RECEIVED BY SENATE
11/15/2021

EP.22.042
November 15, 2021

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

EP.22.042 Report of Administrative Approvals through November 8, 2021

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 November 8, 2021. Additional information for each approval is attached.

A. Undergraduate Programs

1) **BA in Urban Studies & Planning** – in the list of Foundation Courses, update the rubric to reflect that which is currently used by the Department of Geography and Geographic Science, changing GEOG 101 to GGIS 101, Global Development & Environment (3 hours) and GEOG 104 to GGIS 104, Social and Cultural Geography (3 hours)**.** In the Urban Studies & Planning Core, add UP 211, Local Planning, Gov't and Law (3 hours) as a specifically required course. Add the total hours to the Urban Studies & Planning Core table and the Capstone table. There is no change to the total hours required for the degree.
2) **Sustainability Concentration in the BA in Urban Studies & Planning** – move UP 136, Urban Sustainability (3 hours) from the list of courses from which students are to select 6-8 hours to a concentration-required course. Move UP 205, Ecology & Environmental Sustainability (3 hours) from a concentration-required course to the list of courses from which students are to select 6-8 hours. There is no change to the total hours required for the concentration.

B. Graduate Programs

1) **Joint BS in Animal Sciences and MANSC in Animal Sciences** – in the list of required courses, add ANSC 499, Seminar (1-4 hours) as an "or" option from which students can choose from ANSC 440, Applied Statistical Methods I (4 hours); ANSC 445, Statistical Methods (4 hours); ANSC 448, Math Modeling in Life Sciences (3-4 hours); ANSC 449, Biological Modeling (3-4 hours). An added footnote on this requirement indicates students may select an equivalent course with departmental approval and that students enrolling in ANSC 499 must enroll in the "Intro to Data Analytics" section. Revise the hours of 400- or 500-level ANSC course electives from a range of 18-19 to 18-20. There is no change to the total hours required for the MANSC portion of the program or for the joint program as a whole.
2) **Concentration in Data Analytics in Finance** – 1) update the required course for the concentration from FIN 510, Big Data Analytics in Finance (4 hours), to reflect the renumber/retitle of that course, which is now FIN 550, Big Data Analytics in Finance for Predictive and Causal Analysis (4 hours); 2) in the list of courses from which students are to choose two, update FIN 537, Financial Risk Management (4 hours) to reflect the renumber of the course, which is now FIN 567, Financial Risk Management (4 hours); 3) add the MS in Business Analytics as a program to which this concentration may correspond. There is no change to the total hours required for the concentration.

10KR5504BA: URBAN STUDIES & PLANNING, BA

Completed Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu; mhazen@illinois.edu)

Approval Path

1. Mon, 04 Jan 2021 17:06:44 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review

History

1. Mar 28, 2019 by Deb Forgacs (dforgacs)
2. May 1, 2020 by Nicole Turner (nicturn)
3. Jan 4, 2021 by Nicole Turner (nicturn)

Date Submitted:Mon, 25 Oct 2021 18:14:05 GMT

Viewing:10KR5504BA : Urban Studies & Planning, BA

Changes proposed by: Nicole Turner

Proposal Type:

Major (ex. Special Education)

This proposal is for a:

Revision

Administration Details

Official Program Name

Urban Studies & Planning, BA

Sponsor College

Fine & Applied Arts

Sponsor Department

Urban & Regional Planning

Sponsor Name

Mary Edwards

Sponsor Email

mmedward@illinois.edu

College Contact

Nicole Turner

College Contact Email

nicturn@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term

Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval: Add additional required course (UP 211, 3 hours) to undergraduate major core; admin edits to clarify requirements and hours.

Program Justification

Why are these changes necessary?

The Planning Accreditation Board site visit team determined that Planning Law content is only touched on in a 100-level core course and in four other elective courses. The primary course with a thorough coverage of planning law, UP211, is only an elective. The Program Director estimates that only about 40% of the undergraduates take this course, which means that over half of the bachelor's students receive very minimal exposure to planning law. Therefore, the addition of UP 211 to the major core as a requirement for all BAUSP majors is proposed.

This adds another course to the BAUSP core, affecting the flexibility of the program for students. UP211 is also currently the gateway course for the policy and planning concentration. This was approved by DURP faculty. Current faculty resources can support this new addition to accommodate the additional 60% of students who will now enroll in this course. The course is currently taught once per year (spring term).

This change does not add to the total degree hours (120) as all major requirements still fit within the 120 hours (Foundation: 13-14; UP Core: 38; Capstone: 6; Concentration: 9-11; remaining Gen Eds: estimated 18-33 additional hours at most which equals 84-102). Therefore, the addition of one, 3-hour course will not impact student degree completion or go beyond the current 120 hours required for bachelor's degree.

Admin edits:
1. Under Foundation, under 3-4 hours selected from that section was not included in the total foundation hours summed and has now been added.
2. Corrected 'or' function for UP 203 or UP 204
3. Added total hours to UP core and Capstone tables
4. Reformatted capstone table
5. Fixed GEOG 101 course not found, now GGIS 101 due to new rubric
6. Fixed GEOG 104 course not found, now GGIS 104 due to new rubric

NOTE: When reviewing requirements below, students must also choose 1 of 4 BAUSP concentrations which have separate catalog pages (9-11 additional credit hours).

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

No

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).

In AY 2016-2017, the Department approved a new protocol for student learning outcomes assessment for all its degree programs (BAUSP, MUP, MSSUM, and Ph.D.). For the BAUSP and MUP programs, we initiated an annual cycle in which a two-person team of Department faculty evaluate the outcomes of one core course per year from each program. Faculty instructors for the courses under review provide access to course materials and completed student work from the semester in question. Other teams review capstone projects of the previous year's MUP students and one of the concentration-specific BAUSP student workshops. For both the course-based and the capstone-based reviews, the assessment teams selected five students at random and assessed their work, basing their assessments upon the degree to which students have met, partially met, or not met the criteria identified for that course on the Curriculum Map.

To be consistent with our accreditation requirements, we are using the Knowledge, Skills, and Values identified by the Planning Accreditation Board as desired outcomes for planning education:
1. General planning knowledge
a. Purpose and Meaning of Planning
b. Planning Theory
c. Planning Law
d. Human Settlements and History of Planning
e. The Future
f. Global Dimensions of Planning
2. Planning skills
a. Research Written, Oral and Graphic Communication
b. Quantitative and Qualitative Methods
c. Plan Creation and Implementation
d. Planning Process Methods
e. Leadership
3. Values and ethics
a. Professional Ethics and Responsibility
b. Governance and Participation
c. Sustainability and Environmental Quality
d. Growth and Development
e. Social Justice

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

10KR5504BA Urban Studies & Planning, BA.docx

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 - Overview Tab

Statement for Programs of Study Catalog

General education:Students must complete the Campus General Education (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/)**requirements including the campus general education language requirement.** [1]
Minimum hours required for graduation:120 hours.

Foundation Courses

Code	Title	Hours
RHET 105	Writing and Research (or equivalent)	4
3-4 hours selected from:		3-4
AAS 100	Intro Asian American Studies	
AFRO 100	Intro to African American St	
AIS 102	Contemp Issues in Ind Country	
GEOG 101	Course GEOG 101 Not Found	
GEOG 104	Course GEOG 104 Not Found	
GGIS 101	Global Development&Environment	
GGIS 104	Social and Cultural Geography	
LLS 100	Intro Latina/Latino Studies	
SOC 100	Introduction to Sociology	
ECON 102	Microeconomic Principles	3
or ACE 100	Introduction to Applied Microeconomics	
UP 116	Urban Informatics I (or equivalent)	3
or STAT 100	Statistics	
Total Hours		13-14

Urban Studies & Planning Core

Code	Title	Hours
UP 101	Introduction to City Planning	3
UP 201	Planning in Action	3
UP 203	Cities: Planning & Urban Life	3
or UP 204	Chicago: Planning & Urban Life	
UP 211	Local Planning, Gov't and Law	3
UP 312	Communication for Planners	4
UP 316	Urban Informatics II	3
Select one workshop from:		4
UP 447	Land Use Planning Workshop	
UP 455	Economic Development Workshop	
UP 456	Sustainable Planning Workshop	
UP 457	Small Town/Rural Planning Workshop	

UP 478	Community Development Workshop	
Plus 15 hours of UP electives, GE not met by UP foundation & core, and open electives		15
Total Hours		38

Capstone

Code	Title	Hours
Capstone Preparation: During the 3rd year, students enroll inUP 301, Capstone Preparation. Students meet individually with their capstone advisor to develop a plan to meet the capstone requirement. To pass this course students must turn in a proposal at the end of the semester.		1
Capstone Experience: Students engage in a semester or summer-long applied activity outside of the classroom. The Capstone Experience is intended to engage the students in the real world and prepare them for the job market. Students typically complete this requirement during their junior year, but have the option to complete it during the summer between their 3rd and 4th year. Examples include a paid or unpaid internship, volunteer work, consulting project with a client, summer research and more. Students enroll inUP 390, Planning Internship, and/orUP 397, Undergraduate Project, to receive credit.		3
Capstone Seminar: During the 4th year, students enroll inUP 401for 2 semesters. Students will participate in monthly activities to discuss and reflect on the Capstone Experience. In addition. students will present a poster summarizing their capstone experience in a public setting; for example at a public engagement conference, public meeting or community meeting, McNair Scholars conference, James Scholars event, Illinois American Planning Association meeting, undergraduate research symposium, or other venue. The seminar sessions also include career development such as resume writing, interviewing and networking with professionals through the Wetmore Lecture Series.		2
Total Hours		6

Corresponding Degree

BA Bachelor of Arts

Program Features

Academic Level

Undergraduate

Does this major have transcripted concentrations?

No

What is the typical time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

120

CIP Code

303301 - Sustainability Studies.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Fall 2020

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.

Electing one of the four concentrations is required for graduation.

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

Students are not admitted directly into a concentration to allow them time to decide which concentration is the best fit for them. Students will continue to receive advising by the undergraduate program director.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

No impact on enrollment or degrees awarded expected.

Estimated Annual Number of Degrees Awarded

What is the matriculation term for this program?

Fall

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

Financial Resources

How does the unit intend to financially support this proposal?

n/a

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

No

Are you seeking a change in the tuition rate or differential for this program?

No

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/ acknowledgement from faculty, students, and/or other impacted units as appropriate.

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.

No changes to faculty resources needed.

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.

Library resources are sufficient to support this program revision.

EP Documentation

EP Control Number

EP.22.042

This proposal requires HLC inquiry

No

DMI Documentation

Banner/Codebook Name

BA:Urban Stud & Planning -UIUC

Program Code:

10KR5504BA

Degree Code

BA

Major Code

5504

Program Reviewer Comments

Kathy Martensen (kmartens) (Tue, 02 Nov 2021 18:50:21 GMT): Administrative approval: No change to total hours required, does not impinge on range of options for students.

Key: 148

10KR5504BA: Urban Studies & Planning, BA

[current]

General education: Students must complete the Campus General Education requirements including the campus general education language requirement.

Minimum hours required for graduation: 120 hours.

Foundation Courses

RHET 105	Writing and Research (or equivalent)	4
3-4 hours selected from:		
AAS 100	Intro Asian American Studies	
AFRO 100	Intro to African American St	
AIS 102	Contemp Issues in Ind Country	
GEOG 101	Global Development&Environment	
GEOG 104	Social and Cultural Geography	
LLS 100	Intro Latina/Latino Studies	
SOC 100	Introduction to Sociology	
ECON 102 or ACE 100	Microeconomic Principles Introduction to Applied Microeconomics	3
UP 116 or STAT 100	Urban Informatics I (or equivalent) Statistics	3
Total Hours		**10**

10KR5504BA: Urban Studies & Planning, BA

[proposed]

General education: Students must complete the Campus General Education requirements including the campus general education language requirement.

Minimum hours required for graduation: 120 hours.

Foundation Courses

RHET 105	Writing and Research (or equivalent)	4
3-4 hours selected from:		3-4
AAS 100	Intro Asian American Studies	
AFRO 100	Intro to African American St	
AIS 102	Contemp Issues in Ind Country	
GEOG 101	Global Development&Environment	
GEOG 104	Social and Cultural Geography	
LLS 100	Intro Latina/Latino Studies	
SOC 100	Introduction to Sociology	
ECON 102 or ACE 100	Microeconomic Principles Introduction to Applied Microeconomics	3
UP 116 or STAT 100	Urban Informatics I (or equivalent) Statistics	3
Total Hours		**13-14**

Urban Studies & Planning Core

UP 101	Introduction to City Planning	3
UP 201	Planning in Action	3
UP 203	Cities: Planning & Urban Life (or UP 204 Chicago: Planning and Urban Life)	3
UP 312	Communication for Planners	4
UP 316	Urban Informatics II	3
Select one workshop from:		4
UP 447	Land Use Planning Workshop	
UP 455	Economic Development Workshop	
UP 456	Sustainable Planning Workshop	
UP 457	Small Town/Rural Planning Workshop	
UP 478	Community Development Workshop	
Plus 15 hours of UP electives, GE not met by UP foundation & core, and open electives		15

Urban Studies & Planning Core

UP 101	Introduction to City Planning	3
UP 201	Planning in Action	3
UP 203 or UP 204	Cities: Planning & Urban Life Chicago: Planning and Urban Life	3
UP 211	Local Planning, Government, and Law	3
UP 312	Communication for Planners	4
UP 316	Urban Informatics II	3
Select one workshop from:		4
UP 447	Land Use Planning Workshop	
UP 455	Economic Development Workshop	
UP 456	Sustainable Planning Workshop	
UP 457	Small Town/Rural Planning Workshop	
UP 478	Community Development Workshop	
Plus 15 hours of UP electives, GE not met by UP foundation & core, and open electives		15
Total Hours		**38**

Capstone

Required Courses:	Required Hours
Capstone Preparation: During the 3rd year, students enroll in UP 301, Capstone Preparation. Students meet individually with their capstone advisor to develop a plan to meet the capstone requirement. To pass this course students must turn in a proposal at the end of the semester.	1
Capstone Experience: Students engage in a semester or summer-long applied activity outside of the classroom. The Capstone Experience is intended to engage the students in the real world and prepare them for the job market. Students typically complete this requirement during their junior year, but have the option to complete it during the summer between their 3rd and 4th year. Examples include a paid or unpaid internship, volunteer work, consulting project with a client, summer research and more. Students enroll in UP 390, Planning Internship, and/or UP 397, Undergraduate Project, to receive credit.	3
Capstone Seminar: During the 4th year, students enroll in UP 401 for 2 semesters. Students will participate in monthly activities to discuss and reflect on the Capstone Experience. In addition. students will present a poster summarizing their capstone experience in a public setting; for example at a public engagement conference, public meeting or community meeting, McNair Scholars conference, James Scholars event, Illinois American Planning Association meeting, undergraduate research symposium, or other venue. The seminar sessions also include career development such as resume writing, interviewing and networking with professionals through the Wetmore Lecture Series.	2

Capstone

Required Courses:	Required Hours
Capstone Preparation: During the 3rd year, students enroll in UP 301, Capstone Preparation. Students meet individually with their capstone advisor to develop a plan to meet the capstone requirement. To pass this course students must turn in a proposal at the end of the semester.	1
Capstone Experience: Students engage in a semester or summer-long applied activity outside of the classroom. The Capstone Experience is intended to engage the students in the real world and prepare them for the job market. Students typically complete this requirement during their junior year, but have the option to complete it during the summer between their 3rd and 4th year. Examples include a paid or unpaid internship, volunteer work, consulting project with a client, summer research and more. Students enroll in UP 390, Planning Internship, and/or UP 397, Undergraduate Project, to receive credit.	3
Capstone Seminar: During the 4th year, students enroll in UP 401 for 2 semesters. Students will participate in monthly activities to discuss and reflect on the Capstone Experience. In addition. students will present a poster summarizing their capstone experience in a public setting; for example at a public engagement conference, public meeting or community meeting, McNair Scholars conference, James Scholars event, Illinois American Planning Association meeting, undergraduate research symposium, or other venue. The seminar sessions also include career development such as resume writing, interviewing and networking with professionals through the Wetmore Lecture Series.	2
Total Hours	**6**

APPROVED BY SENATE
05/04/2015

EP.15.77 Final

ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Proposal to the Senate Educational Policy Committee

PROPOSAL TITLE:

Proposal to Rename and Revise Existing Undergraduate Degree in B.A. in Urban Planning as B.A. in Urban Studies & Planning.

