

UNIVERSITY CURRICULUM COMMITTEE

Minutes #8 – Recorded by Joanne Savage (Recording Secretary)

Members Present: Allbaugh, Allen, Carlson, Fillman, Howell, Johnston, Lippert, Nur-Awaleh, Savage, Thayn, Wolf, Zeng, Hurd

Members Absent: Akman, Jadallah, Jia

Guests: Jennifer Earing – Agriculture Department, Danielle Lindsey – Registrar's Office

1. CONVENE: Lippert convened October 23, 2019 UCC Meeting

2. INTRODUCTIONS: Jennifer Earing from Agriculture

The members also went around the table and each member introduced him/herself

3. APPROVAL OF MINUTES: Minutes #7 –

Wolf motioned to approve. Carlson seconded. 2 abstained 11 voted to approve.

4. PROPOSED DISCUSSION AND ACTION:

a. [Animal Science Sequence](#) – Revise Program – Wolf, Carlson

Wolf – the three programs have similar changes designed to freshen up the program to make more flexible and more rigorous. Adding some courses to the program. Adding two courses from other departments with letters of support. Substituting different Math course that would fulfill Gen Ed requirement. Hours add up correctly. The minimum hours now tallies to 58 for the major.

Zeng asked about an approval form required for increasing hours; Hurd noted that an approval form is required any time there is an increase in hours and this one was approved by Provost prior to coming to this committee. Lindsey said they try not to circulate a program to the committee until all courses and other forms have been approved. This may change when we approach the deadline for the 2020-2021 catalog.

Lippert question confirming that pre-requisites are included in requirements; answer yes -- no hidden prerequisites.

Earing commented that the proposed changes will provide more flexibility for students to take courses in different order; previously Lindsey noted that agriculture had to file many exceptions.

Motion to approve this proposal: Wolf

Second: Carlson

Vote:

In favor 13

Against 0

Abstentions 0

APPROVED CATALOG COPY FOR 2020-2021

Major (min. 58 credit hours)

_____ 3 AGR 109 Introduction to the Agriculture Industry

_____ 4 AGR 170 Introduction to Animal Science

_____ 2 AGR 173 Working With Domestic Animals (P: AGR 170 or conc. reg.)

_____ 3 AGR 272 Agricultural Genetics

_____ 4 AGR 275 Introduction to Animal Nutrition (P: AGR 170)

_____ 3 AGR 282 Anatomy & Physiology of Livestock & Companion Animals I (P: AGR 170 and BSC 196 or 197)

_____ 3 AGR 283 Reproductive Physiology of Livestock

_____ 3 AGR 286 Behavior of Domestic Animals

_____ 3 AGR 380 Current Issues in the Livestock Industry (P: AGR 170, 173, 272, 275, 282, 283, 286; 75+ earned or in progress hours)

Take 2 of the following courses:

_____ 3 AGR 110 Introductory Agricultural Economics

_____ 3 AGR 120 Introductory Horticulture

_____ 3 AGR 130 Introduction to Agricultural Engineering Technology

- _____ 4 AGR 150 Principles of Agronomy
- _____ 4 AGR 157 Soil Science (P: CHE 102 or 110 or 140)

Choose 1 of the following options:

- _____ 3 AGR 309 Beef Management (P: AGR 170, 272, 275, 282)
- _____ 3 AGR 308 Swine Management (P: AGR 170, 272, 275, 282)
- _____ 3 AGR 326 Small Ruminant Management (P: AGR 170, 272, 275, 282)
- _____ 3 AGR 325 Equine Management (P: AGR 170, 272, 275, 282)
- _____ 2 AGR 381A01 Livestock Industry: Beef Cattle (P: AGR 170, 173, 272, 275, 282, 283, 286, 380 or conc. reg.)
- _____ 2 AGR 381A03 Livestock Industry: Swine (P: AGR 170, 173, 272, 275, 282, 283, 286, 380 or conc. reg.)
- _____ 2 AGR 398 Professional Practice: Internship in Agriculture (P: 2.5 GPA; 8 hours of course work in intern area; approved application)

Choose 1 of the following options:

- _____ 4/1 CHE 110/112 Fundamentals of Chemistry & Laboratory
 - _____ 4/4 CHE 140 General Chemistry I (P: C or better in MAT 119; or C or better in MAT 120 or 144 or 145 or conc. reg.)
- AND CHE 141 General Chemistry II (P: CHE 140)

Choose 1 of the following options:

- _____ 3 ECO 138 Economic Reasoning Using Statistics (P:MAT 120, 121, 144 or 145)
- _____ 3 MQM 100 Statistical Reasoning (P: MAT 120, 121, 144 or 145)

Choose 1 of the following options:

- _____ 5 CHE 220 Elementary Organic Chemistry (P: CHE 112 or 141)
- _____ 3/1 CHE 230 Organic Chemistry I (P: CHE 141) AND CHE 231 Organic Chemistry Laboratory (P: CHE 141; conc. reg. in CHE 230)

Take 1 of the following courses:

