

# CHANGE UNDERGRADUATE PROGRAM FORM

## 1. General Information

College: <u>Agriculture, Food, and Environment</u>		Department: <u>UK Ag Equine Programs</u>	
Current Major Name: <u>Equine Science and Management</u>		Proposed Major Name: <u>No change</u>	
Current Degree Title: <u>BS Equine Science and Management</u>		Proposed Degree Title: <u>No change</u>	
Formal Option(s): <u>4 emphasis areas</u>		Proposed Formal Option(s): <u>No change</u>	
Specialty Field w/in Formal Option: <u>N/A</u>		Proposed Specialty Field w/in Formal Options: <u>N/A</u>	
Date of Contact with Associate Provost for Academic Administration <sup>1</sup> : _____			
Bulletin (yr & pgs): _____	CIP Code <sup>1</sup> : <u>010307</u>	Today's Date: <u>February 4, 2015</u>	
Accrediting Agency (if applicable): <u>N/A</u>			
Requested Effective Date: <input checked="" type="checkbox"/> Semester following approval.    OR <input type="checkbox"/> Specific Date <sup>2</sup> : _____			
Dept. Contact Person: <u>Dr. Bob Coleman</u>		Phone: <u>257-9451</u>	Email: <u>rcoleman@uky.edu</u>

## 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:**  
\_\_\_\_\_

***Please identify below the suggested courses/credit hours to fulfill the General Education curriculum.***

General Education Area	Course	Credit Hrs
<b>I. Intellectual Inquiry (one course in each area)</b>		
Arts and Creativity	<u>no suggested course</u>	<u>3</u>
Humanities	<u>no suggested course</u>	<u>3</u>
Social Sciences	<u>no suggested course</u>	<u>3</u>
Natural/Physical/Mathematical	<u>no suggested course</u>	<u>3</u>
<b>II. Composition and Communication</b>		
Composition and Communication I	CIS or WRD 110	3
Composition and Communication II	CIS or WRD 111	3

<sup>1</sup> 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.

<sup>2</sup> Program changes are typically made effective for the semester following approval. No program will be made effective until all approvals are received.

## CHANGE UNDERGRADUATE PROGRAM FORM

<b>III. Quantitative Reasoning (one course in each area)</b>			
		<u>MA 123, MA 113 or MA 137</u>	<u>4</u>
Quantitative Foundations <sup>3</sup>			
Statistical Inferential Reasoning		<u>STA 210</u>	<u>3</u>
<b>IV. Citizenship (one course in each area)</b>			
Community, Culture and Citizenship in the USA		<u>GEN 100</u>	<u>3</u>
Global Dynamics		<u>no suggested course</u>	<u>3</u>
<b>Total General Education Hours</b>			<u>31</u>

**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).**

Biology has changed the pre-requisites for BIO 152 therefore BIO 148 is being added to the pre-major requirements..

**4. Explain how satisfaction of the University Graduation Writing Requirement will be changed.**

<b>Current</b>	<b>Proposed</b>
<input type="checkbox"/> Standard University course offering. List: _____	<input type="checkbox"/> <i>Standard University course offering.</i> List: _____
<input type="checkbox"/> Specific course – list: _____	<input type="checkbox"/> <i>Specific course) – list: _____</i>

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

<b>Current</b>	<b>Proposed</b>
<input type="checkbox"/> Standard college requirement. List: _____	<input type="checkbox"/> <i>Standard college requirement.</i> List: _____
<input type="checkbox"/> Specific required course – list: _____	<input type="checkbox"/> <i>Specific course – list: _____</i>

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

<b>Current</b>	<b>Proposed</b>
<u>BIO 152 , 3 credits</u>	<u>BIO 148,3 credits</u>
<u>CHE 105 , 4 credits</u>	<u>BIO 152 ,3 credits</u>
<u>CHE 107 ,3 credits</u>	<u>CHE 105 ,4 credits</u>
<u>CHE 111,1 credit</u>	<u>CHE 107 , 3 credits</u>
<u>CHE 113, 2 credits</u>	<u>CHE 111,1 credits</u>
<u>or</u>	<u>CHE ,113,2 credits</u>
<u>CHE 104,3 credits</u>	<u>or</u>
<u>CHE 108, 3 credits</u>	<u>CHE 104, 3 credits</u>
<u>ECO 201 ,3 credits</u>	<u>CHE 108, 3 credits</u>
<u>MA 123,4 credits</u>	<u>or</u>
<u>or</u>	<u>CHE 105, 4 credits</u>
<u>MA 113,4 credits or MA 137 4 credits</u>	<u>CHE 108, 3 credits</u>
<u>Total -16-20</u>	<u>ECO 201, 3 credits</u>
	<u>MA 123,4 credits</u>

<sup>3</sup> 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.