SPONSOR:

Stacy Harwood, Associate Professor
Department of Urban & Regional Planning
217-265-0874 | sharwood@illinois.edu

COLLEGE CONTACT:

Alan Mette, Interim Associate Dean for Undergraduate Academic Affairs
College of Fine and Applied Arts
217.244.7496 | amette@illinois.edu

BRIEF DESCRIPTION:

The Department of Urban & Regional Planning would like to rename the existing undergraduate degree in Urban Planning as Urban Studies and Planning. We also propose to change the curriculum to include new prerequisites, a smaller core, new concentration requirements and senior capstone. The four new concentration areas are Sustainability, Policy & Planning, Social Justice, and Global Cities. A separate proposal seeks to revise the requirements for the minor in Urban Planning.

See Appendix A for summary of changes.

JUSTIFICATION:

Many of our students are interested in exploring urban issues, but do not want to pursue traditional land use or public sector planning careers. Our redesigned undergraduate curriculum allows students to develop a solid foundation in the key theoretical and analytical tools of urban planning, while allowing them to pursue a concentration area that better matches their career goals. In addition, our proposed curriculum is more flexible, allowing students to easily pursue more than one concentration, as well as double-major or

pursue multiple minors. Finally, we are emphasizing more experiential and practice-based work (via the workshops and capstone) to prepare students for the workplace after they graduate.

BUDGETARY AND STAFF IMPLICATIONS:

1) Resources

This degree will continue to be administered by the Department of Urban & Regional Planning. The name change will likely attract more students into the degree program, but the increases can be handled with existing resources. The proposed curriculum changes will require zero increase in staff or faculty dollars. A majority of the changes involve rearranging and clustering existing elective courses into concentrations.

2) Resource Implications

We expect that the new title, revised curriculum and a more flexible minor will attract students from other majors. We are also creating more opportunities for urban planning undergraduate students to seek a dual degree or a minor with open elective options.

With all of these changes, we do not anticipate any major resource implications because our existing undergraduate program is not running at full capacity. However, we do expect some impacts. Specifically, we expect that the proposed changes will lead to a larger class size. The faculty have conditionally agreed to increase the minimum teaching load from three to four courses as the demand for elective offerings increases.

Computer use will increase. The department is already expanding its capacity by renting computer lab space in other buildings for classroom use. We are also modifying our computer lab by providing access to software and data via cloud computing. Cloud computing enables students to access computer lab resources with their own personal laptops from anywhere on campus.

We anticipate little impact on the library.

DESIRED EFFECTIVE DATE:

Fall 2015

STATEMENT FOR PROGRAMS OF STUDY CATALOG:

See Appendix B: Program of Study

CLEARANCES: *(Clearances should include signatures and dates of approval. These signatures must appear on a separate sheet. If multiple departments or colleges are sponsoring the proposal, please add the appropriate signature lines below.)*

Signatures:

Unit Representative: _____ Date: 4-7-15

College Representative: _____ Date: 04-07-15

Graduate College Representative: _____ Date: _____

Council on Teacher Education Representative: _____ Date: _____

Appendix A:
(Proposed Curriculum Revisions)

B.A Requirements	Urban Planning (Existing)	Hours	Urban Studies and Planning (Proposed)	Hours
Foundation	Rhet 105*	4	Rhet 105*	4
	Econ 102*	3	ECON 102* or ACE 100*	3-4
	PS 101*	3		
	Soc 100*	4	AAS 100,* AFRO 100,* AIS 101,* Geog 101,* Geog 104,* LLS 100,* or SOC 100*	3-4
	UP116* or Stat 100*	4	UP116* or Stat 100*	3
UP Core	UP101	3	UP101	3
			UP201 (new course)	3
	UP203 or UP204	3	UP203 or UP204	3
	UP205*	3		
	UP260*	3		
	UP311	4		
	UP312*	4	UP312* (new title)	4
	UP316*	3	UP316* (new title)	3
	UP347	6		
	Senior Workshop	4		
Concentration			Concentration Gateway Course UP205,* UP260,* UP211 (used to be UP311) or UP185*	3
			Concentration Electives (two courses)	6-8
			Concentration Workshop	4
Electives	UP Electives	12	UP Electives	15
	Approved Electives	15		
Capstone			UP301Capstone Preparation (new course)	1
			UP390 Planning Internship or UP397 Undergraduate Capstone (retitled, under review)	3
			UP401 Undergraduate Capstone Seminar (new course)	2
TOTALS		**78**		**63-67**

* = Gen Ed courses

Appendix B: Program of Study

Urban & Regional Planning

Department of Urban and Regional Planning

Head of Department: Rob Olshansky
BAUSP Director: Alice Novak, Assistant Head

Concentration Advisor:
Sustainability – Daniel Schneider
Policy & Planning - Arnab Chakraborty
Social Justice – Stacy Harwood
Global Cities – Faranak Miraftab

BAUSP Program Office: 111 Temple Hoyne Buell Hall, 611 East Lorado Taft Drive, MC-619, Champaign, IL 61820 (217) 333-3890, email: urbplan@illinois.edu

The Department of Urban and Regional Planning offers a Bachelor of Arts Degree in Urban Studies and Planning (BAUSP) as well as a minor in Urban Planning. Many of our students pursue dual degrees or have minors in other disciplines. The BAUSP degree is professionally accredited by the Planning Accreditation Board.

The BAUSP curriculum explores the changing character and critical problems facing our small towns, cities and metropolitan regions. The urban studies and planning degree emphasizes skills in analysis, problem solving, and communication within complex urban and social contexts. Through instruction, participation in research, and community interaction, students learn to work with a diverse range of stakeholders to develop and implement plans, policies, and programs to make communities better places to live. Concentrations include Sustainability, Policy & Planning, Social Justice and Global Cities. These areas reflect our faculty members, who are nationally and internationally respected in their fields.

Many of our BAUSP graduates find work in local and county government. Graduates also work with non-profit agencies, community-based organizations or in the private sector. Private sector jobs include positions in utility companies, law firms, real estate development firms, corporations, and planning consulting firms.

Curriculum in Urban Studies and Planning

For the Degree Bachelors of Arts in Urban Studies and Planning

General education: Students must complete the Campus General Education requirements. Some Urban Studies and Planning courses will also apply toward the University General Education requirements.

Students must complete the core requirements, one concentration, and the capstone. Students may complete more than one concentration, but courses cannot be double counted. Students must take an additional 15 hours of Urban Planning electives plus open electives as needed to reach a minimum of 120 hours for this degree. Continuation in the program requires the student to maintain at least a 2.00 grade point average.

We welcome transfer students into our program. A transfer student must have completed 30 or more semester hours of acceptable undergraduate college work (including, for example, introductory courses in microeconomics, statistics, sociology or cultural studies; additionally, a sequence in English composition is desirable) with an earned grade point average of at least 2.75 (A = 4.0). For more information about transferring to DURP, see "transferring to the BAUSP program."

Summary of Requirements

Year	
1st Year	UP101 & 4 Foundation Courses
2nd Year	UP201, UP203 or UP204, Concentration Gateway Course
3rd Year	UP312, UP316, Concentration Electives, UP301 Capstone Preparation
4th Year	Concentration Workshop (UP455, UP447, UP455, UP456, UP457 or UP478), Capstone Experience (UP390 or UP397) & UP401 Undergraduate Capstone Seminar
	Plus 15 hours of UP electives, GE not met by UP foundation & core, and open electives.

Foundation Courses

Hours	Requirements
3	Rhet 105 or equivalent (GE: Comp I)
3-4	AAS – 100 Intro to Asian American Studies (GE: CNW, SBS), AFRO 100 – Into to African American Studies (GE: CNW, SBS), AIS 101 – Intro to Amer Indian Studies (GE: CNW, HUM), Geog 101 – Global Development & Environment (GE CNW, SBS), Geog 104 - Social and Cultural Geography (GE: SBS), LLS 100 – Intro to Latino/Latina Studies (GE: CNW, SBS) or Soc 100 – Intro to Soc (GE: SBS)
3-4	Econ 102 – Microeconomic Principles (GE: SBS) or ACE 100 – Agricultural Consumer and Resource Economics (GE SBS)
3-4	UP 116 – Urban Informatics I (GE QR I), Stat 100 or equivalent (GE: QR I)

Urban Studies and Planning Core

Hours	Requirements
3	UP 101 – Introduction to City Planning
3	UP201 – Planning in Action
3	UP 203 – Cities: Planning & Urban Life or UP204 Chicago: Planning & Urban Life
4	UP 312 – Communication for Planners (GE: Advanced Comp)
3	UP 316 – Urban Informatics II (GE: QR II)

Sustainability Concentration

Hours	Requirements

3	Gateway: UP 205 – Ecology & Environmental Sustainability (GE: Natural Science & Technology)
6-8	Electives (2 required): UP136 - Urban Sustainability, UP 306 - Urban Ecology, UP 405 - Watershed Ecology, UP 420 - Planning for Historic Preservation, UP 446 - Sustainable Planning Seminar, UP 460 - Transportation & Land Use Policy, UP 466 - Energy Planning and Built Environment, UP 480 - Sustainable Design Principles
4	Workshop: UP 456 Sustainable Planning Workshop

Policy and Planning Concentration

Hours	Requirements
3	Gateway: UP 211 - Local Planning, Government & Law
6-8	Electives (2 required): UP330 - The Modern American City, UP 340 - Planning for Healthy Cities, UP 345 - Economic Development Planning, UP 407 - State and Local Public Finance, UP 420 - Planning for Historic Preservation, UP 430 - Urban Transportation Planning, UP 473 - Housing & Urban Policy, UP474 Neighborhood Revitalization, UP 460 – Transportation/Land Use Policy.
4	Workshop: UP 447 - Land Use Planning Workshop, UP 455 - Economic Development Workshop, UP 457 - Small Town/Rural Planning Workshop

Social Justice Concentration

Hours	Requirements
3	Gateway: UP 260 - Social Inequality and Planning (GE Social & Behavioral Science)
6-8	Electives (2 required): UP 335 - Cities & Immigrants, UP 340 - Planning for Healthy Cities, UP 423 – Community Development in the Global South, UP 473 - Housing & Urban Policy, UP 474 - Neighborhood Revitalization
4	Workshop: UP478 - Community Development Workshop

Global Cities Concentration

Hours	Requirements
3	Gateway: UP 185 Cities in a Global Perspective (GE Cultural Studies Non-Western/US Minority Culture)
6-8	Electives (2 required): UP 335 - Cities & Immigrants, UP 423 – Community Development in the Global South
4	Workshop: Study Abroad

Capstone

Hours	Requirements
1	Capstone Preparation: During the third year, students enroll in UP301 – Capstone Preparation. Students meet individually with their capstone advisor to develop a plan to meet the capstone requirement. To pass this course students must turn in a proposal at the end of the semester.

3	Capstone Experience: Students engage in a semester or summer long applied activity outside of the classroom. The Capstone Experience is intended to engage the students in the real world and prepare them for the job market. Students typically complete this requirement during their Junior year, but have the option to complete it during the summer between their third and fourth year. Examples include a paid or unpaid internship, volunteer work, consulting project with a client, summer research and more. Students enroll in UP 390 – Planning Internship and/or UP 397 – Undergraduate Capstone to receive credit.
2	Capstone Seminar: During the fourth year, students enroll in UP401 for two semesters. Students will participate in monthly activities to discuss and reflect on the Capstone Experience. In addition, students will present a poster summarizing their capstone experience in a public setting - for example at a public engagement conference, public meeting or community meeting, McNair Scholars conference, James Scholars event, Illinois American Planning Association meeting, undergraduate research symposium, other venue. The seminar sessions also include career development such as resume writing, interviewing and networking with professionals through the Wetmore Lecture Series.

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

EP.15.77

Office of the Provost and Vice Chancellor
for Academic Affairs

Swanlund Administration Building
601 East John Street
Champaign, IL 61820

April 8, 2015

Gay Miller, Chair
Senate Committee on Educational Policy
Office of the Senate
228 English Building, MC-461

Dear Professor Miller:

Enclosed is a copy of a proposal from the College of Fine and Applied Arts to rename and revise the B.A. in Urban Planning.

