



STEM Ambassadors are UVM students studying Science, Technology, Engineering, or Math, and trained to deliver experiential STEM activities to Vermont youth. Their mission is to share the possibilities of these fields through hands-on learning experiences and to connect Vermont youth to UVM resources through on-campus events, such as the STEM Showcase.

Using proven models of hands-on learning, STEM Ambassadors aim to inspire and motivate Vermont youth to pursue further education in the STEM fields, while also bringing awareness of STEM opportunities available in Vermont.

STEM Ambassadors facilitate learning modules based on STEM subjects, such as engineering, computer science, environmental science, and robotics. These modules are presented at schools, afterschool programs, youth-serving organizations, on campus, and through online platforms. The Ambassadors create unique programming each semester based on their majors and interests.

The STEM Ambassadors program is a collaboration between the **College of Engineering and Mathematical Sciences** and the **College of Agriculture and Life Sciences, Extension 4-H**. The program is a member of the National Engineering Ambassadors Network.



College of Engineering
and Mathematical Sciences

For more Information:
<https://go.uvm.edu/stem-ambassadors>

Questions? Please contact:

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Become a STEM Ambassador

Do you love learning? Do you enjoy working with kids? Are you enthusiastic about your STEM major? If you can say “yes” to these questions, you’d probably make a great **STEM Ambassador!**

STEM Ambassadors receive training in safely working with youth, the experiential education process and inquiry-based approaches, and the facilitation of hands-on learning modules.

STEM Ambassadors also have the opportunity to participate in a national Engineering Ambassadors annual training, with students from around the country.

STEM Ambassadors develop valuable skills such as facilitation, communication, presentation, and collaboration, as well as knowledge of youth development and experiential education.



Hosting STEM Ambassadors

Possible topics for the hands-on activities include:

Engineering / Robotics and Coding
Animal Science / Healthy Living
Environmental Science

Programs can be during the school day or after school, and take place in school, at a community site (such as a library or community center), or an afterschool program. However, as college students, Ambassadors are mostly available for afterschool programming and on Saturdays.

Programs usually take one hour, are free of charge, and the materials needed for each program can be provided, as needed.



Scan the QR-Code to visit our website and learn more about the STEM Ambassadors program, including additional information about becoming a STEM Ambassador or hosting STEM Ambassadors.

University of Vermont Extension, Burlington, Vermont. University of Vermont Extension, and U.S. Department of Agriculture, cooperating, offer education and employment to everyone without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or familial status.