CHANGE UNDERGRADUATE PROGRAM FORM

	<u>or</u> <u>MA 113,4 credits</u> <u>Total 19-23 credits</u>
--	--

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

Current	Proposed
<u>ASC 101 Animal Biology 3 credits</u> <u>EQM 101 Introduction to the Horse and the Horse Industry 2 credits</u> <u>EQM 105 Equine Behavior and Handling 2 credits</u> <u>ASC 310 Equine Anatomy - 2 credits</u> <u>ASC 320 Equine Management 3 credits</u> <u>EQM 351 Equine Health and Diseases 3 credits</u> <u>EQM 399 Equine Science and Management Internship 3 credits</u> <u>EQM 490 Capstone in Equine Science and Management 3 credits</u> <u>AEC 302 Agricultural Management Principles 4 credits</u> <u>Total 25 credits</u>	<u>No change</u>

8. Does the pgm require a minor AND does the proposed change affect the required minor?  N/A  Yes  No

If “Yes,” indicate current courses and proposed changes below.

Current	Proposed
_____	_____

9. Does the proposed change affect any option(s)?  N/A  Yes  No

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

Current	Proposed
<u>Students must have one emphasis area. In order to have an emphasis area students must take 9 credits in one area. Students can then select 12 additional credits from any emphasis areas:</u>  <u>Emphasis: Community Leadership and Development:</u> <u>CLD 100 Introduction to Community and Leadership Development 1 credit</u> <u>CLD 102 The Dynamics of Rural Social Life 3 credits</u> <u>CLD 230 Intrapersonal Leadership 3 credits</u> <u>CLD 225 Community and Communications: Exploring Their Intersection 3 credits</u> <u>CLD 260 Community Portraits 3 credits</u> <u>CLD 401 Principles of Cooperative Extension 3 credits</u>  <u>Emphasis: Equine Science</u> <u>ASC 311 Advanced Equine Evaluation 1 credit</u>	<u>The current requirement and list of courses required under each emphasis area will remain the same with the addition of EQM 300: Special Topics in ESMA and/or any other EQM 300 or higher course to be included in the Equine Science and Equine Business emphasis areas as developed.</u>

CHANGE UNDERGRADUATE PROGRAM FORM

<p><u>ASC 389 Equine Nutrition 2 credits</u>  <u>ASC 410G Equine Science 3 credits</u>  <u>VS 500 Advanced Equine Reproduction 3 credits</u>  <u>VS 307 Genetics of Horses 3 credits</u>  <u>ASC 378 Animal Nutrition and Feeding 4 credits</u>  <u>ASC 325 Animal Physiology 3 credits</u>  <u>ASC 364 Reproductive Physiology of Farm Animals 4 credits</u>  <u>ASC 362 Animal Breeding 4 credits</u></p> <p><u>Emphasis: Equine Business</u>  <u>AEC 305 Food &amp; Agricultural Marketing Principles 3 credits</u>  <u>AEC 320 Ag Product Marketing &amp; Sales 3 credits</u>  <u>or MKT 300 Marketing Management 3 credits</u>  <u>AEC 300 Special Topics in Agricultural Economics Equine Marketing 3 credits</u>  <u>AEC 340 Human Resource Management in Agriculture 3 credits</u>  <u>EQM 106 Introduction to Equine Careers 1 credit</u>  <u>EQM 205 Equine Career Preparation 1 credit</u>  <u>EQM 301 Thoroughbred Sales 1 credit</u>  <u>EQM 302 Equine Event Planning 1 credit</u>  <u>AEC 324 Ag Law 3 credits</u>  <u>AEC 325 Equine Law 3 credits</u></p> <p><u>Emphasis: Forage/Pasture</u>  <u>PLS 366 Fundamentals of Soil Science 4 credits</u>  <u>PLS 510 Forage Management and Utilization 3 credits</u>  <u>PLS 404 Integrated Weed Management 4 credits</u>  <u>PLS 468G Soil Use and Management 3 credits</u>  <u>PLS 470G Soil Nutrient Management 3 credits</u>  <u>PLS 531 Field Schools in Crop Pest Management 2 credits</u></p>	
--	--

**10. Does the change affect pgm requirements for number of credit hrs outside the major subject in a related field?**

Yes  No

If so, indicate current courses and proposed changes below.

