## 1. General Information

| College: Agriculture, Food and Environment |  | Department: Horticulture; | Horticulture; Plant and Soil Sciences |
| :---: | :---: | :---: | :---: |
| Current Major Name | e: $\quad$ Horticulture, Plant and Soil | Proposed Major Name: | - |
| Current Degree Title | : B.S. | Proposed Degree Title: |  |
| Formal Option(s): | Horticulture Enterprise <br> Management; Turfgrass Science; Crops and Livestock; Crop, Soil and Horticulture Science | Proposed Formal Option(s): | - |

Specialty Field w/in $\quad$| Proposed Specialty Field |
| :--- |
| Formal Option: |
| w/in Formal Options: |

Date of Contact with Associate Provost for Academic Administration ${ }^{1}$ : $\quad \underline{02 / 23 / 2015}$

| Bulletin (yr \& pgs): | $\underline{2014-2015}$ | pgs. 110-111 | CIP Code $^{1}:$ | $\underline{01.1102}$ | Today's Date: |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $02 / 24 / 2015$ |  |  |  |  |  |

Accrediting Agency (if applicable): N/A
Requested Effective Date: $\boxtimes$ Semester following approval. OR $\square$ Specific Date ${ }^{2}$

| Dept. Contact Person: | $\begin{array}{l}\text { John H. Grove; Robert } \\ \text { Geneve }\end{array}$ | Phone: | $\underline{7-5852 ; 7-8610}$ | Email: | $\begin{array}{l}\text { jgrove@uky.edu; } \\ \text { rgeneve@uky.edu }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

## 2. General Education Curriculum for this Program:

The new General Education curriculum is comprised of the equivalent of 30 credit hours of course work. There are, however, some courses that exceed 3 credits \& this would result in more than 30 credits in some majors.

- There is no foreign language requirement for the new Gen Ed curriculum.
- There is no General Education Electives requirement.

Please list the courses/credit hours currently used to fulfill the University Studies/General Education curriculum:
Arts and Creativity-choose from list- 3 credit hours
Humanities-choose from list-3 credit hours
Social Sciences-choose from list 3 credit hours-CLD 102 is recommended
Natural/Physical/Mathematical-CHE 105/111- 5 credit hours
Comp \& Comm I-CIS or WRD 110- 3 credit hours
Comp \& Comm II-CIS or WRD 111-3 credit hours
Quantitative Foundations-MA 123-4 credit hours
Statistical Inferential Reasoning-STA 210-3 credit hours
Community, Culture, and Citizenship in the USA-GEN 100*-3 credit hours
Global Dynamics-choose from list-3 credit hours
*College requirement; not required of students transferring into the College of Agriculture, Food and Environment who have previously satisfied this UK Core requirement.

[^0]Please identify below the suggested courses/credit hours to fulfill the General Education curriculum.

| General Education Area | Course | Credit Hrs |
| :---: | :---: | :---: |
| I. Intellectual Inquiry (one course in each area) |  |  |
| Arts and Creativity | choose from list | $\underline{3}$ |
| Humanities | choose from list | $\underline{3}$ |
| Social Sciences | $\begin{aligned} & \text { choose from list; } \\ & \underline{\text { CLD } 102} \\ & \text { recommended } \end{aligned}$ | $\underline{3}$ |
| Natural/Physical/Mathematical | CHE 105/111 | $\underline{5}$ |
| II. Composition and Communication |  |  |
| Composition and Communication I | CIS or WRD 110 | 3 |
| Composition and Communication II | CIS or WRD 111 | 3 |
| III. Quantitative Reasoning (one course in each area) |  |  |
| Quantitative Foundations ${ }^{3}$ | MA 123 | 4 |
| Statistical Inferential Reasoning | $\frac{\text { STA 210; STA } 296}{\text { for Crop Soil Hort }}$ | $\underline{3}$ |
| IV. Citizenship (one course in each area) |  |  |
| Community, Culture and Citizenship in the USA | GEN 100 | $\underline{3}$ |
| Global Dynamics | choose from list | $\underline{3}$ |
| Total General Education Hours |  | $\underline{33}$ |

