryland	No	https://asbog.org/g/states/md.pdf	NA	NA	NA	
Massachusetts	No	https://asbog.org/g/states/ma.pdf	NA No current licensure of geologists in Massachusetts. Pursuant to Massachusetts General Laws chapter 21A, sections 19-19J, the Board of Registration of Hazardous Waste Site Cleanup Professionals licenses individuals who, by reason of appropriate education, training, and experience, are qualified, to render waste site cleanup activity opinions that can be relied on as sufficient to protect public health, safety, welfare, and the environment. Minimum requirement for this is Baccalaureate, Masters, or Doctorate degree from an accredited college or university with a major or concentration in an approved field.	NA	NA	

Michigan	No	https://asbog.org/states/mi.pdf	NA Michigan does not require licensure or registration of geologists. Sections of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, set standards for persons preparing or reviewing certain geologic reports or data in specific instances.	NA	NA	
Minnesota	Yes	https://asbog.org/states/mn.pdf	Graduation from an approved geoscience curriculum or equivalent	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Mississippi	Yes	https://asbog.org/states/ms.pdf	Degree in geology with 30 semester hours or 45 quarter hours	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Missouri	Yes	https://asbog.org/states/mo.pdf	Applicant shall have graduated from a course of study satisfactory to the Board which includes 30 semester/45 quarter hours of credit in geology	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Montana	No	https://asbog.org/states/mt.pdf	NA	NA	NA	
Nebraska	Yes	https://nebog.nebraska.gov/sites/default/files/doc/NEBOGHandbook.pdf	2.2.1. Applicants for the FG Examination must have completed a minimum of thirty semester hours or forty-five quarter hours of geology regardless of whether or not geology or geologic specialty degree has been earned. 2.2.2. Applicants for the PG Examination are required to have completed at least thirty semester hours or forty-five quarter hours of geology course work and earned a baccalaureate or advanced degree in geology or geologic specialty which includes five of the following courses or the Board approved equivalents: field geology, physical geology, mineralogy, petrology/petrography, structural geology, stratigraphy/sedimentology/soils, or hydrogeology.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework. Both require courses in Physical Geology, Mineralogy, Petrology, Structural Geology, sedimentology & stratigraphy. Furthermore, students can take an elective course in hydrogeology and take a field camp as a capstone.

Nevada	No	https://asbog.org/states/nv.pdf	<p>NA</p> <p>There is currently no requirement for licensure or registration as a professional geologist in Nevada; however, a person must be a Certified Environmental Manager (CEM) before consulting for a fee in matters concerning: the management of hazardous waste; the investigation of a release or potential release of a hazardous substance; the sampling of any media to determine the release of a hazardous substance; the response to a release or cleanup of a hazardous substance; or the remediation of soil or water contaminated by a hazardous substance. One must have a bachelor's degree to apply for the CEM designation.</p>	NA	NA	
New Hampshire	Yes	https://asbog.org/states/nh.pdf	<p>Bachelor's degree, including a minimum of 30 semester hours or 45 quarter hours in geology.</p>	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
New Jersey	No	https://asbog.org/states/nj.pdf	<p>NA</p> <p>Geologists who act as site remediation professionals may be licensed under the Site Remediation Reform Act (SRRRA) passed May 2009 as Licensed Site Remediation Professionals (LSRP). The primary function of the Site Remediation Professional Licensing Board is to establish licensing requirements and oversee the licensing and performance of site remediation professionals. For more information, email the Board Executive Director at SRPLBoardContact@dep.nj.gov or call 609-984-3424. Minimum education requirement for LSRPs is a Bachelor's degree in science or engineering.</p>	NA	NA	
New Mexico	No	https://asbog.org/states/nm.pdf	NA	NA	NA	

New York	Yes	https://www.op.nysed.gov/professions/geology/license-requirements	<p>You must document that you have completed a BA or BS degree in geological sciences from an accredited college or university in accordance with Section 52.46 of the Regulations of the Commissioner of Education or the substantial equivalent as determined by the Department. The program must include the following coursework:</p> <p>At least six (6) semester hours in mathematics beyond college algebra and trigonometry such as calculus, statistics, linear algebra, differential equations or their equivalent and fifteen (15) additional semester hours in a combination of at least two of the following sciences: physics, chemistry, or biology or their equivalent as determined by the Department; and a minimum of thirty (30) semester hours, or the substantial equivalent, of approved geological sciences courses**. Twenty-four (24) of the thirty semester hours, or the equivalent, must be from the following subject areas, and must include at least one course from four of eight different areas:</p> <ul style="list-style-type: none"> Earth Materials Sedimentary Geology Geotechnology Surficial and Near-Surface Geology Hydrogeology Geodynamics and Geophysics Economic Geology Geological Skills/Applications 	Yes	No	<p>The Geology B.S. degree at SUNY Potsdam is recognized as licensure compliant by the NYSED Office of Professions.</p> <p>The Geology B.A. degree at SUNY Potsdam is registered by the New York State Education Department but is not recognized as a licensure compliant program by the NYSED Office of Professions. Although the B.A. degree contains all of the necessary geology classes, B.A. students who wish to pursue licensure in NYS would need to take an additional three credits of college-level math (beyond college algebra) and three additional credits in college-level chemistry, biology, or physics (note: this is our interpretation of the requirements and graduates should double check with NYSED).</p>
North Carolina	Yes	https://asbog.org/states/nc.pdf	Degree in geology or related science, or completion of 30 semester hours leading to a major, of which 24 hours are in upper level undergraduate or graduate courses	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework, 30 of which are upper division credits.
North Dakota	No	https://asbog.org/states/nd.pdf	NA	NA	NA	
Commonwealth of Northern Mariana Islands	No	N/A	NA	NA	NA	
Ohio	No	https://asbog.org/states/oh.pdf	NA	NA	NA	