Current	<i>Proposed</i>
_____	_____

**11. Does the change affect pgm requirements for technical or professional support electives?**

Yes  No

If so, indicate current courses and proposed changes below.

Current	<i>Proposed</i>
_____	_____

**12. Does the change affect a minimum number of free credit hours or support electives?**

Yes  No

If "Yes," indicate current courses and proposed changes below.

## CHANGE UNDERGRADUATE PROGRAM FORM

Current	<i>Proposed</i>
<u>9</u>	<u>6</u>

### 13. Summary of changes in required credit hours:

	Current	<i>Proposed</i>
a. Credit Hours of Premajor or Preprofessional Courses:	<u>16-20</u>	<u>19-23</u>
b. Credit Hours of Major's Requirements:	<u>25</u>	<u>25</u>
c. Credit Hours for Required Minor:	<u>0</u>	<u>0</u>
d. Credit Hours Needed for a Specific Option:	<u>21</u>	<u>21</u>
e. Credit Hours Outside of Major Subject in Related Field:	<u>0</u>	<u>0</u>
f. Credit Hours in Technical or Professional Support Electives:	<u>18</u>	<u>18</u>
g. Minimum Credit Hours of Free/Supportive Electives:	<u>9</u>	<u>6</u>
h. Total Credit Hours Required by Level:	100: <u>29-33</u>	<u>29-33</u>
	200: <u>6</u>	<u>9-15</u>
	300: <u>15-42</u>	<u>15-45</u>
	400-500: <u>3-30</u>	<u>3-30</u>
i. Total Credit Hours Required for Graduation:	<u>120</u>	<u>120</u>

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

The Biology department has changed the pre-requisite requirements for BIO 152. Students must now take BIO 148 before they can take BIO 152. Therefore, we have added BIO 148 as a pre-major requirement.

We would like to give students the option who start the ESMA chemistry requirement in CHE 105 the opportunity to complete the program's chemistry requirement with CHE 108.

EQM 300: Special Topics in ESMA is a newly approved course and will allow additional equine focused courses within the areas of emphasis. This will take advantage of professional expertise that supports the student's plan of study.

### 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: (e.g. "BIO 103; 3 credits")	<u>See attached sheet.</u>	YEAR 1 – SPRING:	_____
YEAR 2 - FALL :	_____	YEAR 2 – SPRING:	_____
YEAR 3 - FALL:	_____	YEAR 3 - SPRING:	_____
YEAR 4 - FALL:	_____	YEAR 4 - SPRING:	_____

CHANGE UNDERGRADUATE PROGRAM FORM

Signature Routing Log

**General Information:**

Current Degree Title and Major Name: Equine Science and Management

Proposal Contact Person Name: Dr. Bob Coleman Phone: 257-9451 Email: rcoleman@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 Approved	Contact Person (name/phone/email)	Signature
Director of Undergraduate Studies for ESMA	2/4/15	Dr. Bob Coleman / 257-9451 / rcoleman@uky.edu	
Undergraduate Curriculum Committee, CAFE	2/6/15	Larry J. Grabau / 257-3469 / lgrabau@uky.edu	
		/ /	
		/ /	
		/ /	

**External-to-College Approvals:**

Council	Date Approved	Signature	Approval of Revision <sup>4</sup>
Undergraduate Council	3/3/15	Joanie Ett-Mims	
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