- _____ 3 CHE 242 Basic Biochemistry (P: 1 semester of organic chemistry)
- _____ 3 CHE 342 General Biochemistry I (P: C or better in CHE 232 or 1 year of organic chemistry)

Take 1 of the following courses:

- _____ 4 BSC 196 Biological Diversity
- _____ 4 BSC 197 Molecular & Cellular Basis of Life

Take 1 of the following courses:

- _____ 4 MAT 120 Finite Mathematics (P: C or better in MAT 119 or placement)
- _____ 4 MAT 144 Precalculus (P: C or better in MAT 119 & 108 or placement)
- _____ 4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)

Take 6 credit hours of additional Animal Science electives:

Please consult your academic advisor.

b. [Pre-Veterinary Medicine Sequence](#) – Revise Program – Wolf, Carlson

Wolf presented proposal. Similar changes to previous item. These will make program more attractive. Almost the same changes as previous sequence.

Earing: Changes to core apply to all of these sequences.

Hours have decreased on this sequence.

Question Lippert: do they need to list prerequisite for MAT 145 (MAT 144). Answer from Lindsey: yes, this stays with the course.

Motion to approve this proposal: Wolf

Second: Carlson

Vote:

In favor 13

Against 0

Abstentions 0

APPROVED CATALOG COPY FOR 2020-2021

Major (min. 70 credit hours)

- _____ 3 AGR 109 Introduction to the Agriculture Industry
- _____ 4 AGR 170 Introduction to Animal Science
- _____ 2 AGR 173 Working With Domestic Animals (P: AGR 170 or conc. reg.)
- _____ 3 AGR 272 Agricultural Genetics
- _____ 4 AGR 275 Introduction to Animal Nutrition (P: AGR 170)
- _____ 3 AGR 282 Anatomy & Physiology of Livestock & Companion Animals I (P: AGR 170 and BSC 196 or 197)
- _____ 3 AGR 283 Reproductive Physiology of Livestock
- _____ 3 AGR 286 Behavior of Domestic Animals
- _____ 3 AGR 380 Current Issues in the Livestock Industry (P: AGR 170, 173, 272, 275, 282, 283, 286; 75+ earned or in progress hours)
- _____ 4 BSC 196 Biological Diversity
- _____ 4 BSC 197 Molecular & Cellular Basis of Life
- _____ 4 CHE 140 General Chemistry I (P: C or better in MAT 119; or C or better in MAT 120 or 144 or 145 or conc. reg.)
- _____ 4 CHE 141 General Chemistry II (P: CHE 140)
- _____ 3 CHE 230 Organic Chemistry I (P: CHE 141)
- _____ 1 CHE 231 Organic Chemistry Laboratory (P: CHE 141; conc. reg. in CHE 230)

Take 2 of the following courses:

- _____ 3 AGR 110 Introductory Agricultural Economics
- _____ 3 AGR 120 Introductory Horticulture
- _____ 3 AGR 130 Introduction to Agricultural Engineering Technology
- _____ 4 AGR 150 Principles of Agronomy
- _____ 4 AGR 157 Soil Science (P: CHE 102 or 110 or 140)

Choose 1 of the following options:

- _____ 2 AGR 381A01 Livestock Industry: Beef Cattle (P: AGR 170, 173, 272, 275, 282, 283, 286, 380 or conc. reg.)
- _____ 2 AGR 381A03 Livestock Industry: Swine (P: AGR 170, 173, 272, 275, 282, 283, 286, 380 or conc. reg.)
- _____ 2 AGR 398 Professional Practice: Internship in Agriculture (P: 2.5 GPA; 8 hours of course work in intern area; approved application)

Take 1 of the following courses:

- _____ 3 CHE 242 Basic Biochemistry (P: 1 semester of organic chemistry)
- _____ 3 CHE 342 General Biochemistry I (P: C or better in CHE 232 or 1 year of organic chemistry)

Take 1 of the following courses:

- _____ 4 BSC 196 Biological Diversity
- _____ 4 BSC 197 Molecular & Cellular Basis of Life

Choose 1 of the following options:

- _____ 5/5 PHY 108 College Physics I AND PHY 109 College Physics II (P:PHY 108 or 110)
- _____ 4/4 PHY 110 Physics for Science & Engineering I (P: MAT 145 or conc. reg.) AND PHY 111 Physics for Science & Engineering II (P: PHY 110 and MAT 146 or conc. reg.)

Take 1 of the following courses:

- _____ 4 MAT 120 Finite Mathematics (P: Mathematics placement or grad of C or better in MAT 119)
- _____ 4 MAT 144 Precalculus (P: C or better in MAT 119 & 108 or placement)
- _____ 4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)

Choose 1 of the following courses:

- _____ 3 ECO 138 Economic Reasoning Using Statistics (P: MAT 120 or 130, or 145)
- _____ 3 MQM 100 Statistical Reasoning (P:MAT 120, 121, 144 or 145)

Take 6 credit hours of additional Animal Science electives:

Please consult your academic advisor.

c. [Animal Industry Management](#) – Revise Program – Wolf, Carlson

Wolf: The difference in this sequence is no math requirement. Adds more flexibility and more choice in classes. Some options have been added.

