## Program Approval <br> Form

For approval of new programs and deletions or modifications to an existing program.

Registrar

## Action Requested:




Other Changes: $\qquad$

| College/School: | College of Science | Department: |  | Biology Program |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Submitted by: | Larry Rockwood | Ext: | 3-1031 | Email | Irockwoo@gmu.edu |

Effective Term: Fall 20 Please note: For students to start a new degree, minor, certificate or concentration, the program

Justification: (attach separate document if necessary)
This reflects the new core requirements in the Biology BS degree

Program Title: (Required)
Use title to identify subject matter. Do not include name of college/school or department
Concentration Title(s):

Admissions Standards / Application Requirements: (Required only if different from those listed in the University Catalog)

Degree Requirements:
Consult University Catalog for models, attach separate document if necessary using track changes for modifications

Courses offered via
Distance:
(if applicable)
TOTAL CREDITS
REQUIRED:

| Existing | New/Modified |
| :--- | :--- |
| Biology BS/MS | Biogy $\mathrm{BS} / \mathrm{MS}$ |
| Biology, <br> Bachelor's/Accelerated <br> Master's Degree | Biology, <br> Bachelor's/Accelerated <br> Master's Degree |
| See attached | See attached |
|  |  |

## Approval Signatures

| Department | Date | College/School | Date |
| :--- | :--- | :--- | :--- | | Provost's Office |
| :--- |
| Required for Undergraduate Programs Only |

If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

| Unit Name | Unit Approval Name | Unit Approver's Signature | Date |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |

## Biology, Bachelor's/Accelerated Master's Degree

Qualified undergraduates may be admitted to an accelerated master's program and obtain both a BS and an MS within an accelerated time frame. This program is open only to those students who wish to pursue the master's degree concentrations in microbiology or molecular biology. Students admitted to this program may take graduate courses after completing 90 undergraduate credits, and up to 6 credits of graduate work may be used in partial satisfaction of the requirements for the undergraduate degree. If students earn at least a 3.0 in these classes, they are granted advanced standing in the master's program and must then complete an additional 24 credits to receive the master's degree. All other master's degree requirements must be met, including a minimum of 18 credits taken for the master's after the bachelor's degree is complete.

Students with an overall GPA of at least 3.0 may apply for provisional acceptance to the accelerated master's program after completing BIOL $213,214,308,310$ and 311 ; and CHEM $313,314,315$ and 318. Three letters of recommendation, including one from a prospective thesis or project advisor, are required.

After completing 120 credits and all requirements for the bachelor's degree and filing the Graduation Intent Form, students are awarded a bachelor's degree. Accelerated master's students must then submit scores on the GRE and biology subject exam to have the provisional qualifier removed. Ordinarily, students should receive a minimum combined score of 1,100 on the verbal and quantitative portions of the general test and be in at least the 50th percentile on the subject exam.

