

DOCTOR OF PHILOSOPHY IN MOLECULAR BIOLOGY

Web Site: <https://twu.edu/biology/graduate-programs/doctor-of-philosophy-in-molecular-biology/>

The Doctor of Philosophy degree in Molecular Biology is offered through a cooperative program of the Federation of North Texas Area Universities, which includes Texas Woman's University and the University of North Texas. This degree option offers courses on a variety of topics in molecular biology and neurobiology.

The Federation doctoral program provides opportunities for formal coursework, seminars, independent study, participation in regional and national conferences, and dissertation research. The program also includes Federation-sponsored seminars featuring outstanding nationally and internationally recognized educators.

Graduate students enrolled at either UNT or TWU may take courses at both universities, thus benefiting from the combined faculties of each school. Students graduating from a Federation program will be granted a Ph.D. from the university through which they entered the program.

Students in the Ph.D. program at TWU complete the required coursework, a written proposal (the prospectus) outlining their research plans, and then conduct original research under the guidance of a faculty mentor and an advisory committee. The research results are prepared as a written dissertation and presented in a public seminar. The student must pass an oral examination (dissertation defense) administered by the advisory committee following the public seminar in order to earn the doctoral degree. Students who complete this program are well-prepared for careers in academia, industry, or the government sectors.