Guest: Many students come as transfers and the new requirements allow more of them to use prior coursework for transfer credit.

Lindsey: appreciates the submission of course deletions.

Wolf: an additional note states that they had a separate requirement for a class – the last sentence – do they need the line: “Deletion of and BSC 196 or 197 from prerequisites for AGR 282” – Lindsey noted that this was probably just to help UCC understand the change. (This line is in the description of the proposal, not in the catalog copy itself)

Motion to approve this proposal: Wolf

Second: Carlson

Vote:

In favor 13

Against 0

Abstentions 0

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Major (min. 58 credit hours)

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____ 4 AGR 170 Introduction to Animal Science

____ 2 AGR 173 Working With Domestic Animals (P: AGR 170 or conc. reg.)

____ 3 AGR 272 Agricultural Genetics

____ 4 AGR 275 Introduction to Animal Nutrition (P: AGR 170)

____ 3 AGR 282 Anatomy & Physiology of Livestock & Companion Animals I (P: AGR 170 and BSC 196 or 197)

____ 3 AGR 283 Reproductive Physiology of Livestock

____ 3 AGR 286 Behavior of Domestic Animals

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____ 2 AGR 398 Professional Practice: Internship in Agriculture (P: 2.5 GPA; 8 hours of course work in intern area; approved application)

Choose 1 of the following options:

____ 4/1 CHE 110/112 Fundamentals of Chemistry & Laboratory

____ 4/4 CHE 140 General Chemistry I (P: C or better in MAT 119; or C or better in MAT 120 or 144 or 145 or conc. reg.)

AND CHE 141 General Chemistry II (P: CHE 140)

Choose 1 of the following options:

____ 3 ECO 138 Economic Reasoning Using Statistics (P: MAT 120, 121, 144 or 145)

____ 3 MQM 100 Statistical Reasoning (P: MAT 120, 121, 144 or 145)

Choose 1 of the following options:

____ 5 CHE 220 Elementary Organic Chemistry (P: CHE 112 or 141)

____ 3/1 CHE 230 Organic Chemistry I (P: CHE 141) AND CHE 231 Organic Chemistry Laboratory (P: CHE 141; conc. reg. in CHE 230)

Take 1 of the following courses:

_____ 3 CHE 242 Basic Biochemistry (P: 1 semester of organic chemistry)

_____ 3 CHE 342 General Biochemistry I (P: C or better in CHE 232 or 1 year of organic chemistry)

Take 1 of the following courses:

_____ 4 BSC 196 Biological Diversity

_____ 4 BSC 197 Molecular & Cellular Basis of Life

Take 1 of the following courses:

_____ 4 MAT 120 Finite Mathematics (P: C or better in MAT 119 or placement)

_____ 4 MAT 144 Precalculus (P: C or better in MAT 119 & 108 or placement)

_____ 4 MAT 145 Calculus I (P: C or better in MAT 144 or placement)

Take **6 credit hours** of additional Animal Science electives:

Please consult your academic advisor.

5. LIAISON REPORTING/ASSIGNMENTS:

a. Council for General Education – Lippert

Lippert: Moving forward on Gen Ed task force. First meeting set for Oct. 30. Goal is to start from scratch and do full revision. Question Lindsey: Hiatus on Gen Ed proposals? Answer Hurd: not now

Hurd: There will be many focus groups. Lindsey recommended transfer student focus groups to understand their experiences.

Thayn: is GenEd broken?

Hurd: Yes and according to by laws, Gen Ed is supposed to be reviewed regularly. It is difficult for students to follow.

Lindsey: we have many transfer students and ISU not consistent with IAI requirements.

b. Council for Teacher Education – Hurd – committee has not met

c. Academic Affairs Committee – Howell - Howell – committee will meet this evening

6. STAFF REPORT:

Hurd: need feedback about the catalog revisions for committee meeting this evening. Is the new structure easier to review for UCC?

Nur-Awaleh –

Allen: as a student, uses checklist, easy, helpful;

Lindsey: used to have discrepancies between checklists used by advisers and catalog; these need to be in sync; “checklists” no longer exist; advisers had difficulties with previous catalog copy

Allen: advises some students as academic peer adviser In U College as student adviser, helps students, they sometimes do not understand how to look up their curriculum; some students are invested, some are not, in advising process;

Hurd: sometimes University College gives students fewer recommendations to avoid them being overwhelmed

Zeng: Faculty need to receive instruction about how to use the new catalog – having trouble finding course descriptions etc. Zeng finds it easy now that she is used to it.

Wolf: PDF of catalog has links to coursefinder

Howell: Uses catalog a lot because of French vs. teacher ed majors

Short discussion of student advisers peer advisers in U College

Lindsey: a lot of departments have student peer advisers

7. MISCELLANEOUS:

Possibly no meeting Nov 6

8. ADJOURNMENT

Motioned to adjourn: Wolf

Seconded: Carlson

Vote:

In favor 13

Against 0

Abstentions: 0