Sincerely,

Kathryn A. Martensen
Assistant Provost

Enclosures

c: A. Mette
M. Stone
S. Harwood

5564: URBAN STUDIES & PLANNING: SUSTAINABILITY, BA

Completed Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu; mhazen@illinois.edu)
2. 1733 Committee Chair (novak2@illinois.edu; bumsoo@illinois.edu; faranak@illinois.edu)
3. 1733 Head (rpendall@illinois.edu)
4. KR Dean (nicturn@illinois.edu; mmedward@illinois.edu)
5. University Librarian (jpwilkin@illinois.edu)
6. Provost (kmartens@illinois.edu; mhazen@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu; moorhouz@illinois.edu; kmartens@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. Board of Trustees (none)
11. Catalog Editor (dforgacs@illinois.edu)
12. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

Approval Path

1. Fri, 29 May 2020 14:54:35 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Fri, 29 May 2020 15:39:22 GMT
   Alice Novak (novak2): Approved for 1733 Committee Chair
3. Fri, 29 May 2020 15:59:26 GMT
   Rolf Pendall (rpendall): Approved for 1733 Head
4. Thu, 03 Sep 2020 17:54:32 GMT
   Nicole Turner (nicturn): Approved for KR Dean
5. Thu, 03 Sep 2020 23:22:16 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
6. Thu, 10 Sep 2020 13:16:20 GMT
   Kathy Martensen (kmartens): Approved for Provost
7. Tue, 15 Sep 2020 16:56:16 GMT
   Barbara Lehman (bjlehman): Approved for Senate EPC
8. Wed, 23 Sep 2020 21:58:52 GMT
   Jennifer Roether (jtempel): Approved for Senate
9. Fri, 02 Oct 2020 21:28:26 GMT
   Kathy Martensen (kmartens): Approved for U Senate Conf
10. Fri, 02 Oct 2020 21:29:50 GMT
    Kathy Martensen (kmartens): Approved for Board of Trustees
11. Wed, 04 Nov 2020 20:52:14 GMT
    Deb Forgacs (dforgacs): Approved for Catalog Editor
12. Mon, 07 Dec 2020 22:40:14 GMT
    Emily Stuby (eastuby): Approved for DMI

History

1. Mar 28, 2019 by Deb Forgacs (dforgacs)
2. Mar 28, 2019 by Deb Forgacs (dforgacs)
3. May 1, 2020 by Nicole Turner (nicturn)
4. Dec 7, 2020 by Nicole Turner (nicturn)

Date Submitted:Thu, 21 Oct 2021 15:29:41 GMT

Viewing:5564 : Urban Studies & Planning: Sustainability, BA

Changes proposed by: Nicole Turner

Proposal Type:

Concentration (ex. Dietetics)

This proposal is for a:

Revision

Administration Details

Official Program Name

Urban Studies & Planning: Sustainability, BA

Sponsor College

Fine & Applied Arts

Sponsor Department

Urban & Regional Planning

Sponsor Name

Mary Edwards

Sponsor Email

mmedward@illinois.edu

College Contact

Nicole Turner

College Contact Email

nicturn@illinois.edu

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders.*Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.*

KR Dean

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term

Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval: Substitute current required/gateway course to concentration

Program Justification

Why are these changes necessary?

UP 136 Urban Sustainability (3 hours) will replace UP 205 Ecology & Environmental Sustainability (3 hours) as gateway course to concentration. As such, UP 205 will move into the elective list and UP 136 will be removed from the elective list.

UP 136 is a 100-level course and is consistent with 100 courses acting as gateway courses in most other BAUSP concentrations (UP 160 and UP 185). UP 136 is also more broadly focused on all dimensions of sustainability. An online version already exists thus allowing more slots and flexibility for students and has also been offered once a semester term and in 6 previous summers, whereas UP 205 has only been offered once a year. Approved by DURP faculty.

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

No

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).

Our protocol for learning outcomes assessment for this BAUSP concentration relies on peer review of a sample of student coursework against course objectives. The process involves random selection of student work in critical core courses for review by two peer faculty not involved in teaching the course.
The process is intended to provide valuable insight for adjustments and course corrections.

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

5564 Urban Studies Planning Sustainability, BA.docx

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 - Overview Tab

Statement for Programs of Study Catalog

Code	Title	Hours
UP 136	Urban Sustainability (Gateway)	3
Select 2 courses from:		6-8
UP 205	Ecology & Environmental Sustainability	
UP 246	International Environmental Planning and Governance	
UP 405	Watershed Ecology and Planning	
UP 406	Urban Ecology	
UP 420	Plng for Historic Preservation	
UP 434	Pedestrian and Bicycle Planning	
UP 446	Sustainable Planning Seminar	
UP 460	Transportation/Land Use Policy	
UP 466	Energy & the Built Environment	
UP 480	Sustainable Design Principles	
UP 486	Planning with Climate Change	

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Urban Studies Planning, BA

Program Features

Academic Level

Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

No impact

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

Financial Resources

How does the unit intend to financially support this proposal?

n/a

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

No

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/ acknowledgement from faculty, students, and/or other impacted units as appropriate.

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.

Current faculty resources sufficient to support this program revision.

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.

Library resources sufficient to support this program revision.

EP Documentation

EP Control Number

EP.22.042

This proposal requires HLC inquiry

No

DMI Documentation

Banner/Codebook Name

Sustainability

Program Code:

5564

Conc Code

5564

Degree Code

BA

Major Code

5504

Program Reviewer Comments

Kathy Martensen (kmartens) (Tue, 02 Nov 2021 18:50:42 GMT): Administrative approval: No change to total hours required, does not impinge on range of options for students.

Key: 690

5564: Urban Studies & Planning: Sustainability, BA

[current]

UP 205	Ecology & Environmental Sustainability (Gateway)	3
Select 2 courses from:		6-8
UP 136	Urban Sustainability	
UP 246	International Environmental Planning and Governance	
UP 405	Watershed Ecology and Planning	
UP 406	Urban Ecology	
UP 420	Plng for Historic Preservation	
UP 434	Pedestrian and Bicycle Planning	
UP 446	Sustainable Planning Seminar	
UP 460	Transportation/Land Use Policy	
UP 466	Energy & the Built Environment	
UP 480	Sustainable Design Principles	
UP 486	Planning with Climate Change	

5564: Urban Studies & Planning: Sustainability, BA

[proposed]

UP 136	Urban Sustainability (Gateway)	3
Select 2 courses from:		6-8
UP 205	Ecology & Environmental Sustainability	
UP 246	International Environmental Planning and Governance	
UP 405	Watershed Ecology and Planning	
UP 406	Urban Ecology	
UP 420	Plng for Historic Preservation	
UP 434	Pedestrian and Bicycle Planning	
UP 446	Sustainable Planning Seminar	
UP 460	Transportation/Land Use Policy	
UP 466	Energy & the Built Environment	
UP 480	Sustainable Design Principles	
UP 486	Planning with Climate Change	

From: Turner, Nicole Marion Landwehr
To: Edwards, Mary M
Subject: RE: Concentration courses for approval
Date: Friday, May 29, 2020 9:15:56 AM
Attachments: image001.png

Mary,

The CIM program workflows have been initiated for the 4 UP concentrations below, with the removal of UP 474 in the Social Justice concentration as we discussed.

Best,

Nicole Turner, Ph.D.
Assistant Dean for Academic Programs and International Education

College of Fine + Applied Arts
University of Illinois at Urbana-Champaign
100E Architecture Bldg, M/C 622
608 E Lorado Taft Dr | Champaign, IL 61820
217.300.2602 | nicturn@illinois.edu | faa.illinois.edu

ILLINOIS

From: Edwards, Mary M <mmedward@illinois.edu>
Sent: Thursday, May 21, 2020 1:04 PM
To: Turner, Nicole Marion Landwehr <nicturn@illinois.edu>
Cc: Edwards, Mary M <mmedward@illinois.edu>
Subject: Concentration courses for approval

Hi Nicole-Here are the courses to add to specific BAUSP concentrations.
Thank you!
Mary.

New additions to BAUSP concentrations			
Sustainability	**Policy and Planning**	**Social Justice**	**Global Cities**
UP 406 Urban Ecology	UP431 Travel Behavior Analysis		UP246 International Environmental Planning and Governance
UP246 International Environmental Planning and Governance		~~UP474 Neighborhood Revitalization~~	UP486 Planning with Climate Change
UP434 Pedestrian and Bicycle Planning		UP479 Community Engagement in Planning	
UP486 Planning with Climate Change			

5564: Urban Studies & Planning: Sustainability, BA [current]

Code	Title	Hours
UP 205	Ecology & Environmental Sustainability (Gateway)	3
Select 2 courses from:		6-8
UP 136	Urban Sustainability	
UP 405	Watershed Ecology and Planning	
UP 420	Plng for Historic Preservation	
UP 446	Sustainable Planning Seminar	
UP 460	Transportation/Land Use Policy	
UP 466	Energy & the Built Environment	
UP 480	Sustainable Design Principles	

5564: Urban Studies & Planning: Sustainability, BA [proposed]

Code	Title	Hours
UP 205	Ecology & Environmental Sustainability (Gateway)	3
Select 2 courses from:		6-8
UP 136	Urban Sustainability	
UP 246	International Environmental Planning and Governance	
UP 405	Watershed Ecology and Planning	
UP 406	Urban Ecology	
UP 420	Plng for Historic Preservation	
UP 434	Pedestrian and Bicycle Planning	
UP 446	Sustainable Planning Seminar	
UP 460	Transportation/Land Use Policy	
UP 466	Energy & the Built Environment	
UP 480	Sustainable Design Principles	
UP 486	Planning with Climate Change	

JP: 10KL5889BS & 1PKS5889MANS(MANU): JP: ANIMAL SCIENCES BS & MANSC

Completed Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu; mhazen@illinois.edu)
2. 1538 Committee Chair (adilger2@illinois.edu)
3. 1538 Head (rwjohn@illinois.edu; jrevans@illinois.edu)
4. KL Committee Chair (bjgray2@illinois.edu; adilger2@illinois.edu)
5. KL Dean (aball@illinois.edu)
6. Provost (kmartens@illinois.edu; mhazen@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu; moorhouz@illinois.edu; kmartens@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

Approval Path

1. Wed, 18 Nov 2020 20:48:56 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Wed, 18 Nov 2020 21:17:03 GMT
   Anna Dilger (adilger2): Approved for 1538 Committee Chair
3. Wed, 18 Nov 2020 21:23:32 GMT
   Rodney W. Johnson (rwjohn): Approved for 1538 Head
4. Wed, 18 Nov 2020 22:09:58 GMT
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
5. Fri, 20 Nov 2020 16:39:10 GMT
   Anna Ball (aball): Rollback to 1538 Committee Chair for KL Dean
6. Fri, 20 Nov 2020 19:53:51 GMT
   Anna Dilger (adilger2): Approved for 1538 Committee Chair
7. Mon, 23 Nov 2020 15:24:09 GMT
   Rodney W. Johnson (rwjohn): Approved for 1538 Head
8. Mon, 23 Nov 2020 15:45:38 GMT
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
9. Wed, 02 Dec 2020 21:02:27 GMT
   Kathy Martensen (kmartens): Approved for KL Dean
10. Wed, 02 Dec 2020 22:34:17 GMT
    Kathy Martensen (kmartens): Approved for Provost
11. Wed, 02 Dec 2020 22:38:22 GMT
    Barbara Lehman (bjlehman): Approved for Senate EPC
12. Tue, 08 Dec 2020 15:58:45 GMT
    Jennifer Roether (jtempel): Approved for Senate
13. Fri, 29 Jan 2021 23:40:53 GMT
    Kathy Martensen (kmartens): Approved for U Senate Conf
14. Mon, 05 Apr 2021 16:43:54 GMT
    Emily Stuby (eastuby): Approved for DMI

History

1. May 28, 2020 by Sandra Rodriguez-Zas (rodrgzzs)
2. Apr 5, 2021 by Jamie Evans (jrevans)

Date Submitted:Mon, 13 Sep 2021 19:51:47 GMT

Viewing:JP: 10KL5889BS & 1PKS5889MANS(MANU) : JP: Animal Sciences BS & MANSC

Changes proposed by: Jamie Evans

Proposal Type:

Joint Program (ex. Master of Public Health & PhD. in Community Health)

This proposal is for a:

Revision

Administration Details

Official Program Name

JP. Animal Sciences BS & MANSC

Sponsor College

Agr, Consumer, & Env Sciences

Sponsor Department

Animal Sciences

Sponsor Name

Sandra Rodriguez Zas

Sponsor Email

rodrgzzs@illinois.edu

College Contact

Brianna Gregg

College Contact Email

bjgray2@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term

Fall 2021

Provide a brief, concise description (not justification) of your proposal.

Administrative approval: Update the number of hours for the Degree of Master of Science in Animal Sciences Major in Animal Sciences

Program Justification

Why are these changes necessary?

These changes are requested to align with the MANSC program revisions requested last year.

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

No

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).

The learning objectives and learning outcomes assessment remain unchanged. Briefly, the MANSC graduate is expected to demonstrate: 1. Graduate-level understanding of essential concepts and approaches in the area of animal science specialization. 2. Capacity to execute a supervised research project including: a) understanding of the scientific method, research objectives, materials and methods, basic data analysis, and appreciation of the findings; and b) leadership on the implementation of essential research activities. 3. Ability to effectively communicate essential disciplinary knowledge and research project findings in oral and written formats.4. Aptitude to advocate for interdisciplinary research and education efforts to improve food security, food safety, animal and human health and wellbeing or environmental stewardship. The required overall GPA >= 3 for graduation helps in the assessment of learning outcome #1. The discipline seminar aids in the assessment of learning outcomes #3. The graded research project report complement the assessment of learning outcomes #2 and #4. Program assessment information is summarized in a report and shared with the unit executive officer, faculty members at large and affiliated to the graduate program committee, and with members of the graduate student association. Outcomes from the annual study of enrollment, progression, and degree completion information will be discussed. Plans to address weaknesses will be developed in consultation with the previous stakeholders.

The program is not aligned with licensures or certifications.

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.

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 - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

The joint BS/MANSC program in Animal Sciences integrates a baccalaureate (BS) in Animal Sciences preparation with a non-thesis Master of Animal Sciences (MANSC) preparation. Students enrolled in the BS in Animal Sciences program that have completed a minimum of 60 credit hours of degree requirements and that have a minimum GPA of 3.0 are eligible to apply and be admitted to this program. Students that have a GPA above 2.75 may be admitted on probationary status. The Department of Animal Sciences will support the application to the MANSC program of the students in this joint program that have completed the required 126 credit hours towards a BS in Animal Sciences degree (including a minimum of 40 hours of 300- or 400-level courses) and that have a minimum GPA of 3.0. Up to 12 graduate-level (400- or 500-level) credit hours from the BS program will count towards the 32 credit-hour requirement of the MANSC program.

Statement for Programs of Study Catalog

For the Degree of Bachelor of Science Major in Animal Sciences

Code	Title	Hours
Composition I and Speech		
RHET 105	Writing and Research (or equivalent) (see college Composition I requirement)	4
CMN 101	Public Speaking	3
Advanced Composition		
Select from campus approved list.		3-4
Cultural Studies		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
Foreign Language		
Coursework at or above the third level is required for graduation.		
Quantitative Reasoning I		
Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
Quantitative Reasoning II		
Select one of the following:		3-4
ACE 261	Applied Statistical Methods	
CPSC 241	Intro to Applied Statistics	
ECON 202	Economic Statistics I	
PSYC 235	Intro to Statistics	
STAT 100	Statistics	
SOC 280	Intro to Social Statistics	
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4

MCB 100 & MCB 101	Introductory Microbiology and Intro Microbiology Laboratory	5
Humanities and the Arts		
Courses selected from campus approved list		6
Social Sciences		
ECON 102	Microeconomic Principles	3
or ACE 100	Introduction to Applied Microeconomics	
Additional social or behavioral science course; cannot be an economics course.		3-4
ACES Required		
ACES 101	Contemporary Issues in ACES	2
Animal Sciences Required		
ANSC 100	Intro to Animal Sciences	4
ANSC 101	Contemporary Animal Issues	3
ANSC 103	Working With Farm Animals	2
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 222	Anatomy and Physiology	3
ANSC 223	Animal Nutrition	3
ANSC 224	Animal Reproduction and Growth	4
ANSC 298	Undergraduate Seminar	1
ANSC 398	UG Experiential Learning[1]	1
ANSC 498	Integrating Animal Sciences	2

Other Requirements

Requirement	Description
Minimum 300- and 400- level courses included in the 126 hours for the B.S. degree	40
Minimum GPA:	3.0

[1] ANSC 398 only fulfills the degree requirement when taken for a standard letter grade.