---

<sup>4</sup> Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

## Equine Science and Management Example Plan of Study Emphasis Area – Business

Year 1		Year 2		Year 3		Year 4	
1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)
ASC 101 Domestic Animal Biology (3)	EQM 105 Equine Behavior and Handling (2)	ASC 320 Equine Management (3)	ASC 310 Equine Anatomy (2)	Business Emphasis Area Course (3)*	EQM 351 Equine Health and Diseases (3)	AEC 302 Agricultural Management Principles (4)	EQM 490 Capstone in Equine Science and Management (3)
EQM 101 Intro. to the Horse & Horse Industry (2)	CHE 108 Intro. of Inorganic, Organic, and Biochem. (3)	CIS/WRD 111 Com. & Comp II (3)	Specialty Support Elective (3)	Business Emphasis Area Course (3)*	Business Emphasis Area Course (3)*	Specialty Support Elective (3)	Specialty Support Elective (3)
GEN 100 Issues in Agriculture (3)	CIS/WRD 110 Com. & Comp. I (3)	STA 210 Intro. to Statistical Reasoning (3)	BIO 152 Principles of Biology II (3)	Additional Emphasis Area Course (3)**	EQM 399 ESMA Internship (3)	Specialty Support Elective (3)	Specialty Support Elective (3)
CHE 104 Intro. to General Chem. (3)	ECO 201 Principles of Economics I (3)	BIO 148 Principles of Biology I (3)	Natural, Physical & Mathematical Sciences (3)	Specialty Support Elective (3)	Additional Emphasis Area Course (3)**	Additional Emphasis Area Course (3)**	Free Elective (3)
MA 123, 113, or 137 Calculus (4)	UK Core-Arts & Creativity Course (3)	UK Core Humanities Course (3)	UK Core Global Dynamics Course (3)	UK Core Social Sciences Course(3)	GCCR Req. Course (3)	Additional Emphasis Area Course (3)**	Free Elective (4)
<b>Total hrs 15</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>16</b>

\*These courses will meet the 9 credit hour requirement for the area of emphasis.

\*\* These courses will meet the 12 credit hour requirement to complete the 21 credit hour total for the area of emphasis.

## Equine Science and Management Example Plan of Study Emphasis Area – Community Leadership and Development (CLD)

Year 1		Year 2		Year 3		Year 4	
1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)
ASC 101 Domestic Animal Biology (3)	EQM 105 Equine Behavior and Handling (2)	ASC 320 Equine Management (3)	ASC 310 Equine Anatomy (2)	CLD Emphasis Area Course (3)*	EQM 351 Equine Health and Diseases (3)	AEC 302 Agricultural Management Principles (4)	EQM 490 Capstone in Equine Science and Management (3)
EQM 101 Intro. to the Horse & Horse Industry (2)	CHE 108 Intro. of Inorganic, Organic, and Biochem. (3)	CIS/WRD 111 Com. & Comp II (3)	Specialty Support Elective (3)	CLD Emphasis Area Course (3)*	CLD Emphasis Area Course (3)*	Specialty Support Elective (3)	Specialty Support Elective (3)
GEN 100 Issues in Agriculture (3)	CIS/WRD 110 Com. & Comp. I (3)	STA 210 Intro. to Statistical Reasoning (3)	BIO 152 Principles of Biology II (3)	Additional Emphasis Area Course (3)**	EQM 399 ESMA Internship (3)	Specialty Support Elective (3)	Specialty Support Elective (3)
CHE 104 Intro. to General Chem. (3)	ECO 201 Principles of Economics I (3)	BIO 148 Principles of Biology I (3)	Natural, Physical & Mathematical Sciences (3)	Specialty Support Elective (3)	Additional Emphasis Area Course (3)**	Additional Emphasis Area Course (3)**	Free Elective (4)
MA 123, 113, or 137 Calculus (4)	UK Core-Arts & Creativity Course (3)	UK Core Humanities Course (3)	UK Core Global Dynamics Course (3)	UK Core Social Sciences Course(3)	GCCR Req. Course (3)	Additional Emphasis Area Course (3)**	Free Elective (3)
<b>Total hrs</b> 15	<b>14</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>16</b>

\*These courses will meet the 9 credit hour requirement for the area of emphasis.

\*\* These courses will meet the 12 credit hour requirement to complete the 21 credit hour total for the area of emphasis.



