

One Health Major

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The health of people, animals and the environment are intimately connected. This major recognizes these connections and studies health at their intersection. As the human population grows and the health of the environment degrades, humans are coming into closer contact with animals. Because of this, countries may see more zoonotic diseases (e.g. Ebola) spreading to human populations. As human populations grow, they put more pressure on the environment and introduce more environmental chemicals, many with unknown and some with transgenerational effects. This major will set the scientific foundation and then explore some of the vectors that transmit disease, discuss global health issues, examine personal ethics, investigate the impacts of chemistry and delve into the interface of human, animals and the environment. This major will prepare students to address these One Health issues. Students with this major may find employment in both the public health sector as well as in wildlife biology or veterinary science.

Students majoring in One Health may not also major or minor in Biology or Environmental Science. Students may double major in Biochemistry (Biological Emphasis) but must do so in close coordination with the Department of Biological and Environmental Sciences. In order to earn a Major in One Health, students must earn a letter grade of C- or better in all listed courses needed to satisfy major requirements. At least 50% of all One Health hours used to satisfy the major must be Westminster Courses.

