

IMMUNOLOGY AND INFECTIOUS DISEASE, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: University Park

Career Paths

The Immunology and Infectious Disease major provides excellent preparation for a wide variety of careers in industry, government agencies, or academia, or for medical school, veterinary school, or graduate programs in any area of the biomedical sciences. Concern over bioweapons and emerging infectious diseases means high demand for specialists. Our major in Immunology and Infectious Disease is one of only a handful of such programs in the United States. Graduates distinguish themselves with focused courses in immunology and epidemiology while retaining the freedom to choose from a wide variety of courses in biomedicine and biotechnology.

Careers

Thanks to the specialization students can obtain in immunology and epidemiology, there are plentiful employment opportunities for graduates after four years. Some of these opportunities include research positions in biotechnology or pharmaceutical firms, government or international health agencies, and academic research laboratories. Students should recognize, however, that professional advancement in research-oriented careers is less realistic without an advanced degree. Many students choose to get experience for a few years in entry-level positions, and then return to master's and/or doctoral studies.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE IMMUNOLOGY AND INFECTIOUS DISEASE PROGRAM (<https://agsci.psu.edu/academics/undergraduate/majors/immunology-and-infectious-disease>)

Opportunities for Graduate Studies

The direct relevance of the course work to human health strongly attracts students interested in medicine and related fields. The Immunology and Infectious Disease major provides strong preparation for further studies in medical school, veterinary school, pharmacy school, or school of public health. The program also helps prepare students for graduate studies in the biomedical sciences. More than half of the students in the Immunology and Infectious Disease major obtain further education in one of these fields.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://agsci.psu.edu/academics/undergraduate/majors/immunology-and-infectious-disease>)