

## Course Change Request

### New Course Proposal

Date Submitted: 12/19/18 12:02 pm

Viewing: **MLAB 413 : Medical Parasitology**

Last edit: 12/19/18 12:02 pm

Changes proposed by: dpolayes

Are you completing this form on someone else's behalf?

Yes

Requestor:

Name	Extension	Email
Ann Verhoeven	3-1572	averhoev@gmu.edu

Effective Term:

Fall 2019

Subject Code:

MLAB - Medical Laboratory Science

Course Number:

413

Bundled Courses:

Is this course replacing another course?

No

Equivalent Courses:

Catalog Title: Medical Parasitology

Banner Title: Medical Parasitology

Will section titles vary by semester?

No

Credits: 1-4

Schedule Type: Laboratory

Hours of Lab or Studio per week: 2

Repeatable: May be repeated within degree (RD)

Max Allowable Credits: 10

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description:

This course is a comprehensive presentation of human parasites. Emphasis is placed on clinical presentation and laboratory identification. Topics include Flagellates, Ciliates, Coccidians, Malaria and

#### In Workflow

1. **MLAB Undergraduate Representative**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost-Undergraduate
5. Registrar-Courses
6. Banner

#### Approval Path

1. 12/19/18 12:07 pm  
Larry Rockwood (Irockwoo):  
Approved for MLAB Undergraduate Representative

Babesia, Other Blood Born and Tissue Born parasites, Nematodes, Cestodes, Trematodes, and Arthropods.

**Justification:** A new concentration in Medical Laboratory Science (MLAB) is being offered. This class will be required for students who choose the concentrations offered at our affiliated program at Quest Diagnostics

**Does this course cover material which crosses into another department?** No

**Learning Outcomes:**

**Attach Syllabus** [Syllabus Medical Parasitology-MLAB413.pdf](#)

**Additional Attachments**

**Staffing:** Quest Diagnostics

**Relationship to Existing Programs:** An Affilate Program

**Relationship to Existing Courses:** none

**Additional Comments:**

**Reviewer Comments**

Key: 16280

## Syllabus

## Medical Parasitology

Instructor: Team Taught: Kileen Shier, PhD, D(ABMM); Ron Master, M.S., SM (ASCP);

Guest Lecturers: Harvey Vandenburg, MHA, MT (ASCP), Molly Kalb, SH (ASCP)

### Medical Parasitology

This course is a comprehensive presentation of human parasites. Emphasis is placed on clinical presentation and laboratory identification. Topics include Flagellates, Ciliates, Coccidians, Malaria and Babesia, Other Blood Born and Tissue Born parasites, Nematodes, Cestodes, Trematodes, and Arthropods.

Text: Bailey and Scott's Diagnostic Microbiology, Patricia M. Tille, 13th edition

Supplemental: Atlas of Human Parasitology, Ash and Orihel, 5th edition

### Grading:

Workbook completion: 50%

End of Course Test 50%

A = 90% and above

B = 80% - 89%

C = 70% - 79%

Failing: less than 70%

Students with less than 70% will be withdrawn from the program and subject to disciplinary action.

### Course Agenda:

Parasitology: Intestinal Ameoba, Harvey Vandenburg

Parasitology: Flagellates, Ciliates, Coccidians, Dr. Shier

Parasitology: Blood/Malaria, Molly Kalb

Parasitology: Blood/Tissue, Ron Master

Parasitology: Nematodes, Ron Master

Parasitology: Cestodes, Ron Master

Parasitology: Trematodes, Ron Master

Parasitology: Arthropods, Ron Master

Review and Exam: Parasitology, Harvey Vandenburg