## Equine Science and Management Example Plan of Study Emphasis Area – Equine Science

Year 1		Year 2		Year 3		Year 4	
1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)
ASC 101 Domestic Animal Biology (3)	EQM 105 Equine Behavior and Handling (2)	ASC 320 Equine Management (3)	ASC 310 Equine Anatomy (2)	Equine Science Emphasis Area Course (3)*	EQM 351 Equine Health and Diseases (3)	AEC 302 Agricultural Management Principles (4)	EQM 490 Capstone in Equine Science & Management (3)
EQM 101 Intro. to the Horse & Horse Industry (2)	CHE 107 General Chemistry II (3)	CIS/WRD 111 Com. & Comp II (3)	Specialty Support Elective (3)	Equine Science Emphasis Area Course (3)*	Equine Science Emphasis Area Course (3)*	Specialty Support Elective (3)	Specialty Support Elective (3)
GEN 100 Issues in Agriculture (3)	CHE 113 General Chemistry II Lab (2)	STA 210 Intro. to Statistical Reasoning (3)	Additional Emphasis Area Course (3)**	Additional Emphasis Area Course (3)**	EQM 399 ESMA Internship (3)	Specialty Support Elective (3)	Free Elective (3)
CHE 105 General Chemistry I (4)	CIS/WRD 110 Com. & Comp. I (3)	BIO 148 Principles of Biology I (3)	BIO 152 Principles of Biology II (3)	Specialty Support Elective (3)	Additional Emphasis Area Course (3)**	Additional Emphasis Area Course (3)**	F (3)
CHE 111 General Chemistry I Lab (1)	ECO 201 Principles of Economics I (3)	UK Core Humanities Course (3)	UK Core Global Dynamics Course (3)	UK Core Social Sciences Course(3)	GCCR Req. Course (3)	Specialty Support Elective (3)	
MA 123, 113, or 137 Calculus (4)	UK Core-Arts & Creativity Course (3)						
<b>Total hrs 17</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>12</b>

\*These courses will meet the 9 credit hour requirement for the area of emphasis.

\*\* These courses will meet the 12 credit hour requirement to complete the 21 credit hour total for the area of emphasis.

## Equine Science and Management Example Plan of Study Emphasis Area – Forages/Pasture Management

Year 1		Year 2		Year 3		Year 4	
1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)	1 <sup>st</sup> semester Course / (Hrs.)	2 <sup>nd</sup> semester Course / (Hrs.)
ASC 101 Domestic Animal Biology (3)	EQM 105 Equine Behavior and Handling (2)	ASC 320 Equine Management (3)	ASC 310 Equine Anatomy (2)	Forages/ Pastures Emphasis Area Course (3)*	EQM 351 Equine Health and Diseases (3)	AEC 302 Agricultural Management Principles (4)	EQM 490 Capstone in Equine Science and Management (3)
EQM 101 Intro. to the Horse & Horse Industry (2)	CHE 107 General Chemistry II (3)	CIS/WRD 111 Com. & Comp II (3)	Specialty Support Elective (3)	Forages/ Pastures Emphasis Area Course (3)*	Forages/ Pastures Emphasis Area Course (3)*	Specialty Support Elective (3)	Specialty Support Elective (3)
GEN 100 Issues in Agriculture (3)	CHE 113 General Chemistry II Lab (2)	STA 210 Intro. to Statistical Reasoning (3)	Additional Emphasis Area Course (3)**	Additional Emphasis Area Course (3)**	EQM 399 ESMA Internship (3)	Specialty Support Elective (3)	Free Elective (3)
CHE 105 General Chemistry I (4)	CIS/WRD 110 Com. & Comp. I (3)	BIO 148 Principles of Biology I (3)	BIO 152 Principles of Biology II (3)	Specialty Support Elective (3)	Additional Emphasis Area Course (3)**	Additional Emphasis Area Course (3)**	Free Elective (3)
CHE 111 General Chemistry I Lab (1)	ECO 201 Principles of Economics I (3)	UK Core Humanities Course (3)	UK Core Global Dynamics Course (3)	UK Core Social Sciences Course(3)	GCCR Req. Course (3)	Specialty Support Elective (3)	
MA 123, 113, or 137 Calculus (4)	UK Core-Arts & Creativity Course (3)						
<b>Total hrs</b> 17	<b>16</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>12</b>

\*These courses will meet the 9 credit hour requirement for the area of emphasis.

\*\* These courses will meet the 12 credit hour requirement to complete the 21 credit hour total for the area of emphasis.