For the Bachelor of Science students must choose one of the concentrations, Companion Animal & Equine Science, Food Animal Production & Management, or Science, Pre-Veterinary & Medical listed below:

Code	Title	Hours
Companion Animal and Equine Science Concentration Required		
Choose one group:[1]		6
ANSC 250 & ANSC 307	Companion Animals in Society and Companion Animal Management	
or		
ANSC 206 & ANSC 306	Horse Management and Equine Science	
Select two of the following Applied Sciences courses:[1]		6
ANSC 201	Principles of Dairy Production	
ANSC 204	Intro Dairy Cattle Evaluation	
ANSC 205	World Animal Resources	
ANSC 206	Horse Management[1]	
ANSC 211	Breeding Animal Evaluation	
ANSC 219	Meat Technology	
ANSC 250	Companion Animals in Society[1]	
ANSC 301	Food Animal Production, Management, and Evaluation	
ANSC 305	Human Animal Interactions	
ANSC 306	Equine Science	
ANSC 307	Companion Animal Management[1]	
ANSC 309	Meat Production and Marketing	
ANSC 310	Meat Selection and Grading	

ANSC 312	Advanced Livestock Evaluation	
ANSC 313	Horse Appraisal	
ANSC 314	Adv Dairy Cattle Evaluation	
ANSC 322	Livestock Feeds and Feeding	
ANSC 370	Companion Animal Policy	
ANSC 400	Dairy Herd Management	
ANSC 401	Beef Production	
ANSC 402	Sheep and Goat Production	
ANSC 403	Pork Production	
ANSC 404	Poultry Science	
ANSC 405	Advanced Dairy Management	
ANSC 407	Animal Shelter Management	
ANSC 424	Pet Food & Feed Manufacturing	
ANSC 435	Milk Quality and Udder Health	
ANSC 437	Adv Reproductive Management	
ANSC 471	ANSC Leaders & Entrepreneurs	
Select two of the following Basic Sciences courses:		6
ANSC 251	Epidemics and Infectious Diseases	
ANSC 331	Biology of Reproduction	
ANSC 350	Cellular Metabolism in Animals	
ANSC 363	Behavior of Domestic Animals	
ANSC 366	Animal Behavior	
ANSC 406	Zoo Animal Conservation Sci	
ANSC 409	Meat Science	
ANSC 420	Ruminant Nutrition	
ANSC 421	Minerals and Vitamins	
ANSC 422	Companion Animal Nutrition	
ANSC 431	Advanced Reproductive Biology	
ANSC 438	Lactation Biology	
ANSC 440	Applied Statistical Methods I	
ANSC 441	Human Genetics	
ANSC 444	Applied Animal Genetics	
ANSC 445	Statistical Methods	
ANSC 446	Population Genetics	
ANSC 447	Advanced Genetics and Genomics	
ANSC 448	Math Modeling in Life Sciences	
ANSC 449	Biological Modeling	
ANSC 450	Comparative Immunobiology	
ANSC 451	Microbes and the Anim Indust	
ANSC 452	Animal Growth and Development	
ANSC 453	Stem Cell Biology	
ANSC 467	Applied Animal Ecology	
ANSC 509	Muscle Biology	
ANSC 520	Protein and Energy Nutrition	
ANSC 521	Regulation of Metabolism	
ANSC 522	Advanced Ruminant Nutrition	
ANSC 523	Techniques in Animal Nutrition	
ANSC 524	Nonruminant Nutrition Concepts	
ANSC 525	Topics in Nutrition Research	
ANSC 526	Adv Companion Animal Nutrition	
ANSC 533	Repro Physiology Lab Methods	
ANSC 541	Regression Analysis	

ANSC 542	Applied Bioinformatics	
ANSC 543	Bioinformatics	
ANSC 545	Statistical Genomics	
ANSC 554	Immunobiological Methods	
ANSC 561	Animal Stress Physiology	
Additional elective courses must be completed to yield at least 126 total Hours for graduation.		25-29
Total Hours		**126**

[1] ANSC 206, 250, 306 and 307 may NOT be used to meet more than one requirement.

Code	Title	Hours
Food Animal Production and Management Concentration Required		
Select four of the following Applied Sciences courses:		12
ANSC 201	Principles of Dairy Production	
ANSC 204	Intro Dairy Cattle Evaluation	
ANSC 205	World Animal Resources	
ANSC 206	Horse Management	
ANSC 211	Breeding Animal Evaluation	
ANSC 219	Meat Technology	
ANSC 250	Companion Animals in Society	
ANSC 301	Food Animal Production, Management, and Evaluation	
ANSC 305	Human Animal Interactions	
ANSC 306	Equine Science	
ANSC 307	Companion Animal Management	
ANSC 309	Meat Production and Marketing	
ANSC 310	Meat Selection and Grading	
ANSC 312	Advanced Livestock Evaluation	
ANSC 313	Horse Appraisal	
ANSC 314	Adv Dairy Cattle Evaluation	
ANSC 322	Livestock Feeds and Feeding	
ANSC 370	Companion Animal Policy	
ANSC 400	Dairy Herd Management	
ANSC 401	Beef Production	
ANSC 402	Sheep and Goat Production	
ANSC 403	Pork Production	
ANSC 404	Poultry Science	
ANSC 405	Advanced Dairy Management	
ANSC 407	Animal Shelter Management	
ANSC 424	Pet Food & Feed Manufacturing	
ANSC 435	Milk Quality and Udder Health	
ANSC 437	Adv Reproductive Management	
ANSC 471	ANSC Leaders & Entrepreneurs	
Select two of the following Basic Sciences courses:		6
ANSC 251	Epidemics and Infectious Diseases	
ANSC 331	Biology of Reproduction	
ANSC 350	Cellular Metabolism in Animals	
ANSC 363	Behavior of Domestic Animals	
ANSC 366	Animal Behavior	
ANSC 406	Zoo Animal Conservation Sci	
ANSC 409	Meat Science	
ANSC 420	Ruminant Nutrition	
ANSC 421	Minerals and Vitamins	
ANSC 422	Companion Animal Nutrition	

ANSC 431	Advanced Reproductive Biology	
ANSC 438	Lactation Biology	
ANSC 440	Applied Statistical Methods I	
ANSC 441	Human Genetics	
ANSC 444	Applied Animal Genetics	
ANSC 445	Statistical Methods	
ANSC 446	Population Genetics	
ANSC 447	Advanced Genetics and Genomics	
ANSC 448	Math Modeling in Life Sciences	
ANSC 449	Biological Modeling	
ANSC 450	Comparative Immunobiology	
ANSC 451	Microbes and the Anim Indust	
ANSC 452	Animal Growth and Development	
ANSC 453	Stem Cell Biology	
ANSC 467	Applied Animal Ecology	
ANSC 509	Muscle Biology	
ANSC 520	Protein and Energy Nutrition	
ANSC 521	Regulation of Metabolism	
ANSC 522	Advanced Ruminant Nutrition	
ANSC 523	Techniques in Animal Nutrition	
ANSC 524	Nonruminant Nutrition Concepts	
ANSC 525	Topics in Nutrition Research	
ANSC 526	Adv Companion Animal Nutrition	
ANSC 533	Repro Physiology Lab Methods	
ANSC 541	Regression Analysis	
ANSC 542	Applied Bioinformatics	
ANSC 543	Bioinformatics	
ANSC 545	Statistical Genomics	
ANSC 554	Immunobiological Methods	
ANSC 561	Animal Stress Physiology	
Additional elective courses must be completed to yield at least 126 total Hours for graduation.		20-29
Total Hours		**126**

Code	**Title**	**Hours**
Science, Pre-Veterinary and Medical Concentration Required		
Select two of the following Applied Sciences courses:		6
ANSC 201	Principles of Dairy Production	
ANSC 204	Intro Dairy Cattle Evaluation	
ANSC 205	World Animal Resources	
ANSC 206	Horse Management	
ANSC 211	Breeding Animal Evaluation	
ANSC 219	Meat Technology	
ANSC 250	Companion Animals in Society	
ANSC 301	Food Animal Production, Management, and Evaluation	
ANSC 305	Human Animal Interactions	
ANSC 306	Equine Science	
ANSC 307	Companion Animal Management	
ANSC 309	Meat Production and Marketing	
ANSC 310	Meat Selection and Grading	
ANSC 312	Advanced Livestock Evaluation	
ANSC 313	Horse Appraisal	
ANSC 314	Adv Dairy Cattle Evaluation	
ANSC 322	Livestock Feeds and Feeding	

ANSC 370	Companion Animal Policy	
ANSC 400	Dairy Herd Management	
ANSC 401	Beef Production	
ANSC 402	Sheep and Goat Production	
ANSC 403	Pork Production	
ANSC 404	Poultry Science	
ANSC 405	Advanced Dairy Management	
ANSC 407	Animal Shelter Management	
ANSC 424	Pet Food & Feed Manufacturing	
ANSC 435	Milk Quality and Udder Health	
ANSC 437	Adv Reproductive Management	
ANSC 471	ANSC Leaders & Entrepreneurs	
Select four of the following Basic Sciences courses:		12
ANSC 251	Epidemics and Infectious Diseases	
ANSC 331	Biology of Reproduction	
ANSC 350	Cellular Metabolism in Animals	
ANSC 363	Behavior of Domestic Animals	
ANSC 366	Animal Behavior	
ANSC 406	Zoo Animal Conservation Sci	
ANSC 409	Meat Science	
ANSC 420	Ruminant Nutrition	
ANSC 421	Minerals and Vitamins	
ANSC 422	Companion Animal Nutrition	
ANSC 431	Advanced Reproductive Biology	
ANSC 438	Lactation Biology	
ANSC 440	Applied Statistical Methods I	
ANSC 441	Human Genetics	
ANSC 444	Applied Animal Genetics	
ANSC 445	Statistical Methods	
ANSC 446	Population Genetics	
ANSC 447	Advanced Genetics and Genomics	
ANSC 448	Math Modeling in Life Sciences	
ANSC 449	Biological Modeling	
ANSC 450	Comparative Immunobiology	
ANSC 451	Microbes and the Anim Indust	
ANSC 452	Animal Growth and Development	
ANSC 453	Stem Cell Biology	
ANSC 467	Applied Animal Ecology	
ANSC 509	Muscle Biology	
ANSC 520	Protein and Energy Nutrition	
ANSC 521	Regulation of Metabolism	
ANSC 522	Advanced Ruminant Nutrition	
ANSC 523	Techniques in Animal Nutrition	
ANSC 524	Nonruminant Nutrition Concepts	
ANSC 525	Topics in Nutrition Research	
ANSC 526	Adv Companion Animal Nutrition	
ANSC 533	Repro Physiology Lab Methods	
ANSC 541	Regression Analysis	
ANSC 542	Applied Bioinformatics	
ANSC 543	Bioinformatics	
ANSC 545	Statistical Genomics	
ANSC 554	Immunobiological Methods	

ANSC 561	Animal Stress Physiology	
Additional elective courses must be completed to yield at least 126 total Hours for graduation.		20-29
Total Hours		**126**

[1] ANSC 398 only fulfills the degree requirement when taken for a standard letter grade.

For the Degree of Master of Science in Animal Sciences Major in Animal Sciences

Code	Title	Hours
ANSC 590	Animal Sciences Seminar[1]	2
or ANSC 591	Grad Bioinformatics Seminar	
ANSC 440	Applied Statistical Methods I[1]	2-4
or ANSC 445	Statistical Methods	
or ANSC 448	Math Modeling in Life Sciences	
or ANSC 449	Biological Modeling	
or ANSC 499	Seminar	
Elective 400- or 500-level ANSC courses	(excludesANSC 590,ANSC 591,ANSC 593)[2]	18 to 20
ANSC 593	Res Studies in Animal Sciences[3]	8
Total Hours		**32**

Other MANSC Requirements

Requirement	Description
Other Requirements and conditions may overlap	
Maximum Hours Overall Required Within the Unit	12
Maximum graduate-level credit hours from the B.S. degree that will count towards the MANSC degree	12
Minimum 500-level Hours Required Overall	12
Minimum GPA:	3.0

[1] Equivalent course requires departmental approval. ANSC 499 must be the 'Intro to Data Analytics' section

[2] In consultation with their Animal Sciences faculty advisor, students will select courses that support the individual research studies project and strengthen career opportunities.

[3] The individual research studies project or internship experience and a written report will fulfill the ANSC 593 (Research Studies in Animal Sciences) capstone project requirement. The project or internship and the written product will be supervised by the Animal Sciences faculty mentor and provide evidence that the student can understand and apply the scientific method, interpret scientific information; and effectively communicate scientific information in a field of animal sciences.

Program Relationships

Identify the existing programs to be joined:

Corresponding Program(s)
Animal Sciences, BS
Animal Sciences, MANSC (on campus online)

Program Features

Academic Level

Graduate
Undergraduate

What is the typical time to completion of this program?

5 yrs

What are the minimum Total Credit Hours required for this program?

158

What is the required GPA?

3.0

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

On Campus and Online - 2 program types. Students can receive the entire program either on campus or online. Students can choose to take courses in either modality.

Describe the use of this delivery method:

Addition of online delivery to the Animal Sciences, MANSC. This revision does not impact the BS component of this joint program.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

na

Estimated Annual Number of Degrees Awarded

Year One Estimate

5 (3 years after admission)

5th Year Estimate (or when fully implemented)

15

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

The proposed revision is not expected to have an impact on the budget.

The proposed program builds on existing undergraduate and graduate programs. No additional costs are anticipated because the existing programs and most of the animal sciences courses are at under-capacity. Students will be assessed tuition charges corresponding to the BS first, and once admitted by the Graduate College, tuition charges will correspond to those of the MANSC program. No campus or external resources will be requested. Students in the proposed program will be enrolled in the existing BS and MANSC programs and will take existing animal sciences courses (please refer to Appendix). The existing programs and most of the animal sciences courses are at under-capacity. The proposed joint program and the expected enrollment will make effective use of the resources in place. Students pursuing independent projects will benefit from ongoing researcher projects directed by animal sciences faculty. No new courses are proposed.

Financial Resources

How does the unit intend to financially support this proposal?

The proposed revision is not expected to change the present financial support offered by the unit.