3. Explain whether the proposed changes to the program (as described in sections 4 to 12 ) involve courses offered by another department/program. Routing Signature Log must include approval by faculty of additional department(s).
1) The proposed change dropping WRD 203 from the pre-major portion of the curriculum would slightly impact enrollment in that course. No WRD sign-off needed according to email from Dr. Grabau.
2) The proposed change replacing BIO 150 with BIO 148 in the major requirements merely reflects the fact that BIO 150 no longer exists. No enrollment impact.
3) The proposed changes reflect the fact that Animal Science has prerequisite courses for a number of the courses recommended/required in the minor in Animal Science that is required as a part of the Crops and Livestock option. HPLS Crops and Livestock students are not currently exempt from those prerequisites, so there will be no new enrollment or Animal Science program impacts.
4) The proposed change replacing STA 291 with STA 296 in the specialty support requirement for the Crop, Soil and Horticulture Science option merely reflects the fact that STA 291 will no longer exist. No enrollment impact.
5) The proposed changes in the HPLS Horticulture Enterprise Management option reflect the fact that PLS 352 and 465 are no longer being taught, so no impact on another department or program.
4. Explain how satisfaction of the University Graduation Writing Requirement will be changed.

Current
$\square$ Standard University course offering. List:

Proposed
$\square$ Standard University course offering. List: $\qquad$

[^1]```
Specific course - list: WRD 203 \ Specific course) - list: PLS 490 - GCCR
```

5. List any changes to college-level requirements that must be satisfied.

| Current | Proposed |
| :--- | :--- |
| Standard college requirement. <br> List: $\underline{\text { GEN 100 }}$ | $\square$ Standard college requirement. <br> List: <br> $\square$ |
| Specific required course - list: | $\square$ |

6. List pre-major or pre-professional course requirements that will change, including credit hours.

| Current | Proposed |
| :--- | :--- |
| CHE 105, CHE 107, CHE 111, CHE 113, MA 123, | CHE 105, CHE 107, CHE 111, CHE 113, MA 123 to <br> WRD 203 to total 17 hours |
|  | total 14 hours (WRD 203 is dropped beause we now |
| use PLS 490 to meet the new GCCR). |  |

7. List the major's course requirements that will change, including credit hours.

| Current | Proposed |
| :---: | :---: |
| PLS 104; PLS 210 or *(BIO 150 and BIO 152); PLS | PLS 104; PLS 210 or *(BIO 148 and BIO 152); PLS |
| 220; PLS 366; PLS 386; PLS 395 or PLS 399; PLS | 220; PLS 366; PLS 386; PLS 395 or PLS 399; PLS |
| 404; PLS 470G; PLS 490 to total 30 or 33 hours | 404; PLS 470G; PLS 490 to total 30 or 33 hours |
| *Students in the Crop, Soil and Horticultural Science | *Students in the Crop, Soil and Horticultural Science |
| Option take BIO 150/152. | Option take BIO 148/152.(BIO 150 is replaced by |

8. Does the pgm require a minor AND does the proposed change affect the required minor? $\square$ N/A $\square$ Yes $\square$ No If "Yes," indicate current courses and proposed changes below.

| Current | Proposed |
| :---: | :---: |
| The Crops and Livestock option requires a minor in | The Crops and Livestock option requires a minor in |
| Animal Science | Animal Science |
| Minor in Animal Science | Minor In Animal Science |
| Prerequisites | Prerequisites |
| Note that several classes in Group A and Group B | Note that several classes in Group A and Group B |
| have prerequisites beyond ASC 101. These are | have prerequisites beyond/other than ASC 101. These |
| indicated in parentheses following the courses below. | are indicated in parentheses following the courses |
| Students taking the minor are responsible for | below. Students taking the minor are responsible for |
| satisfying the prerequisites. | satisfying the prerequisites. |
| Minor Requirements: | Minor Requirements: |
