



What can I do with my Major?

DIAGNOSTIC GENETIC SCIENCES

SAMPLE JOB TITLES

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[Genetic Counselor](#)
[Geneticist](#)
[Medical and Clinical Laboratory Technician](#)
[Cytotechnologist](#)
[Forensic Science Technician](#)

UCONN RESOURCES

[Department of Allied Health Sciences](#)
[Alpha Zeta](#)
[Controlled Release Society \(CRS\)](#)

OTHER RESOURCES

[American Society for Clinical Pathology](#)
[American Society for Clinical Laboratory Science](#)

OVERVIEW OF MAJOR

Diagnostic Genetic Science deals with the detection of human disease at the chromosomal level. The responsibility of a person in this field is to detect malformation and abnormalities in human chromosomes and use this information to diagnose diseases. The use of this information can help determine physical abnormalities in newborns, developmental problems in children, and infertility in adults. Professionals in this field are also responsible for matching tissue and organ donors to recipients. Clinical experiences are essential to gaining the appropriate practical knowledge; therefore, students in the Diagnostic Genetic Sciences program are expected to do a six-month clinical, which can be at an affiliation anywhere in the country.

NATURE OF WORK

Diagnostic genetic scientists work in hospitals, pharmacies, or laboratory settings. They deal with a lot of detail and work constantly under a microscope. These people indirectly help others with the utilization of their highly technical knowledge. This is a great profession for those who wish to work in the medical profession behind the scenes. This profession performs procedures in the general area of the clinical laboratory or performs specialized procedures in areas such as cytology, histology, and microbiology. Their responsibilities may include supervising and organizing activities of workers engaged in laboratory testing.