The proposal integrates programs that already in place within the Department of Animal Sciences. The instructional resources are not at capacity and the education and mentoring of students in the proposed self-supported program will not result in additional fixed costs. Once the program is established, a potential minor increase in variable costs associated with additional teaching assistant support can be defrayed with income from the self-supported MANSC degree.

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

No

Are you seeking a change in the tuition rate or differential for this program?

No

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/ acknowledgement from faculty, students, and/or other impacted units as appropriate.

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.

na

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.

na

EP Documentation

EP Control Number

EP.22.42

This proposal requires HLC inquiry

No

DMI Documentation

Banner/Codebook Name

BS: BS/MANSC Animal Sci - UIUC & MANSC:BS/MANCS Animal Sci-UIUC

Program Code:

JP. 10KL5889BS & 1PKS5889MANS(MANU)

Conc Code

5889

Major Code

0002

Program Reviewer Comments

Deb Forgacs (dforgacs) (Mon, 13 Sep 2021 19:45:14 GMT): Rollback: requested.
Deb Forgacs (dforgacs) (Mon, 27 Sep 2021 16:31:32 GMT): Re-entered the proposal type due to system bug 09/27/2021
Kathy Martensen (kmartens) (Thu, 14 Oct 2021 13:59:36 GMT): Administrative approval: No change to total hours required; doesn't restrict student options.
Kathy Martensen (kmartens) (Tue, 19 Oct 2021 22:30:42 GMT): Rollback: See email exchange of 10/14 and 10/19 RE: stats hours.
Kathy Martensen (kmartens) (Wed, 03 Nov 2021 18:29:59 GMT): Administrative approval: Does not change total hours required; doesn't restrict students' options.

Key: 881

Academic Catalog program of study entries (BS, and MANSC)

Animal Sciences: Companion & Equine Science, BS

Degree Requirements for the degree of Bachelor of Science Major in Animal Sciences, Companion & Equine Science Concentration

---

Prescribed Courses including Campus General Education

Code	Title	Hours
Composition I and Speech		
RHET 105	Writing and Research (or equivalent) (see college Composition I requirement)	4
CMN 101	Public Speaking	3
Advanced Composition		
Select from campus approved list.		3-4
Cultural Studies		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
Foreign Language		
Coursework at or above the third level is required for graduation.		
Quantitative Reasoning I		
Select one of the following:		4-5
MATH 220	Calculus	4
MATH 221	Calculus I	5
MATH 234	Calculus for Business I	4
Quantitative Reasoning II		
Select one of the following:		3-4
ACE 261	Applied Statistical Methods	4
CPSC 241	Intro to Applied Statistics	3

Code	Title	Hours
ECON 202	Economic Statistics I	3
PSYC 235	Intro to Statistics	3
STAT 100	Statistics	3
SOC 280	Intro to Social Statistics	4
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
MCB 100 & MCB 101	Introductory Microbiology and Intro Microbiology Laboratory	5
Humanities and the Arts		
Courses selected from campus approved list		6
Social Sciences		
ECON 102 or ACE 100	Microeconomic Principles Agr Cons and Resource Econ	3
Additional social or behavioral science course; cannot be an economics course.		3-4
ACES Required		
ACES 101	Contemporary Issues in ACES	2
Animal Sciences Required		
ANSC 100	Intro to Animal Sciences	4
ANSC 101	Contemporary Animal Issues	3
ANSC 103	Working With Farm Animals	2
ANSC 221	Cells, Metabolism and Genetics	3

Code	Title	Hours
ANSC 222	Anatomy and Physiology	3
ANSC 223	Animal Nutrition	3
ANSC 224	Animal Reproduction and Growth	4
ANSC 298	Undergraduate Seminar	1
ANSC 398	UG Experiential Learning [1]	1
ANSC 498	Integrating Animal Sciences	2
Companion Animal and Equine Science Concentration Required		
Choose one group: [1]		6
ANSC 250 & ANSC 307	Companion Animals in Society and Companion Animal Management	3&3
or		
ANSC 206 & ANSC 306	Horse Management and Equine Science	3&3
Select two of the following Applied Sciences courses: [1]		6
ANSC 201	Principles of Dairy Production	3
ANSC 204	Intro Dairy Cattle Evaluation	2
ANSC 205	World Animal Resources	3
ANSC 206	Horse Management [1]	3
ANSC 211	Breeding Animal Evaluation	3
ANSC 219	Meat Technology	3
ANSC 250	Companion Animals in Society [1]	3
ANSC 301	Food Animal Production, Management, and Evaluation	3
ANSC 305	Human Animal Interactions	3
ANSC 306	Equine Science	3

Code	Title	Hours
ANSC 307	Companion Animal Management [1]	3
ANSC 309	Meat Production and Marketing	2
ANSC 310	Meat Selection and Grading	3
ANSC 312	Advanced Livestock Evaluation	3
ANSC 313	Horse Appraisal	2
ANSC 314	Adv Dairy Cattle Evaluation	2
ANSC 322	Livestock Feeds and Feeding	3
ANSC 370	Companion Animal Policy	3
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 405	Advanced Dairy Management	2
ANSC 407	Animal Shelter Management	3
ANSC 424	Pet Food & Feed Manufacturing	3
ANSC 435	Milk Quality and Udder Health	2
ANSC 437	Adv Reproductive Management	2
ANSC 471	ANSC Leaders & Entrepreneurs	3
Select two of the following Basic Sciences courses:		6
ANSC 251	Epidemics and Infectious Diseases	3
ANSC 331	Biology of Reproduction	2-4
ANSC 350	Cellular Metabolism in Animals	3

Code	Title	Hours
ANSC 363	Behavior of Domestic Animals	3
ANSC 366	Animal Behavior	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 409	Meat Science	3
ANSC 420	Ruminant Nutrition	3
ANSC 421	Minerals and Vitamins	3
ANSC 422	Companion Animal Nutrition	3
ANSC 431	Advanced Reproductive Biology	3
ANSC 438	Lactation Biology	4
ANSC 440	Applied Statistical Methods I	4
ANSC 441	Human Genetics	3-4
ANSC 444	Applied Animal Genetics	3
ANSC 445	Statistical Methods	4
ANSC 446	Population Genetics	3-4
ANSC 447	Advanced Genetics and Genomics	4
ANSC 448	Math Modeling in Life Sciences	3-4
ANSC 449	Biological Modeling	3-4
ANSC 450	Comparative Immunobiology	4
ANSC 451	Microbes and the Anim Indust	3
ANSC 452	Animal Growth and Development	3-4
ANSC 453	Stem Cell Biology	3-4
ANSC 467	Applied Animal Ecology	3
ANSC 509	Muscle Biology	2

Code	Title	Hours
ANSC 510	Science of Animal Well-Being	
ANSC 520	Protein and Energy Nutrition	3
ANSC 521	Regulation of Metabolism	3
ANSC 522	Advanced Ruminant Nutrition	3
ANSC 523	Techniques in Animal Nutrition	3
ANSC 524	Nonruminant Nutrition Concepts	2
ANSC 525	Topics in Nutrition Research	1
ANSC 526	Adv Companion Animal Nutrition	3
ANSC 533	Repro Physiology Lab Methods	1-3
ANSC 541	Regression Analysis	5
ANSC 542	Applied Bioinformatics	4
ANSC 543	Bioinformatics	4
ANSC 545	Statistical Genomics	3-4
ANSC 554	Immunobiological Methods	3
ANSC 561	Animal Stress Physiology	2
Additional elective courses must be completed to yield at least 126 total Hours for graduation.		25-29
Total Hours		**126**

The required 126 hours must include a minimum of 40 hours of 300- and 400-level courses

or

Animal Sciences: Food Animal Production & Management, BS

Degree Requirements for the degree of Bachelor of Science Major in Animal Sciences, Food Animal Production & Management concentration

Code	Title	Hours
Composition I and Speech		

Code	Title	Hours
RHET 105	Writing and Research (or equivalent) (see college Composition I requirement)	4
CMN 101	Public Speaking	3
Advanced Composition		
Select from campus approved list.		3-4
Cultural Studies		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
Foreign Language		
Coursework at or above the third level is required for graduation.		
Quantitative Reasoning I		
Select one of the following:		4-5
MATH 220	Calculus	4
MATH 221	Calculus I	5
MATH 234	Calculus for Business I	4
Quantitative Reasoning II		
Select one of the following:		3-4
ACE 261	Applied Statistical Methods	4
CPSC 241	Intro to Applied Statistics	3
ECON 202	Economic Statistics I	3
PSYC 235	Intro to Statistics	3
STAT 100	Statistics	3
SOC 280	Intro to Social Statistics	4
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
MCB 100 & MCB 101	Introductory Microbiology and Intro Microbiology Laboratory	5
Humanities and the Arts		
Courses selected from campus approved list		6
Social Sciences		
ECON 102 or ACE 100	Microeconomic Principles Agr Cons and Resource Econ	3
Additional social or behavioral science course; cannot be an economics course.		3-4
ACES Required		

Code	Title	Hours
ACES 101	Contemporary Issues in ACES	2
Animal Sciences Required		
ANSC 100	Intro to Animal Sciences	4
ANSC 101	Contemporary Animal Issues	3
ANSC 103	Working With Farm Animals	2
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 222	Anatomy and Physiology	3
ANSC 223	Animal Nutrition	3
ANSC 224	Animal Reproduction and Growth	4
ANSC 298	Undergraduate Seminar	1
ANSC 398	UG Experiential Learning [1]	1
ANSC 498	Integrating Animal Sciences	2
Food Animal Production and Management Concentration Required		
Select four of the following Applied Sciences courses:		12
ANSC 201	Principles of Dairy Production	3
ANSC 204	Intro Dairy Cattle Evaluation	2
ANSC 205	World Animal Resources	3
ANSC 206	Horse Management	3
ANSC 211	Breeding Animal Evaluation	3
ANSC 219	Meat Technology	3
ANSC 250	Companion Animals in Society	3
ANSC 301	Food Animal Production, Management, and Evaluation	3
ANSC 305	Human Animal Interactions	3
ANSC 306	Equine Science	3
ANSC 307	Companion Animal Management	3
ANSC 309	Meat Production and Marketing	2
ANSC 310	Meat Selection and Grading	3
ANSC 312	Advanced Livestock Evaluation	3
ANSC 313	Horse Appraisal	2
ANSC 314	Adv Dairy Cattle Evaluation	2
ANSC 322	Livestock Feeds and Feeding	3
ANSC 370	Companion Animal Policy	3
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep Production	3

Code	Title	Hours
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 405	Advanced Dairy Management	2
ANSC 407	Animal Shelter Management	3
ANSC 424	Pet Food & Feed Manufacturing	3
ANSC 435	Milk Quality and Udder Health	2
ANSC 437	Adv Reproductive Management	2
ANSC 471	ANSC Leaders & Entrepreneurs	3
Select two of the following Basic Sciences courses:		6
ANSC 251	Epidemics and Infectious Diseases	3
ANSC 331	Biology of Reproduction	2-4
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	3
ANSC 366	Animal Behavior	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 409	Meat Science	3
ANSC 420	Ruminant Nutrition	3
ANSC 421	Minerals and Vitamins	3
ANSC 422	Companion Animal Nutrition	3
ANSC 431	Advanced Reproductive Biology	3
ANSC 438	Lactation Biology	4
ANSC 440	Applied Statistical Methods I	4
ANSC 441	Human Genetics	3-4
ANSC 444	Applied Animal Genetics	3
ANSC 445	Statistical Methods	4
ANSC 446	Population Genetics	3-4
ANSC 447	Advanced Genetics and Genomics	4
ANSC 448	Math Modeling in Life Sciences	3-4
ANSC 449	Biological Modeling	3-4
ANSC 450	Comparative Immunobiology	4
ANSC 451	Microbes and the Anim Indust	3
ANSC 452	Animal Growth and Development	3-4
ANSC 453	Stem Cell Biology	3-4
ANSC 467	Applied Animal Ecology	3
ANSC 509	Muscle Biology	2

Code	Title	Hours
ANSC 510	Science of Animal Well-Being	
ANSC 520	Protein and Energy Nutrition	3
ANSC 521	Regulation of Metabolism	3
ANSC 522	Advanced Ruminant Nutrition	3
ANSC 523	Techniques in Animal Nutrition	3
ANSC 524	Nonruminant Nutrition Concepts	2
ANSC 525	Topics in Nutrition Research	1
ANSC 526	Adv Companion Animal Nutrition	3
ANSC 533	Repro Physiology Lab Methods	1-3
ANSC 541	Regression Analysis	5
ANSC 542	Applied Bioinformatics	4
ANSC 543	Bioinformatics	4
ANSC 545	Statistical Genomics	3-4
ANSC 554	Immunobiological Methods	3
ANSC 561	Animal Stress Physiology	2
Additional elective courses must be completed to yield at least 126 total Hours for graduation.		20-29
Total Hours		**126**

The required 126 hours must include a minimum of 40 hours of 300- and 400-level courses

or

Animal Sciences: Science, Pre-Veterinary & Medical, BS

Degree Requirements for the degree of Bachelor of Science Major in Animal Sciences, Science, Pre-Veterinary & Medical concentration

---

Prescribed Courses including Campus General Education

Code	Title	Hours
Composition I and Speech		
RHET 105	Writing and Research (or equivalent) (see college Composition I requirement)	4
CMN 101	Public Speaking	3
Advanced Composition		
Select from campus approved list.		3-4
Cultural Studies		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
Foreign Language		
Coursework at or above the third level is required for graduation.		

Code	Title	Hours
Quantitative Reasoning I		
Select one of the following:		4-5
MATH 220	Calculus	4
MATH 221	Calculus I	5
MATH 234	Calculus for Business I	4
Quantitative Reasoning II		
Select one of the following:		3-4
ACE 261	Applied Statistical Methods	4
CPSC 241	Intro to Applied Statistics	3
ECON 202	Economic Statistics I	3
PSYC 235	Intro to Statistics	3
STAT 100	Statistics	3
SOC 280	Intro to Social Statistics	4
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
MCB 100 & MCB 101	Introductory Microbiology and Intro Microbiology Laboratory	5
Humanities and the Arts		
Courses selected from campus approved list		6
Social Sciences		
ECON 102 or ACE 100	Microeconomic Principles Agr Cons and Resource Econ	3
Additional social or behavioral science course; cannot be an economics course.		3-4
ACES Required		
ACES 101	Contemporary Issues in ACES	2
Animal Sciences Required		
ANSC 100	Intro to Animal Sciences	4
ANSC 101	Contemporary Animal Issues	3
ANSC 103	Working With Farm Animals	2
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 222	Anatomy and Physiology	3
ANSC 223	Animal Nutrition	3
ANSC 224	Animal Reproduction and Growth	4

Code	Title	Hours
ANSC 298	Undergraduate Seminar	1
ANSC 398	UG Experiential Learning [1]	1
ANSC 498	Integrating Animal Sciences	2

Course List

[1] ANSC 398 only fulfills the degree requirement when taken for a standard letter grade.