| ASC 101 and ASC 102 and an additional 9 hours | ASC 101 and ASC 102 and an additional 9 hours |
| from the list that follows, with at least one course | from the list that follows, with at least one course |
| from Group A and one course from Group B. | from Group A and one course from Group B. |
| Group A: | Group A: |
| ASC 300 | ASC 300 (ASC 101 and ASC 102 |
| ASC 325 (BIO 152, CHE 107 and CHE 113) | ASC 325 (BIO 152) |
| ASC 362 | ASC 362 (ASC 101 and BIO 152) |
| ASC 364 (CHE 230 or CHE 236) | ASC 364 (ASC 101 and BIO 152) |
| ASC 378 (CHE 230 or CHE 236) | ASC 378 (ASC 101 and CHE 230 or CHE 236) |

Group B:
ASC 340
ASC 404G (ASC 300, ASC 362 and ASC 364)
ASC 406 (ASC 300, ASC 362 and ASC 364)
ASC 408G (ASC 378)
ASC 410G (ASC 362 and ASC 364)
ASC 420G (ASC 362 and ASC 364)

## Group B:

ASC 340 (ASC 101 and ASC 102)
ASC 404G (ASC 300, ASC 362, ASC 364 and ASC 378)

ASC 406 (ASC 300, ASC 362, ASC 364 and ASC 378)
ASC 408G (ASC 101, ASC 102 and ASC 378)
ASC 410G (ASC 101 and ASC 320)
ASC 420G (ASC 362, ASC 364 and ASC 378)
(The proposed changes update the minor in terms of the prerequisites given in the course descriptions found in the latest 2014-2015 Undergraduate Bulletion.
9. Does the proposed change affect any option(s)?

If "Yes," indicate current courses and proposed changes below, including credit hours, and also specialties and subspecialties, if any.

| Current | Proposed |
| :---: | :---: |
| Specialty Support Requirement for the Crop, Soil and | Specialty Support Requirement for the Crop, Soil and |
| Horticulture Science Option: | Horticulture Science Option: |
| CHE 226 or CHE 230 or CHE 236; STA 291 and an | CHE 226 or CHE 230 or CHE 236; STA 296 and an |
| additional 15 credit hours of other science courses | additional 15 credit hours of other science courses |
| from an approved list or with the consent of an | from an approved list or with the consent of an |
| advisor to total 21 hours. | advisor to total 21 hours. (STA 291 is replaced by STA 296 because STA 291 will no longer exist). |
| Course Requirements (Option Hours) for the | Course Requirements (Option Hours) for the |
| Horticulture Enterprise Management option: | Horticulture Enterprise Management option: |
| PLS 100 1 | PLS $100 \quad 1$ |
| PLS 440 - 3 | PLS 440 - 3 |
| PLS 465 | PLS $525 \quad 4$ |
| PLS $520 \quad 4$ | PPA 400G 3 |
| PPA 400G 3 |  |
|  | Select 12 credit hours from the following courses: |
| Select 9 credit hours from the following courses: | PLS $320 \quad 4$ |
| PLS $320 \quad 4$ | PLS $330 \quad 2$ |
| PLS 33012 | PLS 33212 |
| PLS 332 2 | PLS 451 3 |
| PLS 352 | PLS 515 3 |
| PLS 451 3 | $\underline{\text { PLS } 520 ~} 3$ |
| PLS 515 |  |
| PLS 525 | Other PLS courses with consent of advisor |
| Other PLS courses with consent of advisor | Subtotal Option Hours 23 |
| Subtotal Option Hours 23 |  |

10. Does the change affect pgm requirements for number of credit hrs outside the major subject in a related field?
If so, indicate current courses and proposed changes below.
Current Proposed
11. Does the change affect pgm requirements for technical or professional support electives? No If so, indicate current courses and proposed changes below.

12. Does the change affect a minimum number of free credit hours or support electives? If "Yes," indicate current courses and proposed changes below.

| Current | Proposed |
| :--- | :--- |

13. Summary of changes in required credit hours:

|  |  |  | Current | Proposed |
| :---: | :---: | :---: | :---: | :---: |
|  | Credit Hours of Premajor or Preprofessicher |  | 17 | 14 |
|  | Credit Hours of Major's Requirements: |  | 30-33 | 30-33 |
|  | Credit Hours for Required Minor: |  |  |  |
|  | Credit Hours Needed for a Specific Op |  | 18-23 | 18-23 |
|  | Credit Hours Outside of Major Subject | ield: | $\underline{21}$ | $\underline{21}$ |
|  | Credit Hours in Technical or Professio | lectives: | - |  |
|  | Minimum Credit Hours of Free/Suppo |  | 2-10 | 5-13 |
