



Perennial Internship Program – Summer 2025

Internship Position Description

Internship Title: GIS Technician/Environmental Scientist

Internship Site: Vanasse Hangen Brustlin, Inc. (VHB), South Burlington, VT (*moving to Winooski, VT in Spring 2025*)

Description: Vanasse Hangen Brustlin, Inc. (VHB) is seeking qualified applicants from the Rubenstein School of Environment and Natural Resources (RSENR) for a summer internship position to serve as an entry-level GIS Technician/Environmental Scientist at our South Burlington, Vermont office, moving soon to new office space in Winooski. Companywide, VHB is a firm with over 2,000 professionals that provides integrated environmental, transportation, and land development services from 32 locations along the eastern seaboard. Locally, our diverse and VT focused portfolio includes projects related to utilities, renewable energy, ski resorts, agriculture, transportation infrastructure, municipalities, and real estate development. VHB is committed to providing a challenging, fun, and rewarding work environment.

The entry-level GIS Technician/Environmental Scientist position will primarily involve tasks such as GIS mapping but may have the opportunity to complete field work throughout Vermont and neighboring states with our Natural Sciences, Water Resources or Historic Preservation groups.

Primary duties may include GIS mapping tasks, including field data processing, data management and analysis using Esri ArcGIS Pro desktop software, map-making, as well as creating field maps, dashboards or experiences in ArcGIS Online or Enterprise Portal.

Other responsibilities may include measuring soil, groundwater, and surface water quality parameters; collection of soil and water samples; assisting with wetland identification and delineation; wildlife habitat, floristic, or natural community surveys; ecological monitoring; and GPS data collection. Key responsibilities will involve the ability to conduct tasks both independently and as part of a team, with instruction and mentoring from project managers and other scientists. Responsibilities may involve working in remote field locations, at night, on weekends, and/or in challenging weather conditions.

VHB prioritizes the health and safety of its employees, and field work is always conducted in accordance with the best available safety protocols. VHB employees across our footprint have adopted a work-from-home/ in-office hybrid schedule. Office/ computer-based tasks will be completed, with VHB-provided equipment.

Desired qualifications/skills/coursework*: This position requires that the student be enrolled in RSENR's core curriculum, with a concentrated study in environmental science, natural resources, wetland science, and/or a related field. This position

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also requires that the student has successfully completed at least an introductory environmental sciences course (e.g., ENSC 1) with additional completion of environmental science-related coursework desirable. The ideal candidate will have strong writing and computer skills including proficiency in Microsoft Word, Microsoft Excel, and Esri's ArcGIS Pro desktop software and ArcGIS Online (AGOL) and or Enterprise Portal online platforms. Experience with Field Maps and or Survey123 mobile data collection software is a plus. The ideal candidate will be motivated and detail oriented. Valid driver's license preferred, but student does not need access to personal vehicle.

Supervision: This position will be supervised by one of VHB's GIS Analysts based in Vermont, but will be part of the larger New England GIS group, and will have opportunities to work with a variety of environmental scientists and GIS staff at different stages of their careers.

Start and End Dates: (Mid-May to Mid-August 2025 – exact start/end dates are negotiable)

Total Hours: (20 hours/week for 12 weeks, guaranteed). Depending on workload, 40 hours/week or more may be available during some or all of the internship.

Compensation: \$18/hour

How to apply: STUDENTS WILL APPLY THROUGH THE RUBENSTEIN SCHOOL – SARAH MELL WILL FILL IN THIS INFORMATION ONCE WE FINALIZE THE DETAILS OF THE APPLICATION PROCESS ON OUR END.

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