Oklahoma	No	https://asbog.org/states/ok.pdf	NA	NA	NA	
Oregon	Yes	https://asbog.org/states/or.pdf	Minimum of 45 quarter hours (30 semester hours) of geology, with 36 hours upper division or graduate level.	No	No	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework, 30 of which are upper division credits. In order to be licensed in Oregon, both B.A. and B.S. students would need to take an additional seven credits of geology, six of which would need to be upper division.
Pennsylvania	Yes	https://asbog.org/states/pa.pdf	Graduation from an accredited institution of higher learning in the United States, having majored in geology, geophysics, geochemistry or engineering geology having completed 30 semester hours or 45 quarter hours in the major. Candidate's curricula must include completion of courses in structural geology and field methods.	No	No	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework and Structural Geology is one of the required courses. However, B.A. and B.S. students that want to meet the educational requirements in PA would need to take a geology field camp as their required capstone experience (B.S.) or as an elective (B.A.)
Commonwealth of Puerto Rico	Yes	https://asbog.org/states/pr.pdf	Four-year degree in geological science or 30 semester hours of approved geological science courses	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Rhode Island	No	https://asbog.org/states/ri.pdf	NA	NA	NA	
South Carolina	Yes	https://asbog.org/states/sc.pdf	Four-year degree in geologic curriculum	Yes	Yes	
Tennessee	Yes	https://asbog.org/states/tn.pdf	Must be a graduate of an accredited college or university. The applicant shall have successfully completed a minimum of 30 semester or 45 quarter hours of course work in geology, geophysics, geochemistry, engineering geology or their subdivisions.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework.
Texas	Yes	https://asbog.org/states/tx.pdf	Baccalaureate in Geology, Geophysics or Soil Science.	Yes	Yes	
Utah	Yes	https://asbog.org/states/ut.pdf	Minimum of Bachelor's degree	Yes	Yes	

Vermont	No	https://asbog.org/states/vt.pdf	NA	NA	NA	
Virginia	Yes	https://asbog.org/states/va.pdf	Hold a Baccalaureate or higher degree from an accredited college or university, with a major in geology, engineering geology, geological engineering or a related geological sciences. In the absence of one of the aforementioned degrees, each applicant shall provide evidence of the satisfactory completion of 30 semester hours (or the equivalent) of geological science courses, including, but not limited to, the following subjects: stratigraphy, structural geology, mineralogy, paleontology, petrology, geomorphology, and field geology. At least 12 of the 30 semester hours must have been completed in four the seven listed subjects.	Yes	Yes	Both the B.S. and the B.A. satisfy the first requirement and, even if they didn't, both require 24 credits in six of the seven listed subdisciplines
Virgin Islands	No	N/A	NA	NA	NA	
Washington	Yes	https://asbog.org/states/wa.pdf	Graduation from an accredited college or university with a degree in geology, engineering geology, hydrogeology or one of the related geological sciences, or educational equivalents, AND successful completion of a minimum of 24 semester/36 quarter hours or their equivalent of course work in geological science. This includes 14 semester/21 quarter hours of unduplicated credits from the board's core content list, which is comprised of courses covering physical geology, historical geology, structural geology, mineralogy/petrology, and sedimentary geology/stratigraphy.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework. Both require a total of 24 credits in courses that cover all of the core content areas.

West Virginia	No	https://asbog.org/states/wv.pdf	<p>NA</p> <p>There is currently no requirement for registration as a professional geologist in West Virginia. Individuals who act as site remediation professionals may be licensed under the Licensed Remediation Specialist Program, outlined in §60-3-5 of the Voluntary Remediation and Redevelopment Rule (W. Va. Legislative Rule 60CSR3), as a Licensed Remediation Specialist (LRS). A LRS is an individual certified by the West Virginia Department of Environmental Protection as qualified to supervise the assessment and remediation of contaminated sites. Licensed Remediation Specialists must meet minimum education and experience requirements, and pass an examination administered by the West Virginia Department of Environmental Protection. Remediation of sites in the Voluntary Remediation Program and UECA-LUST Program must be supervised by an LRS. Candidates may meet minimum education and experience requirements through either the standard track or the alternative track as defined in the Voluntary Remediation and Redevelopment Rule. The standard track is for an individual who has earned a baccalaureate, masters, or doctorate degree from an accredited education institution. The alternative track is for an individual who has earned at least a high school diploma, but does not meet the requirements for the standard track.</p>	NA	NA	
Wisconsin	Yes	https://asbog.org/states/wi.pdf	Bachelor's degree or a degree with 30 semester or 45 quarter hours in geology sufficient to constitute a major.	Yes	Yes	
Wyoming	Yes	https://asbog.org/states/wy.pdf	Bachelor's degree in geology (or another four-year academic program) from an institution of higher education approved by the Board, but with a minimum of 30 semester or 45 quarter hours of geology course work. At least twenty-four (24) of the semester hours or thirty-six (36) of the quarter hours in geology should be in at least five (5) of the following subject areas: economic geology, engineering geology, environmental geology, field geology, geochemistry, geomorphology, geophysics, hydrogeology, mineralogy, paleontology, petrology, sedimentology, stratigraphy, or structural geology.	Yes	Yes	Both the Geology B.A. and the Geology B.S. require a minimum of 38 credits in GEOL coursework. We require a total of 27 required credits (seven classes) in eight of the listed content areas.