|  | Total Credit Hours Required by Level: | 100: | 38-41 | 35-38 |
|  |  | 200: | 12-15 | 9-12 |
|  |  | 300: | 11-14 | 11-14 |
|  |  | 400-500: | 10-23 | 10-23 |
|  | Total Credit Hours Required for Gradu |  | $\underline{120}$ | 120 |

14. Rationale for Change(s) - if rationale involves accreditation requirements, please include specific references to that.

There are four proposed changes embodied in this document. 1) The proposed change dropping WRD 203 from the pre-major portion of the curriculum is due to the fact that PLS 490, as revised, has been approved as the HPLS program's GCCR. WRD 203 was serving to meet the HPLS program's GWR and is no longer needed. 2) The proposed change replacing BIO 150 with BIO 148 in the major requirements merely reflects the fact that BIO 150 no longer exists. 3) The proposed changes reflect the fact that Animal Science has prerequisite courses for a number of the courses recommended/required in the minor in Animal Science that is required as a part of the Crops and Livestock option, and those prerequisite courses have changed. The proposed changes also make those prerequisites transparent on the HPLS program documentation. 4) The proposed change replacing STA 291 with STA 296 in the UK CORE and specialty support requirement for the Crop, Soil and Horticulture Science option merely reflects the fact that STA 291 will no longer exist. 5) The proposed changes in the HPLS Horticulture Enterprise Management option reflect the fact that PLS 352 and 465 are no longer being taught, and that PLS 525 has been expanded to cover more material and is now a 4 credit course.
15. List below the typical semester by semester program for the major. If multiple options are available, attach a
separate sheet for each option.

| YEAR 1 - FALL: <br> (e.g. "BIO 103; 3 credits") | CROP SOIL HORT SCIENCE, TURFGRASS SCIENCE and CROPS AND LIVESTOCK options: <br> GEN 100, 3 credits CIS/WRD 110, 3 credits <br> MA 123, 4 credits <br> UK Core Arts, 3 credits <br> CLD 102 UK Core, 3 credits <br> HORT ENTERPRISE <br> MANAGEMENT <br> WRD 110, 3 credits <br> PLS 104, 3 credits <br> CLD 102, 3 credits <br> MA 123, 4 credits <br> PLS 100, 1 credit <br> GEN 100, 3 credits | YEAR 1 - SPRING: | CROP SOIL HORT SCIENCE, TURFGRASS SCIENCE and CROPS AND LIVESTOCK options: <br> CHE 105, 4 credits CHE 111, 1 credit CIS/WRD 111, 3 credits STA 210/296, 3 credits UK Core Humanities, 3 credits <br> HORT ENTERPRISE MANAGEMENT CHE 105, 4 credits CHE 111, 1 credit ACC 201, 3 credits Elective, 3 credits ECO 201, 3 credits LA111, 3 credits |
| :---: | :---: | :---: | :---: |
| YEAR 2 - FALL : | CROP SOIL HORT SCIENCE <br> BIO 148, 3 credits <br> PLS 104, 3 credits <br> CHE 107, 3 credits <br> CHE 113, 2 credits <br> UK Core Global, 3 credits <br> TURFGRASS SCIENCE <br> PLS 104, 3 credits <br> PLS 210, 3 credits <br> CHE 107, 3 credits <br> CHE 113, 2 credits <br> UK Core Global, 3 credits <br> CROPS AND LIVESTOCK <br> PLS 104, 3 credits <br> PLS 210, 3 credits <br> CHE 107, 3 credits <br> CHE 113, 2 credits <br> ASC 101, 3 credits <br> HORT ENTERPRISE <br> MANAGEMENT <br> CHE 107, 3 credits <br> CHE 113, 2 credits <br> PLS 210, 3 credits <br> PLS 220, 3 credits <br> ENT 320, 3 credits <br> WRD 111, 3 credits | YEAR 2 - SPRING: | CROP SOIL HORT SCIENCE BIO 152, 3 credits PLS 366, 4 credits CHE 226/230/236, 3 credits PLS course, 3 credits Spec Support, 3 credits <br> TURFGRASS SCIENCE PLS 366, 4 credits CHE 226/236, 3 credits PLS course, 3 credits Spec Support, 3 credits Spec Support, 3 credits <br> CROPS AND LIVESTOCK <br> ASC 102, 3 credits <br> CHE 236, 3 credits <br> PLS 366, 4 credits <br> UK Core Global, 3 credits PLS course, 3 credits <br> HORT ENTERPRISE <br> MANAGEMENT <br> PLS 440, 3 credits <br> PLS 366, 4 credits <br> STA 210, 3 credits <br> AEC 305, 3 credits <br> PHI 100, 3 credits |
| YEAR 3 - FALL: | CROP SOIL HORT SCIENCE PLS 220, 3 credits | YEAR 3 - SPRING: | $\begin{aligned} & \text { CROP SOIL HORT SCIENCE } \\ & \underline{\text { PLS 395/399,3 credits }} \end{aligned}$ |


