



Nicole Chapman

Nicole Chapman is the 2022 recipient of the Robert E. Stewart Engineering-Humanities award for her outstanding academic record and dedication to promoting agricultural and biological engineering while also pursuing a dual major in French.

Chapman is an undergraduate student in the biological systems engineering and French departments at Virginia Tech. In addition to her academic work, Chapman also serves as a Biological Systems Engineering (BSE) Ambassador. As an ambassador, she represents the BSE department at university recruitment events, volunteering time to talk with students and parents about the degree program, coursework, and potential career options for graduates. Ambassadors also visit high schools and university clubs to promote the major and department. Chapman volunteers as the manager of the Virginia Tech Equestrian Dressage team, organizing competitions, training, and community service activities for the club.

Chapman works in the Water Quality Lab at Virginia Tech, conducting testing for fecal coliforms, pH, conductivity, and metals analysis for the Virginia Household Water Quality Program well water testing program that provides state residents with information about the quality and safety of their water supply. Chapman also worked as a PV Engineering co-op at Standard Solar, Inc. As a summer intern with the Virginia Tech Learning Enhanced Watershed Assessment System (LEWAS) Lab, she also presented her undergraduate research

project during the Virginia Tech 2021 Summer Symposium.

Chapman is a member of the Virginia Tech ASABE student chapter and she works as a yoga instructor at the Virginia Tech Recreational Sports Department.

In late winter 2020, Chapman traveled to Paris on a study abroad trip to student engineering, French and French culture. Living outside the United States stimulated her curiosity and reinforced the importance of understanding different outlooks and priorities when solving problems on a global scale. This study abroad experience strengthened her commitment to diversity, inclusion, and collaboration in the engineering profession. Chapman is strongly motivated to work in cross-cultural teams where she can learn from those with a variety of diverse backgrounds.