Code	Title	Hours
Science, Pre-Veterinary and Medical Concentration Required		
Select two of the following Applied Sciences courses:		6
ANSC 201	Principles of Dairy Production	3
ANSC 204	Intro Dairy Cattle Evaluation	2
ANSC 205	World Animal Resources	3
ANSC 206	Horse Management	3
ANSC 211	Breeding Animal Evaluation	3
ANSC 219	Meat Technology	3
ANSC 250	Companion Animals in Society	3
ANSC 301	Food Animal Production, Management, and Evaluation	3
ANSC 305	Human Animal Interactions	3
ANSC 307	Companion Animal Management	3
ANSC 309	Meat Production and Marketing	3
ANSC 310	Meat Selection and Grading	2
ANSC 312	Advanced Livestock Evaluation	3
ANSC 313	Horse Appraisal	3
ANSC 314	Adv Dairy Cattle Evaluation	2
ANSC 322	Livestock Feeds and Feeding	2
ANSC 370	Companion Animal Policy	3
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 405	Advanced Dairy Management	3
ANSC 407	Animal Shelter Management	2
ANSC 424	Pet Food & Feed Manufacturing	3
ANSC 435	Milk Quality and Udder Health	3
ANSC 437	Adv Reproductive Management	2

Code	Title	Hours
ANSC 471	ANSC Leaders & Entrepreneurs	2
Select four of the following Basic Sciences courses:		12
ANSC 251	Epidemics and Infectious Diseases	3
ANSC 306	Equine Science	2-4
ANSC 331	Biology of Reproduction	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	3
ANSC 366	Animal Behavior	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 409	Meat Science	3
ANSC 420	Ruminant Nutrition	3
ANSC 421	Minerals and Vitamins	3
ANSC 422	Companion Animal Nutrition	3
ANSC 431	Advanced Reproductive Biology	4
ANSC 438	Lactation Biology	4
ANSC 440	Applied Statistical Methods I	3-4
ANSC 441	Human Genetics	3
ANSC 444	Applied Animal Genetics	4
ANSC 445	Statistical Methods	3-4
ANSC 446	Population Genetics	4
ANSC 447	Advanced Genetics and Genomics	3-4
ANSC 448	Math Modeling in Life Sciences	3-4
ANSC 449	Biological Modeling	4
ANSC 450	Comparative Immunobiology	3
ANSC 451	Microbes and the Anim Indust	3-4
ANSC 452	Animal Growth and Development	3-4
ANSC 453	Stem Cell Biology	3
ANSC 467	Applied Animal Ecology	2
ANSC 509	Muscle Biology	
ANSC 510	Science of Animal Well-Being	3
ANSC 520	Protein and Energy Nutrition	3
ANSC 521	Regulation of Metabolism	3
ANSC 522	Advanced Ruminant Nutrition	3
ANSC 523	Techniques in Animal Nutrition	2
ANSC 524	Nonruminant Nutrition Concepts	1

Code	Title	Hours
ANSC 525	Topics in Nutrition Research	3
ANSC 526	Adv Companion Animal Nutrition	1-3
ANSC 533	Repro Physiology Lab Methods	5
ANSC 541	Regression Analysis	4
ANSC 542	Applied Bioinformatics	4
ANSC 543	Bioinformatics	3-4
ANSC 545	Statistical Genomics	3
ANSC 554	Immunobiological Methods	2
ANSC 561	Animal Stress Physiology	3
Additional elective courses must be completed to yield at least 126 total Hours for graduation.		20-29
Total Hours		**126**

The required 126 hours must include a minimum of 40 hours of 300- and 400-level courses

And

Animal Sciences, MANSC

Degree Requirements

Code	Title	Hours
ANSC 590	Animal Sciences Seminar	2
ANSC 440	Applied Statistical Methods I	4
or ANSC 445	Statistical Methods	
500-level courses		6
(excludes ANSC 590, ANSC 592, ANSC 593)		
400- or 500-level ANSC courses		6
(excludes ANSC 590, ANSC 592, ANSC 593, ANSC 440, ANSC 445)		
Other graduate-level electives		8
(excludes ANSC 590, ANSC 592, ANSC 593, ANSC 440, ANSC 445)		
ANSC 592	Adv Topics in Animal Science	6
or ANSC 593	Res Studies in Animal Sciences	
Total Hours		**32**

* A maximum of 12 graduate-level credit hours from the B.S. degree will count towards the MANSC degree

Current Program Requirements

Code	Title	Hours
ANSC 590	Animal Sciences Seminar	2
ANSC 440 or ANSC 445	Applied Statistical Methods I or Statistical Methods	4
500-level courses (excludes ANSC 590, ANSC 592, ANSC 593)		6
400- or 500-level ANSC courses (excludes ANSC 590, ANSC 592, ANSC 593, ANSC 440, ANSC 445)		6
Other graduate-level electives (excludes ANSC 590, ANSC 592, ANSC 593, ANSC 440, ANSC 445)		8
ANSC 592 or ANSC 593	Adv Topics in Animal Science or Res Studies in Animal Sciences	6
Total Hours		**32**

Other Requirements
Other Requirements and conditions may overlap
Minimum GPA: 3.0

ANSC 592 or ANSC 593 Research Studies:

•In consultation with their faculty advisor, students will select courses that support the individual research studies project and strengthen career opportunities. The individual research studies project or internship experience and a written report will fulfill the ANSC 592 (Advanced Topics in Animal Science) or ANSC 593 (Research Studies in Animal Sciences) capstone project requirement. The project or internship and the written product provide evidence that the student:

i) understands and can apply the scientific method;

ii) has the capability to analyze and interpret scientific information; and

iii) can effectively communicate scientific information in a field of animal sciences. The written product will follow the format

Revised Program Requirements

Code	Title	Hours
ANSC 590, ANSC 591, or approved equivalent[1]	Animal Sciences Seminar	2
ANSC 440, ANSC 445, ANSC 448, ANSC 449, or approved equivalent[1]	One course in statistics or data analytics	2 - 5
Elective 400 and 500-level graded coursework (excludes ANSC 590, ANSC 591, ANSC 593)[2]		17 - 20
ANSC 593[3]	Res Studies in Animal Sciences	8
Total Hours		**32**

Other Requirements
Minimum Hours Required within the Unit: 12
Minimum 500-level Hours Required Overall: 12

Minimum GPA: 3.0

[1] equivalent course requires departmental approval

[2] In consultation with their Animal Sciences faculty advisor, students will select courses that support the individual research studies project and strengthen career opportunities.

[3] The individual research studies project or internship experience and a written report will fulfill the ANSC 593 (Research Studies in Animal Sciences) capstone project requirement. The project or internship and the written product will be supervised by the Animal Sciences faculty mentor and provide evidence that the student can understand and apply the scientific method, interpret scientific information; and effectively communicate scientific information in a field of animal sciences.

From: AITS ESC Student Configuration
Sent: Friday, February 19, 2021 10:53 AM
To: AITS Student Configuration Notification
Subject: Academic Structure Configuration

The following academic structure changes were made in BANPROD today, February 19, 2021

New Program for UIC:
2PFL9875MBAU - MBA:Bus Admin (Online) -UIC
2PFW5973BSNU - BSN:Nsg-RN Compl (BSN) -UIC
2PFY5952MPHU - MPH:Pb Hth: PopHlthHCProf -UIC

New Program for UIUC:
1PKS5890MANU - MANSC:BSCS&ANSC/MANSC ONL-UIUC
1PKS5889MANU - MANSC:BS/MANCS ANSC ONL-UIUC
1PKS0002MANU - MANSC:Animal Sciences ONL-UIUC

Program Code Updates for UIC:
20FS5265MA - MA:Museum &Exhibit Studies-UIC
Addition of the floating concentration in Black Studies (5954) effective Fall 2019 (220198).

20FS1405MA - MA:Latin Amer & Latino □UIC
Addition of the floating concentrations in Black Studies (5954) and Museum and Exhibition Studies (5942) effective Fall 2019 (220198).

20FS5524MED - MED: Science Education □UIC
Addition of the floating concentration in Museum and Exhibition Studies (5942) effective Fall 2019 (220198).

20FS5084PHD - PHD: Learning Sciences -UIC
Addition of the floating concentration in Museum and Exhibition Studies (5942) effective Fall 2019 (220198).

20FS0340MA - MA:Anthropology □UIC
Addition of the floating concentrations in Black Studies (5954) and Museum and Exhibition Studies (5942) effective Fall 2019 (220198).

The new programs are ready for Admissions to populate the Self Service display description, make available to Self Service and place in the appropriate application types.

Please consider reports, Slate, SZAWVAL and other areas of impact from this addition/change.

Please review the setup of this change and respond to stuconfig@uillinois.edu if there are any issues.

Thank you,
Erin

Erin Arie
University of Illinois System
AITS Enterprise Systems Coordination Team
217-244-8238
erinarie@uillinois.edu

Stuby, Emily Ann

From: tomcat@webprod1.admin.uillinois.edu
Sent: Friday, February 19, 2021 9:36 AM
To: AITS Codebook Instructional Revisions
Subject: 1PKS5889MANU MANSC:BS/MANCS ANSC ONL-UIUC - New Program Notification

New Program Notification

Comment
UIUC: New online program code 1PKS5889MANU (MANSC:BS/MANCS ANSC ONL-UIUC). Approved by the Senate on 12/07/2020. Please consider any rules or tables that may be affected.

For the specific changes made to the Program record, please refer to the University Of Illinois Codebook Application. Click on the following link to enter Codebook:
https://webprod.admin.uillinois.edu/codebook/jsp/instruct_code_create.jsp?id=6819

Entity	Banner Code	Legacy Code	Description
Program	1PKS5889MANU		MANSC:BS/MANCS ANSC ONL-UIUC
Degree	MANSC		Master of Animal Sciences
Major Dept	538		Animal Sciences
Major	0002		Animal Sciences
Major Concentration	5889		BS/MANSC Animal Sciences
Curriculum			
Department	538		Animal Sciences
School	KL0		Agr Consumer & Env Sciences
Dept College	KL		Agr Consumer & Env Sciences
Admin	B1		Academic Units
Campus	100		Urbana-Champaign Campus
Admitting College	KS	26	Graduate College

Related Dates:

Code Eff Date	Code Term Date	Record Eff Date	Record Exp Date
08/23/2021		08/23/2021	

Other Related Data:

Banner Max Approver		
Legacy Degree Granting College/Dept		
Legacy Advising College/Dept		
Student Level/Course Level	1G	1G
Approved Differential Tuition/Admissions On (Y/N)		Y

ILLINOIS

COLLEGE OF AGRICULTURAL, CONSUMER
& ENVIRONMENTAL SCIENCES

Department of Agricultural & Consumer Economics
326 Mumford Hall, MC-710
1301 W. Gregory Drive
Urbana, IL 61801

October 8, 2020

Dr. Rodney W. Johnson
Professor and Head
116 Animal Sciences Laboratory
1207 W. Gregory Drive
Urbana, IL 61801

Dear Rod

Thanks for sharing with us the exciting Master of Animal Sciences program that the Department of Animal Sciences offers, in addition to the traditional Master of Science and Doctor of Philosophy degrees in Animal Sciences. Our programs have a history of offering our in-person and online courses to students in both departments and look forward to extending this offer to your students in the Master of Animal Sciences program.

Sincerely,

Sean Fox,
Professor & Head, Dept. of Agricultural and Consumer Economics

From: Change Request
To: Kuntz, Kristi A
Subject: Notification of Change to Existing Program: Master of Animal Science
Date: Thursday, February 25, 2021 2:15:31 PM

Thank you for your submission.

Based on the information provided in the Inquiry Form for Changes to Existing Degree Programs, the update is sufficient notification to HLC. HLC staff will update your institution's degree program information and no further action is required at this time.

If you have any questions, please contact Tamas Horvath, Associate Director of Institutional Change, thorvath@hlcommission.org.

Higher Learning Commission

From: Kristi Kuntz <kakuntz@illinois.edu>
Date: Thursday, February 25, 2021 at 2:05 PM
To: Change Request <changerequest@hlcommission.org>
Subject: Change to Existing Program Submitted

The following change to an HLC-approved degree program has been submitted:

First name: Kristi
Last name: Kuntz
Title: Executive Associate Provost
Email address: kakuntz@illinois.edu
Institution name: 1872 - University of Illinois Urbana-Champaign - IL

Are you the Chief Executive Officer or Accreditation Liaison Officer of your institution?
Yes

Full program name: Master of Animal Sciences
Six-digit 2010 CIP Code: 01.0901
Six-digit 2020 CIP code (if available):
Degree level: Masters
Current number of credit hours required for the program: 32

Is the institution changing the number of credit hours required for the program?
No

If yes:
What is the proposed new number of credit hours required for the program?

Is the institution changing the content of the program?

No

If yes:
What percentage of the program content is being changed?

Explain the nature of the change to the content of the program:

Is the institution changing the program's method of delivery?
Yes

If yes:
Explain the change to the method of delivery:
The department is creating an online version of the existing Master of Animal Sciences. The online version will only be available to students pursing the joint Bachelor/Masters degree in Animal Sciences.

Is the institution developing customized pathways or abbreviated modified courses or programs to accommodate a student's existing knowledge from employment or military service and to close competency gaps between demonstrated prior knowledge and the full requirements of a particular course or program?
No

If yes:
Explain the change to the course or program:

University Senates Conference
378 Henry Administration Building, MC 348
506 South Wright Street
Urbana, IL 61801

January 29, 2021

Kathy Martensen
Assistant Provost for Educational Programs
206 Swanlund, MC-304

Dear Kathy:

At its meeting on January 26, the University Senates Conference approved the proposed classification of minutes of the Urbana-Champaign Senate meetings of December 7. The Class I items are listed below.

EP.21.025 Agricultural Education, MS (on campus & online) -- Proposal to phase-out the AGED MS degree program in Agricultural Education. This is part of a multi-element change with the proposal to create a new MS degree program in Agricultural Leadership, Education, and Communications.

EP.21.026 Agricultural & Biological Engineering, PhD -- Revision of Curriculum Requirements for the Ph.D. in Agricultural & Biological Engineering to add a 96-Credit Hour Option, Department of Agricultural & Biological Engineering (ABE), The Grainger College of Engineering

EP.21.027 Agricultural Leadership, Education, and Communications, MS (on campus & online) -- Proposal to create a new MS degree program in Agricultural Leadership, Education, and Communications, also requesting a non-degree code for this program. This is part of a multi-element change with the proposal to phase-out the AGED MS degree program in Agricultural Education.