|  | PLS 386, 4 credits PLS course, 3 credits Spec Support, 3 credits Spec Support, 3 credits <br> TURFGRASS SCIENCE PLS 220, 3 credits PLS 386, 4 credits ENT 320, 3 credits Spec Support, 3 credits Spec Support, 3 credits <br> CROPS AND LIVESTOCK PLS 220, 3 credits PLS 386, 4 credits PLS course, 3 credits ASC minor course, 3 credits ASC minor course, 3 credits <br> HORT ENTERPRISE MANAGEMENT PLS 386, 4 credits Elective, 3 credits PLS 451, 3 credits PLS 320, 4 credits AEC 320, 3 credits |  | PLS 404, 3 credits PLS course, 3 credits Spec Support, 3 credits Spec Support, 3 credits <br> TURFGRASS SCIENCE PLS 395/399,3 credits PLS 404, 3 credits PLS 514, 3 credits Spec Support, 3 credits Elective, 3 credits <br> CROPS AND LIVESTOCK PLS 395/399, 3 credits PLS 404, 3 credits PLS 510, 3 credits PLS course, 3 credits ASC minor course, 3 credits <br> HORT ENTERPRISE MANAGEMENT PLS 520, 4 credits PLS 332, 2 credits SAG 201, 3 credits AEC 303, 3 credits AEC 309, 3 credits |
| :---: | :---: | :---: | :---: |
| YEAR 4 - FALL: | CROP SOIL HORT SCIENCE <br> PLS course, 3 credits <br> PLS course, 3 credits <br> Electives, 9 credits <br> TURFGRASS SCIENCE <br> PLS 515, 3 credits <br> PPA 400G, 3 credits <br> PLS course, 3 credits <br> Electives, 6 credits <br> CROPS AND LIVESTOCK <br> PLS course, 3 credits <br> PLS course, 3 credits <br> Electives, 9 credits <br> HORT ENTERPRISE <br> MANAGEMENT <br> PPA 400G, 3 credits <br> PLS 490, 3 credits <br> PLS 330, 2 credits <br> AEC 324, 3 credits <br> Elective, 3 credits | YEAR 4 - SPRING: | CROP SOIL HORT SCIENCE PLS 470G,3 credits <br> PLS 490,3 credits <br> PLS course 3 credits <br> Electives, 5 credits <br> TURFGRASS SCIENCE <br> PLS 470G, 3 credits <br> PLS 490,3 credits <br> PLS course, 3 credits <br> Electives, 5 credits <br> CROPS AND LIVESTOCK <br> PLS 470G, 3 credits <br> PLS 490,3 credits <br> Electives, 5 credits <br> HORT ENTERPRISE <br> MANAGEMENT <br> PLS 525, 4 credits <br> PLS 404, 4 credits <br> PLS 470G, 3 credits <br> PLS 399, 3 credits <br> PLS 510, 3 credits |

## Signature Routing Log

## General Information:

Current Degree Title and Major Name: BS in Horticulture, Plant and Soil Science
Proposal Contact Person Name: John H. Grove Phone: 257-5852 Email: jgrove@uky.edu

INSTRUCTIONS:
Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

## Internal College Approvals and Course Cross-listing Approvals:

| Reviewing Group | Date <br> Approved | Contact Person (name/phone/email) | Signature |
| :--- | :---: | :---: | :---: |
| Plant and Soil Science | $02 / 24 / 15$ | John H. Grove / 7-5852 / jgrove@uky.edu |  |
| Horticulture | $02 / 24 / 15$ | Robert Geneve / 7-8610 / <br> rgeneve@uky.edu |  |
| Undergraduate <br> Curriculum Committee, <br> College of Agriculture, <br> Food and Environment | $02 / 27 / 15$ | Larry J. Grabau / 7-3469 / <br> lgrabau@uky.edu |  |
|  |  | $/$ |  |
|  |  | $/$ |  |
|  |  | $/$ |  |

## External-to-College Approvals:

| Council | Date <br> Approved | Signature | Approval of <br> Revision |
| :---: | :---: | :---: | :---: |
| Undergraduate Council | $3 / 10 / 15$ | Joanie Ett-Mims |  |
| Graduate Council |  |  |  |
| Health Care Colleges Council |  |  |  |
| Senate Council Approval |  | University Senate Approval |  |

## Comments:

[^2]
[^0]:    ${ }^{1}$ Prior to filling out this form, you MUST contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the (APAA) can provide you with that during the contact.
    ${ }^{2}$ Program changes are typically made effective for the semester following approval. No program will be made effective until all approvals are received.

[^1]:    ${ }^{3}$ Note that MA 109 is NOT approved as a Quantitative Foundations course. Students in a major requiring calculus will use a calculus course (MA $113,123,137$ or 138 ) while students not requiring calculus should take MA 111, PHI 120 or another approved course.

[^2]:    ${ }^{4}$ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

