



# M.S.B.S Assistant in Pathology Program

## University of Toledo College of Graduate Studies

The program combines robust didactic studies with practical hands-on experience in anatomic pathology, under the direct supervision of board-certified pathologists and ASCP-certified pathologists' assistants. During the program the students receive didactic instructions with Physician Assistants in Anatomy and Physiology. Our students also train with medical students in courses such as general and systemic pathology, and clinical laboratory science courses.

Our program offers practical training in forensics and hospital autopsies in addition to surgical pathology. All of our students work with their advisors on a scholarly project that culminates in a presentation at our annual scientific day. The program prepares students for their ASCP board certification exam and employment.

After certification, Pathologists' Assistants provide anatomic pathology services under the direction and supervision of a pathologist.

### Admission Requirements

- 3.0 GPA (Exceptions can be made if the applicant has a terminal degree Ph.D., M.D., M.B.B.C.H.)
- GRE is not required
- \$45 application fee
- 3 letters of recommendation
- Passing TOEFL (only international students)

For more information, please call:

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Course #	Course Title	Credits
<b>Fall</b>		
<b>ANAT-5000</b>	Anatomy for Physician Assistants	5
<b>PHSL-5050</b>	Human Physiology	4
<b>PATH-6060</b>	Intro Surgical Pathology - didactic	2
<b>PATH-6080</b>	Intro Postmortem Pathology - didactic	2
<b>INDI-8790</b>	Basic and Advanced Light Microscopy	4
<b>Spring</b>		
<b>PATH-6080</b>	Intro Postmortem Pathology - clinical	2
<b>PATH-6770</b>	Embryology and Teratology	1
<b>PATH-7125</b>	Laboratory Management	4
<b>PATH-6060</b>	Intro Surgical Pathology - clinical	2
<b>Summer</b>		
<b>PATH-6060</b>	Intro Surgical Pathology - clinical	2
<b>PATH-6080</b>	Intro Postmortem Pathology - clinical	2
<b>PATH-6890</b>	Independent Study	4
<b>Fall</b>		
<b>INDI-6980</b>	Scholarly Project	3
<b>PATH-6070</b>	Intro Clinical Lab Medicine	2
<b>PATH-7130</b>	Pathology	4
<b>PATH-6780</b>	Histology & Cell Physiology I	2
<b>Spring</b>		
<b>INDI-6980</b>	Scholarly Project	3
<b>PATH-7130</b>	Pathology	4
<b>PATH-6040</b>	Pathology Assistants: Medical Ethics	1
<b>PATH-6790</b>	Histology & Cell Physiology II	2

Pre-requisites	Minimum Semester Credit Hour
<b>Biology with lab</b>	3
<b>Microbiology with lab</b>	3
<b>General Chemistry with lab</b>	3
<b>Organic Chemistry or Biochemistry with lab</b>	3
<b>College level Mathematics</b>	3
<b>College level English Composition</b>	3