ABOUT THE MAJOR

Cytotechnology is a medical laboratory specialty in which microscopic studies of exfoliated, abraded, and aspirated cells from the human body are performed. Professionals study cell samples from various body sites to detect cellular changes indicative of cancer. In addition, cytotechnologists aid in establishing the diagnosis of benign disease processes, such as endocrine disorders, and in detecting some pathogenic microorganisms. Students will be prepared for management, supervisory, and educational responsibilities as well as understanding legal, ethical, and moral responsibilities to the employers and communities they serve.

Skills and abilities this major develops includes: observation, scientific inquiry, attention to detail, knowledge of human body systems, and use of current technologies.

OPPORTUNITIES AFTER GRADUATION

Career Opportunities

According to the Bureau of Labor Statistics, employment opportunities for cytotechnologists are expected to grow at 16% between 2014 and 2024, which is faster than the average for most occupations. The demand for lab technologists in areas such as cytotechnology continue to grow with an aging population.

Salary Information

Based on information collected by the IU Cytotechnology Program, the average entry-level salary for an IU Cytotechnology graduate in 2015 was $53,024. According to the Bureau of Labor Statistics, the average annual salary for Medical and Clinical Laboratory Technologists in the state of Indiana was $63,830 in 2016.

(This section is intended for informational purposes, not prediction of actual salary.)

Graduate & Professional School Paths

Clinical Laboratory Science majors might pursue advanced degrees in the following areas: Health Administration, Dentistry, Medical School, Public Health, other science fields.

WHERE TO GET MORE INFORMATION

IU School of Medicine
hpp.iupui.edu

The American Society of Cytopathology
www.cytopathology.org

The International Academy of Cytology
www.cytology-iac.org

Sample Coursework:

- Human physiology
- Pulmonary cytology
- Cytology of body fluids
- Investigation in cytopathology
- Cytology of fine needle aspiration

Possible Careers:

- Cytotechnologist
- Researcher*
- Laboratory supervisor
- Pharmaceutical or medical equipment sales

*Career option requires additional training or education

Where Could I Work?

- Hospitals
- Research organizations
- Medical and diagnostic labs
- Government agencies

Complementing Interests:

I Investigative  R Realistic  C Conventional

Get your interest code at go.iupui.edu/interests

Have questions for Academic & Career Development? Schedule an appointment:
acd.iupui.edu  (317) 274-4856