

## Course Change Request

### New Course Proposal

Date Submitted: 12/19/18 12:29 pm

Viewing: **MLAB 415 : Medical Bacteriology**

Last edit: 12/19/18 12:29 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:

415

Bundled Courses:

Is this course replacing another course?

No

Equivalent Courses:

Catalog Title: Medical Bacteriology

Banner Title: Medical Bacteriology

Will section titles vary by semester?

No

Credits:

1-10

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 bacteria isolated in the clinical laboratory. Emphasis is placed on the laboratory identification of isolates from a variety of specimen sources, and pathogenic

#### 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 12:33 pm  
Larry Rockwood (Irockwoo):  
Approved for MLAB Undergraduate Representative

species. Topics include Instrumentation and MALDI, Gram Positive Cocci, Gram Positive Bacilli, Enterics, non-fermenters, Moraxella, Neisseria, Pasteurella, Haemophilus and HACEK, Camphylobacter, Helicobacter, Legionella, CDC Select Agents, Chlamydia, Mycoplasm, Ureaplasma, Spirochetes, Anaerobes, Antibiotics and Susceptibility testing, and Acid Fast Bacilli.

**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 Bacteriology-MLAB415.pdf](#)

**Additional Attachments**

**Staffing:** Quest Diagnostics

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

**Relationship to Existing Courses:** none

**Additional Comments:**

**Reviewer Comments**

Key: 16282

Syllabus                      Medical Bacteriology

Instructor: Team Taught:

Richard Clark, PhD., Kileen Shier, PhD, D(ABMM); Ron Master, M.S., SM (ASCP)

Guest instructors:

Chao Yuan, PhD., Fay Shadley-Mullins, MT (ASCP), Harvey Vandenburg, MHA, MT (ASCP)

Medical Bacteriology

This course is a comprehensive presentation of bacteria isolated in the clinical laboratory. Emphasis is placed on the laboratory identification of isolates from a variety of specimen sources, and pathogenic species. Topics include Instrumentation and MALDI, Gram Positive Cocci, Gram Positive Baccili, Enterics, non-fermenters, Moraxella, Neisseria, Pasteurella, Haemophilus and HACEK, Camphylobacter, Helicobacter, Legionella, CDC Select Agents, Chlamydia, Mycoplasm, Ureaplasma, Spirochetes, Anaerobes, Antibiotics and Susceptibility testing, and Acid Fast Bacilli.

Text:

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

Grading:

Workbook completion: 50%

Exam Average (4 exams): 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.