UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN SENATE
COMMITTEE ON EDUCATIONAL POLICY
(Final; Information)

EP.20.106   Report of Administrative Approvals through February 3, 2020

Senate committees are authorized to act for and in the name of the Senate on minor matters. Below is a listing of the administrative approvals the Senate Committee on Educational Policy approved at its meeting on February 3, 2020. Additional information for each approval is attached.

A. <u>Graduate Programs</u>

   1) Plant Biotechnology, MS – PSM – Update course list, remove deactivated course (HORT 466)

Date Submitted: 01/17/20 4:13 pm

Viewing: **1PKS5461MS : Plant Biotechnology, MS - PSM**

Last approved: 01/17/20 11:47 am

Last edit: 01/30/20 2:30 am

Changes proposed by: Scott Bartlett

Catalog Pages Using this Program

[Plant Biotechnology, MS - Professional Science Master's](#)

In Workflow

1. **U Program Review**
2. **1802 Committee Chair**
3. **1802 Head**
4. **KL Committee Chair**
5. **KL Dean**
6. **University Librarian**
7. **Grad_College**
8. **Provost**
9. **Senate EPC**
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. DMI

Approval Path

1. 01/17/20 4:30 pm
   Deb Forgacs (dforgacs): Approved for U Program Review
2. 01/19/20 12:34 pm
   Lane Rayburn (arayburn): Approved for 1802 Committee Chair
3. 01/19/20 3:23 pm
   Adam Davis (asdavis1): Approved for 1802 Head
4. 01/21/20 11:11 am
   Anthony Yannarell (acyann):

Approved for KL
Committee Chair

5. 01/21/20 11:36
am
Anna Ball (aball):
Approved for KL
Dean

6. 01/21/20 12:21
pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian

7. 01/27/20 1:29 pm
Allison McKinney
(agrindly):
Approved for
Grad_College

8. 01/28/20 5:21 pm
Kathy Martensen
(kmartens):
Approved for
Provost

History

1. Feb 20, 2019 by
Deb Forgacs
(dforgacs)
2. Jan 17, 2020 by
Deb Forgacs
(dforgacs)

Proposal Type

Proposal Type:
Major (ex. Special Education)

This proposal is
for a:
Revision

Proposal Title:

if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions*

Administrative approval: Update course list, remove deactivated course (HORT 466). ~~Admin migration of College and Dept change   ep 18.51~~

EP Control Number	**EP.20.106_original** ~~EP.18.51~~
Official Program Name	Plant Biotechnology, MS - PSM
Effective Catalog Term	Fall 2020
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	**Nathan Schroeder, Director of Graduate Programs**
Sponsor Email	**nes@illinois.edu**
College Contact	**Brianna Gregg**

College Contact Email

bjgray2@illinois.edu

Program Description and Justification

Justification for proposal change:

Update course list, remove deactivated course (HORT 466). ~~Admin migration of College and Dept change   ep 18.51~~

Corresponding Degree	MS Master of Science

Is this program interdisciplinary?

No

Academic Level	Graduate

Will you admit to the concentration directly?

Is a concentration required for graduation?

CIP Code	260399 - Botany/Plant Biology, Other.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Admission Requirements

Desired
Admissions Term

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Describe how critical academic functions such as admissions and student advising are managed.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

N/A

Estimated Annual Number of Degrees Awarded

Year One Estimate   5th Year Estimate (or when
                                               fully implemented)

What is the
matriculation
term for this
program?
Fall

Delivery Method

Is this program   No
available on
campus and
online?

This program is
available:
On Campus

Budget

Are there
budgetary
implications for
this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.)
beyond what is currently available?

No

Additional Budget
Information

Attach File(s)

Resource Implications

Facilities

Will the program require new or additional facilities or significant
improvements to already existing facilities?

No

Technology

Will the program need additional technology beyond what is currently
available for the unit?

No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class
size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising,
including job placement and/or admission to advanced studies.

N/A

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

N/A

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects impacted by the creation/revision of this program?

No

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Will an existing tuition rate be used or continue to be used for this program?

Yes

Program Regulation and Assessment

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

Revised programs	Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
CPSC 593	Adv Studies in Crop Sciences (8 max applied toward degree; optional and found in the Science Electives list)	1 to 8
CPSC 598	Seminar (Biotechnology section, 3 semesters)	3
Science electives selected in consultation with advisor:		29
CPSC 431	Plants and Global Change	
CPSC 440	Applied Statistical Methods I	
CPSC 452	Advanced Plant Genetics	
CPSC 453	Principles of Plant Breeding	
CPSC 462	Plant Molecular Biology	
CPSC 466	Genomics for Plant Improvement	
CPSC 541	Regression Analysis	
CPSC 542	Applied Statistical Methods II	
CPSC 543	Appl. Multivariate Statistics	
CPSC 564	Molecular Marker Data Analyses	
CPSC 565	Perl & UNIX for Bioinformatics	
CPSC 566	Plant Gene Regulation	
CPSC 567	Bioinformatics & Systems Biol	
CPSC 588	Plant Biochemistry	
HORT 447	Horticultural Plant Breeding	
HORT 466	Course HORT 466 Not Found	

Code	Title	Hours
IB 420	Plant Physiology	
IB 421	Photosynthesis	
IB 473	Plant Genomics	
IB 513	Disc in Plant Physiology	
IB 542	Environmental Plant Physiology	

Toward 10 hours of Business courses as listed below, take one of the following:

BADM 567	Process Management	
TE 567	Venture Funded Startups (1 hr plus an additional business-related class for 1 or more hours)	

Total Hours required for graduation	42

Other Requirements

Grad Other Degree Requirements

Requirement	Description
Students can opt to take the PSM seminar series for 0 credit (pass/fail) or 1 credit hour (letter grade). Credit hours for these courses do not apply towards either the 32 science hours or 10 business course hours required for the degree.	
Other requirements may overlap	
The PSM concentration is required.	
Minimum 500-level Hours Required Overall:	12
Students must enroll full-time (12 or more hours) in the fall and spring semesters	
Transfer credit from Illinois or other institutions is not permitted	
Minimum GPA:	3.0

~~1~~

~~1For additional details and requirements refer to the department's graduate handbook and the Graduate College Handbook.~~

EP Documentation

Attach
Rollback/Approval
Notices

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name
 MS:Plant Biotech PSM -UIUC

Program Code: 1PKS5461MS

Minor Code	Conc Code	Degree Code	MS

Major
Code   5461

Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

Effective Date:

Attached
Document

Justification for
this request

Program Reviewer
Comments

Kathy Martensen (kmartens) (01/28/20 5:14 pm): Admin approval: No change
to total required hours, does not limit options for students.

Key: 495