EP.21.029 Creative Writing, BALAS -- Revision to the BALAS in Creative Writing

EP.21.030 Statistics, MS -- Revising the MS in Statistics

EP.21.031 Statistics: Analytics, MS -- Revising the MS in Statistics Concentration in Analytics

EP.21.033 Animal Sciences, MANSC (on campus & online) -- Revision of the Animal Sciences, MANSC to change the program requirements and the delivery method to include online delivery. The revisions also impact the 4+1 BS/MANSC and the 4+1BS(CS+ANSC)/MANSC degrees

EP.21.035 Animal Sciences BS & MANSC -- Revisions to the 4+1 BS/MANSC due to the program requirements changes and addition of online delivery to the Animal Sciences, MANSC. The revisions also impact Animal Sciences, MANSC and 4+1BS(CS+ANSC)/MANSC degrees

EP.21.036 Computer Science & Animal Sciences, BS & Animal Science, MANSC -- Revisions to the 4+1BS(CS+ANSC)/MANSC due to the program requirements changes and addition of online delivery to the Animal Sciences, MANSC. The revisions also impact Animal Sciences, MANSC and 4+1 BS/MANSC degrees

Sincerely,

Connie

Connie Sailor
Administrative Aide

c: Brenda Ankenbrand
Ellen Foran
Kathy Johnson
Renee Nagy
Julian Parrott
Jenny Roether
Nathan Wilds

5877: DATA ANALYTICS IN FINANCE - FLOATING

In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu; mhazen@illinois.edu)
2. 1260 Committee Chair (nmiller@illinois.edu)
3. 1260 Head (l-chan2@illinois.edu)
4. KM Grad Committee Chair (jloew@illinois.edu; wbe@illinois.edu)
5. KM Committee Chair (huangjk@illinois.edu)
6. KM Dean (peecher@illinois.edu)
7. University Librarian (jpwilkin@illinois.edu)
8. Grad_College (agrindly@illinois.edu; lowry@illinois.edu)
9. Provost (kmartens@illinois.edu; mhazen@illinois.edu)
10. Senate EPC (bjlehman@illinois.edu; moorhouz@illinois.edu; kmartens@illinois.edu)
11. Senate (jtempel@illinois.edu)
12. U Senate Conf (none)
13. Board of Trustees (none)
14. IBHE (none)
15. HLC (kmartens@illinois.edu)
16. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

Approval Path

1. Thu, 28 Oct 2021 16:40:48 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Fri, 29 Oct 2021 16:53:06 GMT
   Nolan Miller (nmiller): Approved for 1260 Committee Chair
3. Fri, 29 Oct 2021 19:19:31 GMT
   Louis Chan (l-chan2): Approved for 1260 Head
4. Fri, 29 Oct 2021 19:28:31 GMT
   Brooke Elliott (wbe): Approved for KM Grad Committee Chair
5. Mon, 01 Nov 2021 03:17:33 GMT
   Jiekun Huang (huangjk): Approved for KM Committee Chair
6. Mon, 01 Nov 2021 19:19:15 GMT
   Mark Peecher (peecher): Approved for KM Dean
7. Mon, 01 Nov 2021 20:02:38 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
8. Wed, 03 Nov 2021 19:52:14 GMT
   Allison McKinney (agrindly): Approved for Grad_College
9. Wed, 03 Nov 2021 22:36:26 GMT
   Kathy Martensen (kmartens): Approved for Provost

History

1. Jan 22, 2020 by Dustin Janes (djanes3)
2. Feb 19, 2020 by Deb Forgacs (dforgacs)
3. Oct 9, 2020 by Deb Forgacs (dforgacs)

Date Submitted:Wed, 27 Oct 2021 20:06:18 GMT

Viewing:5877 : Data Analytics in Finance - Floating

Changes proposed by: Hanna Richmond

Proposal Type:

Concentration (ex. Dietetics)

This proposal is for a:

Revision

Administration Details

Official Program Name

Data Analytics in Finance - Floating

Sponsor College

Gies College of Business

Sponsor Department

Finance

Sponsor Name

Martin Widdicks; Louis Chan

Sponsor Email

widdicks@illinois.edu; l-chan2@illinois.edu

College Contact

Jeff Brown, Dean, College of Business c/o Lorena Nicholas

College Contact Email

lorenan@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term

Spring 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval:To be responsive to student interest we are proposing the graduate concentration Data Analytics in Finance (code: 5877) be available to the new MS in Business Analytics students (Program code: 1PKS5964MS). Two course changes were made due to renumbering of Finance masters level courses.

Program Justification

Why are these changes necessary?

To allow students in the Business Analytics program (1PKS5964MS) to receive a concentration in Data Analytics in Finance. Two course changes were made due to renumbering of Finance masters level courses.

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

No

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).

No licensure or certification requirements for this concentration.

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.

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 - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

http://catalog.illinois.edu/graduate/graduate-majors/finance/#masterstext. A statement will be needed on this page for the MSF that outlines how the concentration fits in with the existing program of study.

http://catalog.illinois.edu/graduate/graduate-majors/financial-eng/#masterstext
A statement will be needed on this page that outlines how the concentration fits in with the existing program as described in this proposal.

Statement for Programs of Study Catalog

Code	Title	Hours
FIN 510	Course FIN 510 Not Found	4
FIN 550	Big Data Analytics in Finance for Predictive and Causal Analysis	4
Choose any two of the following:		
FIN 552	Applied Financial Econometrics	4
FIN 537	Financial Risk Management	4
FIN 553	Machine Learning in Finance	4
FIN 555	Financial Innovation	4
FIN 567	Course FIN 567 Not Found	4
FIN 580	Special Topics in Finance	4
Total Hours		**12**

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Finance, MS
Financial Engineering, MS
Business Analytics, MS

Program Features

Academic Level

Graduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

MSF

The concentration makes no change to the program of study (POS) for MSF as the MSF degree has a large number of elective credits built in. Of the 40 credit hours, there are 24 credit hours of electives. The 12 credit hours required for the concentration can be obtained by taking elective classes already available for MSF students.

MSFE
The concentration also makes no change to the POS for the MSFE degree. One of the classes required for the concentration is already a core class for MSFE (FIN 537 in the spring) and the other two classes can be taken as part of the offerings in the final semester – one as a core class and one as the final semester elective.

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

the finance data analytics concentration requires FIN 550 and 2 of 5 specified finance courses. MSBA students are required to take FIN 550 in the Fall, and are already able to take the 5 finance data analytics courses that are listed for the concentration. Adding the data analytics concentration may increase demand for FIN courses in these areas. If there are unforeseen demands for extra capacity, some existing faculty can be shifted out of relatively low-demand electives, with minimal disruption to overall learning outcomes of students.

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

Current academic and administrative staff in the Department of Finance and the Gies College of Business office have the capacity to serve as advisors, maintain records, and process student registration in the concentration and related coursework.

Current instructional staff in the Department of Finance will offer and instruct the courses. No other additional/incremental resources are necessary for this concentration. If there are unforeseen demands for extra capacity, some existing faculty can be shifted out of relatively low-demand electives, with minimal disruption to overall learning outcomes of students.

No other additional / incremental resources are necessary for this concentration. We do not anticipate having to shift or otherwise alter existing capacity. No additional campus or external resources are needed for this concentration.

We will use currently available resources to fund the appointments. A letter from the college is attached.

Financial Resources

How does the unit intend to financially support this proposal?

Current academic and administrative staff in the Department of Finance and the Gies College of Business office have the capacity to serve as advisors, maintain records, and process student registration in the concentration and related coursework.

Current instructional staff in the Department of Finance will offer and instruct the courses. We expect that introducing the concentration will increase the appeal of the MS Finance/MS Financial Engineering/Business Analytics programs, thereby expanding enrollment and generating incremental revenues that should more than cover any additional costs.

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

No

Is this program requesting self-supporting status?

No

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/ acknowledgement from faculty, students, and/or other impacted units as appropriate.

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.

Current academic and administrative staff in the Department of Finance and the Gies College of Business office have the capacity to serve as advisors, maintain records, and process student registration in the concentration and related coursework.

Current instructional staff in the Department of Finance will offer and instruct the courses. No other additional/incremental resources are necessary for this concentration. If there are unforeseen demands for extra capacity, some existing faculty can be shifted out of relatively low-demand electives, with minimal disruption to overall learning outcomes of students.

No other additional / incremental resources are necessary for this concentration. We do not anticipate having to shift or otherwise alter existing capacity. No additional campus or external resources are needed for this concentration.

We will use currently available resources to fund the appointments.

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.

No impact on library resources is expected.

EP Documentation

EP Control Number

EP.22.042

This proposal requires HLC inquiry

No

DMI Documentation

Banner/Codebook Name

Data Analytics in Finance

Program Code:

5877

Conc Code

5877

Program Reviewer Comments

Allison McKinney (agrindly) (Wed, 03 Nov 2021 19:52:10 GMT): Administratively approved by the Graduate College.

Kathy Martensen (kmartens) (Wed, 03 Nov 2021 22:36:23 GMT): Admin approval: No change to total hours; doesn't restrict student choice.

Key: 478

Proposal to the Senate Educational Policy Committee

PROPOSAL TITLE

Establish a New Graduate Level Concentration Titled "Data Analytics in Finance" in the Department of Finance, in the Gies College of Business.

SPONSORS

Louis K.C. Chan, Department Chair, and Hoeft Professor of Business
Department of Finance, Gies College of Business
Email: l-chan2@illinois.edu
Phone: 217.333.6391

Martin Widdicks, Director of MSF Program, Senior Lecturer
Department of Finance, Gies College of Business
Email: widdicks@illinois.edu
Phone: 217.244.6856

Please also contact Hanna Richmond, (Director of Administration), regarding administrative aspects of this proposal, hrichmnd@illinois.edu.

COLLEGE CONTACT

Jeff Brown, Dean, College of Business c/o Mary Schultze (333-5423 or mlschltz@illinois.edu) and Allison McKinney, Director, Academic Programs & Policy in the Graduate College (agrindly@illinois.edu).

BRIEF DESCRIPTION

This proposal seeks the approval of a new Data Analytics in Finance Concentration in the Master of Science in Finance Graduate Program. The proposed concentration is designed to enhance graduate students' knowledge, skills, and professional opportunities related to using data analytic skills to solve business problems and effectively communicate analyses, findings, and conclusions. The proposed Data Analytics in Finance Concentration requires students to complete twelve graduate hours of coursework.

JUSTIFICATION:

There are two key motivations for the proposed Data Analytics in Finance Concentration.

One, the knowledge, technical skill, and professional requirements for students entering finance and consulting jobs have evolved to include many aspects of data analytics. Many major finance firms have formally and informally highlighted the evolving requirements of finance graduates in areas of business and data analytics.

Two, research suggests that there is a need to train students in this important area. A 2016 survey of 422 European and U.S. executives conducted by the Economist Intelligence Unit reports that analytics and big data will be the most important digital competency for their organizations in the next three years. In response, the AACSB is pushing business schools to respond by adding data analytics to their curricula. For example, in May 2019, there will be a Data Analytics Summit with the following brief:

> *"Business demand for graduates with data analytics knowledge and skills has exploded, while the field itself is still evolving and changing rapidly, with new strategies, tools, and techniques coming online daily. These dynamics are challenging business schools to respond with innovative programs and curricular approaches that are connected deeply with practice. This seminar will focus on how to develop, implement and deliver data analytics programs and other curriculum components that meet the highest academic standards consistent with AACSB accreditation expectations, as well as the needs of the business community and prospective students."*

The proposed Data Analytics in Finance Concentration is designed to address this large demand for these skills, leading to the Department of Finance's future continued success at educating graduate students.

BUDGETARY AND STAFF IMPLICATIONS

1) *Resources*

   a. *How does the unit intend to financially support this proposal?*

      Current academic and administrative staff in the Department of Finance and the Gies College of Business office have the capacity to serve as advisors, maintain records, and process student registration in the concentration and related coursework.

      Current instructional staff in the Department of Finance will offer and instruct the courses. In addition, new faculty may be recruited to teach some of the courses.

Funding for these additional faculty will come from Department and College resources currently available for existing faculty lines.

b. *How will the unit create capacity or surplus to appropriately resource this program? If applicable, what functions or programs will the unit no longer support to create capacity?*

Other than additional faculty (for which faculty lines are currently available), no other additional / incremental resources are necessary for this concentration. We do not anticipate having to shift or otherwise alter existing capacity.

c. *Will the unit need to seek campus or other external resources? If so, please provide a summary of the sources and an indication of the approved support.*

No additional campus or external resources are needed for this concentration.

d. *Please provide a letter of acknowledgment from the college that outlines the financial arrangements for the proposed program.*

We will use currently available resources to fund the appointments. A letter from the college is attached.

2) *Resource Implications*

a. *Please address the impact on faculty resources including the changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.*

We anticipate that two additional faculty may be required to fully implement the concentration (depending on type of faculty used to staff the courses). We will be using current faculty members for this staffing and will request additional faculty lines as enrollment increases. Teaching loads will be between three and six course sections (three for tenure-track faculty and six for specialized faculty). Target class size is 68 students per section. In addition, these additional courses will be comparable to existing class sizes, teaching loads, and student-faculty ratios.

b. *Please address the impact on course enrollment in other units and provide an explanation of discussions with representatives of those units.*

Currently, graduate students in both the Master of Science in Finance program take a variety of electives. Students electing to complete the Data Analytics in Finance Concentration will use three of their electives to complete the concentration. Given the breadth of electives currently taken by Finance graduate students, the reduction in enrollment of other electives will be minimal.

c. *Please address the impact on the University Library*

No increase in graduate student population is expected since those admitted to this concentration will be current graduate students in the Department of Finance. Thus, there will be no additional impact beyond what is already accounted for in the typical graduate student population. See attached letter.

d. *Please address the impact on technology and space (e.g. computer use, laboratory use, equipment, etc.)*

No increase in graduate student population is expected since those admitted to this concentration will be current graduate students in the Department of Finance. The Department operates the Margolis Markets and Information Laboratory. The funding for this space is continuous. There will be no impact on space because the computing and data resources are already available.

DESIRED EFFECTIVE DATE

Fall semester of the 2019-2020 Academic Year

STATEMENT FOR PROGRAMS OF STUDY CATALOG

The Data Analytics in Finance Concentration is designed to develop graduates who understand

- how to apply data analytics in a variety of financial contexts including investment and policy decisions;
- critically solve business problems using data-intensive economic and financial information; and,
- synthesize and effectively communicate data-intensive information, findings, and conclusions to others, including supervisors, peers, and clients.

This concentration will not only provide a strong technical knowledge of data analytics topics, but also provide students multiple opportunities to apply this knowledge via experiential learning opportunities.

