Washington State University
MAJOR CHANGE FORM – REQUIREMENTS

NOTE: If proposing a new program (degree) or extending, moving, consolidating, eliminating or renaming an existing program (degree), these proposals must first go through the Provost's Office review process. Please do not use this form. Please contact the Provost's Office for directions on processing program (degree) proposals.

SUBMITTING PROPOSAL – Follow the steps on form, then:
- Submit one electronic copy of complete packet of signed form/rationale statement/supporting documentation and/or edits to wsu.curriculum@wsu.edu.
- Send the original stapled packet PLUS 10 stapled copies of packet to the Registrar's Office, campus mail code 1035.

Department Name  School of Molecular Biosciences

1. Check proposed changes:
- New Plan (Major) in ____________________________ CIP# __________
- Change name of Plan (Major) from ____________________________ to ____________________________
- Revise certification requirements for the Plan (Major) in ____________________________
- Revise Plan (Major) requirements in ____________________________
- Drop Plan (Major) in ____________________________
- New Sub-Plan (Option) in ____________________________ CIP# __________
- Change name of Sub-Plan (Option) from ____________________________ to ____________________________
- Revise requirements for the Sub-Plan (Option) in ____________________________
- Drop Sub-Plan (Option) in ____________________________
- New Minor in ____________________________ CIP# __________
- Change name of Minor from ____________________________ to ____________________________
- Revise Minor requirements in ____________________________
- Drop Minor in ____________________________
- New Certificate in ____________________________ CIP# __________
- Change name of Certificate from ____________________________ to ____________________________
- Revise Certificate requirements in Graduate Certificate in Molecular Biosciences
- Drop Certificate in ____________________________
- Other ____________________________

2. Effective Date: Fall 2016 (Effective date must be for future fall term.) Submission deadline is Oct 1st. NOTE: Items received after deadlines may be put to the back of the line or forwarded to the following year. Please submit on time.

Contact: Norah McCabe Phone number: 335-1134
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3. PLEASE ATTACH A RATIONALE STATEMENT giving the reasons for each request marked above, and explaining how this impacts other units in Pullman and other campuses (if applicable).

4. PROVIDE SUPPORTING DOCUMENTATION AND/OR CURRENT CATALOG COPY with edit marks showing requested changes.

5. SIGN AND DATE APPROVALS.
   Chair Signature/date  Dean Signature/date  CSC Date
   Chair Signature/date  Dean Signature/date  AAC or GSC Date  Senate Date
Rationale:

The School of Molecular Biosciences would like to request revisions to the requirements of the Graduate Certificate in Molecular Biosciences. By adding additional courses, this will allow greater selection options for students to meet their needs and serves to make the certificate more comprehensive. We do not anticipate that these changes will have an impact on other units on either the Pullman or other campuses.

The current requirements for the Graduate Certificate in MBIOS are:

Program Requirements

The Graduate Certificate Program in Molecular Biosciences totals 11-12 credits of graded coursework, made up of required and elective courses. Required Courses (9 credits):

MBIOS 501—Cell Biology 3cr.
MBIOS 503—Molecular Biology I 3cr.
MBIOS 513—General Biochemistry I 3cr.

Elective Course (2-3 credits) One elective course from the list below is needed, and serves to make the certificate in molecular biosciences more comprehensive:

Phil 530—Bioethics 2cr.
MBIOS 578—Bioinformatics 3cr.
Stat 412—Statistical Methods in Research I 3cr.

We are requesting to change the requirements. (Changes are indicated in red.)

The Graduate Certificate Program in Molecular Biosciences totals 11-12 credits of graded coursework, made up of required and elective courses.

Required Courses (9 credits) – please choose three from the following list:

MBIOS 501 – Cell Biology 3 cr.
MBIOS 503 – Molecular Biology 3 cr.
MBIOS 513 – General Biochemistry I 3 cr.
MBIOS 578 – Bioinformatics 3 cr.
MBIOS 584 – Medical Genetics 3 cr.

Elective Course (2-3 credits) – Please choose one elective course from the list below:

PHIL 530 – Bioethics 2 cr.
PHIL 532 – Seminar in Business Ethics 3 cr.
PHIL 535 – Advanced Biomedical Ethics 3 cr.
MBIOS 580 – Scientific Information Literacy 2 cr.
STAT 412 – Statistical Methods in Research I 3 cr.
STAT 512 – Analysis of Variance of Designed Experiments 3 cr.

Any request for a course substitution requires approval of the Director of the MBIOS Graduate Certificate program. Only graduate level course(s) taken at WSU with a grade of 3.0 (B) or better will be considered.