Course Change Request

Date Submitted: 03/17/26 3:32 pm

Viewing: BIOL 405 : Microbial Genetics

Last approved: 03/29/24 6:44 am

Last edit: 03/17/26 3:31 pm

Changes proposed by: volmo

Catalog Pages referencing this course

Biology (BIOL)

Biology, BA

Select modification type:

Substantial

In Workflow

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

Approval Path

1. 03/17/26 3:33 pm Geraldine Grant (ggrant1): Approved for BIOL Undergraduate Representative

History

1. Dec 21, 2018 by Gregory Craft (gcraft)
2. May 2, 2020 by Tory Sarro (vsarro)
3. Nov 18, 2022 by Jennifer Bazaz Gettys (jbazaz)
4. Mar 29, 2024 by Valerie Olmo-volmo (volmo)

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

No

Effective Term: Spring 2027

Subject Code: BIOL - Biology

Course Number: 405

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Microbial Genetics

Banner Title: Microbial Genetics

Will section titles vary by semester? No

Credits: 4

Schedule Type: Lecture w/Lab

Hours of Lecture or Seminar per week: 3

Hours of Lab or Studio per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3)

Max Allowable Credits: 12

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

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

(BIOL305 or L305 or 246) and (BIOL306 or L306) and (BIOL311 or BIOL L311) and (BIOL313)

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

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
	(	BIOL 305	C	UG		
Or		BIOL L305	T	UG		
Or		BIOL 305	XS	UG	)	
Or	(	BIOL 246	C	UG		
Or		BIOL U246	T	UG	)	
And	(	BIOL 306	C	UG		
Or		BIOL L306	T	UG		
Or		BIOL 306	XS	UG	)	

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:

Study of structure and function of bacterial DNA, emphasizing mechanisms of gene transfer, expression and regulation. Introduces DNA repair, mutation, and life cycles of bacteriophage.

Justification:

What: adding genetics prerequisite

Why: Students need the basic genetics background to understand the more complicated higher-level genetics concepts taught in this course.

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

Learning Outcomes:

Will this course be scheduled as a cross-level cross listed section?

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Have you reached out to the Libraries to determine whether there are adequate resources to support your course? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

Additional Comments:

Reviewer Comments

Key: 1514