

## ABOUT THE DEPARTMENT

The Pathobiology Department offers graduate work leading to the Doctor of Philosophy and Master's Degree in Pathobiology. The curriculum is designed to prepare students for a professional career in the area of pathological science with emphasize on the basic principles of cell injury at the tissue cellular, and subcellular levels, the pathogenesis of disease, toxic agents and carcinogens.

## SCHOLARSHIPS

- The Royal Golden Jubilee (RGJ)
- Institutional Strengthening Program
- Scholarships for International Graduate Students
- Teaching Assistantship
- Research and Researcher for Industries (RRI)

## RESEARCH UNITS

- Infectious Diseases
- Cancer, Aging and Stem Cell
- Toxicological Pathology
- Genetic Diseases

## CONTACT

▪ Assoc. Prof. Dr. Wannee Jiraungkoorskul  
Ph.D. Program Director  
E-mail : [wanee.jir@mahidol.ac.th](mailto:wanee.jir@mahidol.ac.th)  
Tel : (662) 201-5563

▪ Lecturer Dr. Pornthip Chaichompoo  
M.Sc. Program Director  
E-mail : [pornthip.chh@mahidol.ac.th](mailto:pornthip.chh@mahidol.ac.th)  
Tel : (662) 201-5577

▪ Department of Pathobiology  
Faculty of Science, Mahidol University  
Rama VI Road, Bangkok 10400, Thailand.  
Phone: (662) 201-5550, 354-7158  
Fax: (622) 354-7158  
web-site: [www.sc.mahidol.ac.th/scpa](http://www.sc.mahidol.ac.th/scpa)

▪ Faculty of Graduate Studies  
Mahidol University  
Phone: (662) 441-4125  
Fax: (622) 441-9737  
web-site: [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)

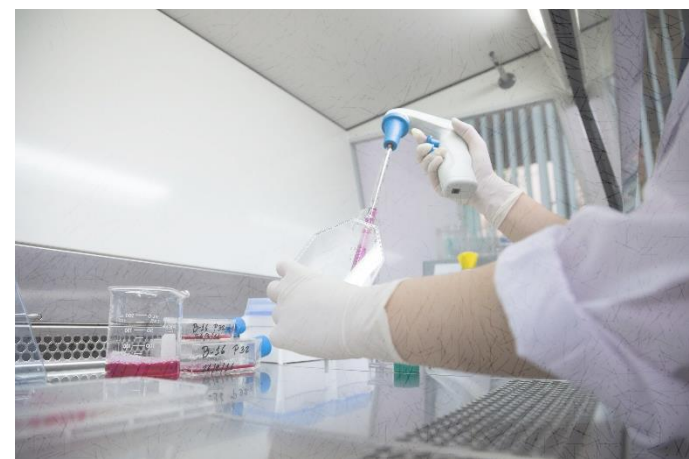


Mahidol University  
Faculty of Science

Department of Pathobiology



Doctor of Philosophy  
Master of Science  
in Pathobiology  
(International Program)





## Admission Requirements & Selection Method

### M.Sc. Program

Thai/foreign applicants hold a Bachelor Degree in Biological Science, Veterinary Medicine, Pharmacy, Dentistry, Medical Technology and Biochemistry or related fields with the minimum Grade Point Average (GPA) of 2.50

Applicants are required to take a examination offered by the Faculty of Graduate Studies. Those who pass the examination will be interviewed by the departmental graduate program committee.

Exemption to the above criteria may be made by the departmental graduate program committee.

### Ph.D. Program

Thai/foreign applicants hold a Master's Degree in Pathobiology or related fields (Pharmacy, Biology Microbiology and Medical Technology) with the GPA of at least 3.50

Thai/foreign applicants hold a Bachelor Degree in all related Biological Science, Veterinary Medicine, Pharmacy, Dentistry, Medical Technology and Biochemistry GPA of at least 3.50

Exemption to the above criteria may be made by the departmental graduate program committee.

## PROGRAM CURRICULUM

### M.Sc. Curriculum

Total 36 Credits

- SCID 503 Systemic Bioscience
- SCID 518 Generic Skills in Science Research
- SCPA 501 General Pathology
- SCPA 502 Systemic Pathology
- SCPA 605 Essential Pathology
- SCPA 606 Selected Topic in Pathobiology
- SCPA 610 Cellular Pathology
- SCPA 611 Seminar in Pathobiology I
- SCPA 612 Seminar in Pathobiology II
- SCPA 613 Research Rotation in Pathobiology

### Ph.D. Curriculum

#### Ph.D. Curriculum for M.Sc. Candidates

Total 48 Credits

#### Ph.D. Curriculum for B.Sc. Candidates

Total 72 Credits

- SCID 502 Cell Science
- SCID 503 Systemic Bioscience
- SCID 518 Generic Skills in Science Research
- SCPA 501 General Pathology
- SCPA 502 Systemic Pathology
- SCPA 605 Essential Pathology
- SCPA 610 Cellular Pathology
- SCPA 613 Research Rotation in Pathobiology
- SCPA 614 Seminar in Advanced Pathobiology I
- SCPA 615 Seminar in Advanced Pathobiology II
- SCPA 616 Current Research in Pathobiology