Completion of this concentration requires twelve hours of coursework, comprised of

- FIN 580 BDA/FIN 510: Big Data Analytics in Finance (4 credit hours)

And ***any two*** of the following graduate courses:

- FIN 567: Financial Risk Management (4 credit hours)
- FIN 580 FT: Fintech (4 credit hours)
- FIN 580 DA: Data Analytics (4 credit hours)
- FIN 580 DK: Applied Financial Econometrics (4 credit hours)

CLEARANCES: *(Clearances should include signatures and dates of approval.* ***These signatures must appear on a separate sheet.*** *If multiple departments or colleges are sponsoring the proposal, please add the appropriate signature lines below.)*

Signatures:

_____	_____
Unit Representative:	Date:
_____	_____
College Representative:	Date:
_____	_____
Graduate College Representative:	Date:
_____	_____
Council on Teacher Education Representative:	Date:

FIN 510: BIG DATA ANALYTICS IN FINANCE FOR PREDICTIVE AND CAUSAL ANALYSIS

Course Change Request

New Course Proposal

Changes saved but not submitted

Viewing: FIN 510 : Big Data Analytics in Finance for Predictive and Causal Analysis

General Information

Proposed Effective Term:

Fall 2019

College:

College of Business

Department/Unit Name (ORG Code):

Finance (1260)

Course Subject:

Finance (FIN)

Course Number:

510

Course Title:

Big Data Analytics in Finance for Predictive and Causal Analysis

Abbreviated Title:

Big Data Analytics in Finance

Course Description:

Recent trends in “big data” present both enormous challenges and opportunities for businesses. This course introduces concepts and techniques of business data analytics and shows how they can be used for making predictions and to distinguish between correlation and causation. Covered tools include data visualization, machine learning, regression analysis, randomized trials, A/B testing, and quasi-experiments. Students will apply these tools using R programming within the Amazon Web Services cloud computing environment.

Justification

Justify new course and explain the nature and degree of overlap with existing courses, if applicable:

This course provides conceptual and applied instruction in areas not covered by other courses in the College of Business. Conceptually, the course distinguishes between two classes of data analytics problems: prediction and causal inference. While each of these topics are covered individually in other departments on campus, no other course on campus covers both topics side-by-side. In terms of applied instruction, this course teaches students skills that are essential for modern data analysis and widely demanded by firms. These skill include data visualization, programming in R, machine learning, and cloud computing on Amazon Web Services. Through the unique combination of conceptual and applied topics in this course, students will learn how to formulate hypotheses, implement modern tools of data analytics, and interpret empirical results to make better informed business and policy decisions.

Please attach the course syllabus:

FIN 580 BD1, BD2 Fall 2017 Molitor.docx

Course Information

Course Credit

Course credit:

nbsp;

Undergraduate:

Graduate:

4

Professional:

0

nbsp;

Justification for Change in Graduate Credit:

Uniformity with other graduate-level courses.

nbsp;

Justify variable or differential credit:

Not available for professional students.

Registrar Use Only:

Banner Credit:

Billable Hours:

Grading Type
Grading type:

Letter Grade

nbsp;

Alternate Grading Type (optional):

Available for DFR:

No

Repeatability
May this course be repeated?

No

Credit Restrictions
Credit Restrictions:

Advisory Statements
Prerequisites:

Concurrent Enrollment Statement:

Restricted Audience Statement:

Only available to specific students selected via application process.

Cross-listing
Cross Listed Courses:

Fees
Is a fee requested for this course?

No

Course Description in the Catalog Entry
This is how the above information will be represented in the Catalog:

nbsp;

Recent trends in “big data” present both enormous challenges and opportunities for businesses. This course introduces concepts and techniques of business data analytics and shows how they can be used for making predictions and to distinguish between correlation and causation. Covered tools include data visualization, machine learning, regression analysis, randomized trials, A/B testing, and quasi-experiments. Students will apply these tools using R programming within the Amazon Web Services cloud computing environment. Course Information: 4 graduate hours. 0 professional hours. Prerequisite: Only available to specific students selected via application process.

Additional Course Notes

Enter any other course information details to be included in the catalog:

Course Detail

Frequency of course:

Every Fall

Duration of the course

Full

Anticipated Enrollment:

60

Expected distribution of student registration:

Freshman:
N/A

Sophomore:
N/A

Junior:
N/A

Senior:
N/A

Graduate:
100 %

Professional:
0 %

Additional Course Information

Does this course replace an existing course?

No

Does this course impact other courses?

No

Does the addition of this course impact the departmental curriculum?

No

Has this course been offered as a special topics or other type of experimental course?

Yes

Please indicate the Banner subject, course number, section ID, term and enrollment for each offering:

FIN 580 (50081)
Section BD1
Fall 2018
29

FIN 580 (48173)
Section BD2

Fall 2018
29

FIN 580 (70398)
Section BD3
Fall 2018
22

FIN 580 (50081)
Section BD1
Fall 2017
21

FIN 580 (48173)
Section BD2
Fall 2017
25

Will this course be offered on-line?

Face-to-Face

Faculty members who will teach this course:

David Molitor

Course ID:

Comments to Reviewers:

Course proposed by:

David Molitor

Key: 11022

From: Meyer, Eric K
To: Richmond, Hanna C
Cc: Zilles, Craig; Lehman, Barbara J; Martensen, Kathy
Subject: RE: Finance Data Analytics Concentration
Date: Thursday, October 3, 2019 4:06:19 PM
Attachments: image002.png
image003.png

Sorry if there's been a failure to communicate on this. We're still getting used to new procedures on how to roll items back in the CIM-P system that we started using last month. If you need the proposal returned to your queue, please contact Barbara Lehman in the Senate office of Kathy Martensen in the provost's office. I'm sure they will be able to help.

Craig Zilles, who is new in that role, chairs the subcommittee that has been compiling questions members might have about your proposal. He can give you a more definitive answer, but my understanding from listening to his summary of questions at our meeting Sept. 23 is that the proposal was to have been rolled back in CIM-P for two reasons:

- CIM-P flagged FIN 510 as a course that did not exist, which means the proposal could not be implemented until it did.
- Not enough regularly taught courses were available in the list of options to allow a student to complete the concentration without enrolling in specific sections of a special-topics course.

The latter point bears some explanation. Under university rules, a course may not be offered more than three times under a special topics number (FIN 580). It thereafter must be discontinued or seek its own course number. If these special topics sections are in the process of seeking their own numbers, that would be fine. According to the timetable, Section FT is being taught, apparently as a pilot, for the first time this fall. However, Sections DA and DK do not show up as having been taught previously. They appear to be brand-new courses. There really would be no rationale for proposing them as requirements under a number that automatically is sunsetted after three semesters if that is true. Also, DARS reports, which the grad college now is using for degree audits, can have difficulty identifying specific topics sections as being required. All degree audits might have to be manually done if these courses do not have their own numbers.

Generally speaking, proposing a concentration that requires students to take three of five courses, only one of which is a current, listed course and three of which haven't even been taught on a piloted basis, raises some concern and might benefit some explanation lest the proposal appear to subsequent evaluators to be, for lack of a better term, vaporware to be developed only after the concentration approved.

How you respond to any of these concerns is, of course, up to you. We never require anything specific. We just identify areas in which we suggest that some additional explanation, elaboration or action might be in the best interests of the proposal receiving expeditious approval. There is some time to do this. I am told that it is now too late to get anything to the Board of Trustees until its January meeting. New concentrations aren't action items for the board, but they are report items. We could possibly get it to the Senate as soon as Oct. 14, but that would require that these concerns are dealt with before EPC's meeting Monday.

ILLINOIS

ERIC K. MEYER
Associate Professor of Journalism, College of Media
Chair, University Senate Educational Policy Committee
25 Gregory Hall | 810 S. Wright St. | M/C 462 | Urbana, IL 61801
(217) 244-8317 | ekmeyer@illinois.edu

From: Richmond, Hanna C <hrichmnd@illinois.edu>
Sent: Thursday, October 3, 2019 3:06 PM
To: Meyer, Eric K <ekmeyer@illinois.edu>
Subject: Finance Data Analytics Concentration

Good afternoon,

I'm writing in regards to the Finance Department's request for a Data Analytics concentration. Nolan Miller let me know that the concentration needed to include permanent course numbers and that the committee would be in touch with us with additional feedback. The permanent number process has been started; one class is already approved (FIN 510). Do you have any additional concerns with the proposal? I can also submit a revised proposal with the new course numbers if that is helpful to the committee.

Thank you,
Hanna

Hanna C. Richmond, JD, MBA
Director of Administration, Department of Finance
340 Wohlers Hall, 1206 S. Sixth Street, Champaign, IL 61820
217.244.8602 | hrichmnd@illinois.edu

ILLINOIS
Gies College of Business

FIN 510: BIG DATA ANALYTICS IN FINANCE FOR PREDICTIVE AND CAUSAL ANALYSIS

Completed Workflow

1. 1260 Committee Chair (gpennacc@illinois.edu)
2. 1260 Head (l-chan2@illinois.edu)
3. KM Committee Chair (dyer1@illinois.edu)
4. KM Dean (peecher@illinois.edu; mlschltz@illinois.edu)
5. Grad Dean (agrindly@illinois.edu)
6. COTE (bmclvngr@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Registrar (fms-catalog@illinois.edu)
9. Banner (fms-catalog@illinois.edu)

Approval Path

1. Fri, 12 Apr 2019 13:49:21 GMT
   Kathy Martensen (kmartens): Approved for 1260 Committee Chair
2. Fri, 12 Apr 2019 13:49:53 GMT
   Kathy Martensen (kmartens): Rollback to 1260 Committee Chair for 1260 Head
3. Fri, 12 Apr 2019 15:32:48 GMT
   George Pennacchi (gpennacc): Approved for 1260 Committee Chair
4. Thu, 19 Sep 2019 22:20:54 GMT
   Louis Chan (l-chan2): Approved for 1260 Head
5. Tue, 24 Sep 2019 19:33:37 GMT
   Aric Rindfleisch (aric): Approved for KM Committee Chair
6. Tue, 24 Sep 2019 19:43:34 GMT
   Mark Peecher (peecher): Approved for KM Dean
7. Wed, 25 Sep 2019 15:12:32 GMT
   Allison McKinney (agrindly): Approved for Grad Dean
8. Wed, 25 Sep 2019 17:14:32 GMT
   Brenda Clevenger (bmclvngr): Approved for COTE
9. Thu, 26 Sep 2019 14:59:12 GMT
   Kathy Martensen (kmartens): Approved for Provost
10. Thu, 26 Sep 2019 19:03:03 GMT
    Deb Forgacs (dforgacs): Approved for Registrar
11. Fri, 27 Sep 2019 08:46:07 GMT
    system: Approved for Banner

History

1. Sep 27, 2019 by Dustin Janes (djanes3)

Viewing:FIN 510 : Big Data Analytics in Finance for Predictive and Causal Analysis

Changes proposed by: Dustin Janes

General Information
Effective Term:

Fall 2019

College:

Gies College of Business

Department/Unit Name (ORG Code):

Finance (1260)

Course Subject:

Finance (FIN)

Course Number:

510

Course Title:

Big Data Analytics in Finance for Predictive and Causal Analysis

Abbreviated Title:

Big Data Analytics in Finance

Course Description:

Recent trends in "big data" present both enormous challenges and opportunities for businesses. This course introduces concepts and techniques of data analytics and shows how they can be used for making predictions, and to distinguish between correlation and causation, in the context of financial and economic analysis. Covered tools include data visualization, machine learning, regression analysis, randomized trials, A/B testing, and quasi-experiments. Students will apply these tools using R programming within the Amazon Web Services cloud computing environment.

Justification

Justification for change:

This course provides conceptual and applied instruction in areas not covered by other courses in the College of Business. Conceptually, the course distinguishes between two classes of data analytics problems: prediction and causal inference. While each of these topics are covered individually in other departments on campus, no other course on campus covers both topics side-by-side. In terms of applied instruction, this course teaches students skills that are essential for modern data analysis and widely demanded by firms. These skill include data visualization, programming in R, machine learning, and cloud computing on Amazon Web Services. Through the unique combination of conceptual and applied topics in this course, students will learn how to formulate hypotheses, implement modern tools of data analytics, and interpret empirical results to make better informed business and policy decisions.

Please Note: a syllabus is required for General Education review:

FIN 580 BD1 BD2 Fall 2017 Molitor.docx

Course Information

Course Credit

Graduate:

4

Justification for Change in Graduate Credit:

Uniformity with other graduate-level courses.

Registrar Use Only:

Banner Credit:

4

Billable Hours:

4

Grading Type
Letter Grade

Available for DFR:

No

Repeatability
No

Credit Restrictions
Credit Restrictions:

Credit is not given for FIN 510 and these sections of FIN 580: Section BD1, (50081); Section BD2, (48173); and Section BD3, (70398).

Advisory Statements
Consent of Instructor.

Cross-listing

Class Schedule Information

Fees
No

Course Description in the Catalog Entry
This is how the above information will be represented in the Catalog:

Recent trends in "big data" present both enormous challenges and opportunities for businesses. This course introduces concepts and techniques of data analytics and shows how they can be used for making predictions, and to distinguish between correlation and causation, in the context of financial and economic analysis. Covered tools include data visualization, machine learning, regression analysis, randomized trials, A/B testing, and quasi-experiments. Students will apply these tools using R programming within the Amazon Web Services cloud computing environment. Course

Information: 4 graduate hours. No professional credit. Credit is not given for FIN 510 and these sections of FIN 580: Section BD1, (50081); Section BD2, (48173); and Section BD3, (70398). Prerequisite: Consent of Instructor.

Additional Course Notes

Course Detail
Frequency of course:

Every Fall

Duration of the course

Full

Anticipated Enrollment:

60

Expected distribution of student registration:

Graduate:
100 %

Professional:
0 %

General Education

Additional Course Information
Does this course replace an existing course?

No

Does this course impact other courses?

No

Does the addition of this course impact the departmental curriculum?

No

Has this course been offered as a special topics or other type of experimental course?

Yes

Please indicate the Banner subject, course number, section ID, term and enrollment for each offering:

FIN 580 (50081)
Section BD1
Fall 2018
29

FIN 580 (48173)
Section BD2
Fall 2018
29

FIN 580 (70398)
Section BD3
Fall 2018
22

FIN 580 (50081)
Section BD1
Fall 2017
21

FIN 580 (48173)
Section BD2
Fall 2017
25

Will this course be offered on-line?

Face-to-Face

Faculty members who will teach this course:

David Molitor

Course ID:

1011709

Course Edits Proposed by:

David Molitor

Course Reviewer Comments

Louis Chan (Tue, 18 Dec 2018 18:01:54 GMT): Should highlight the Finance context in course description. Perhaps change 2nd sentence in course description to "This course introduces concepts and techniques of data analytics and shows how they can be used for making predictions, and to distinguish between correlation and causation, in the context of financial and economic analysis."
Louis Chan (Tue, 18 Dec 2018 18:03:40 GMT): Rollback: Can you get Molitor to look at suggested edit? Thanks.
Kathy Martensen (Wed, 13 Feb 2019 01:56:25 GMT): Rollback: Please add the # of hrs/class meeting to syllabus so weekly contact hours is clear. Thanks! --Kathy
Kathy Martensen (Wed, 06 Mar 2019 22:35:21 GMT): Rollback: Meeting dates are in the syllabus, meeting times are not; please add this info so the weekly contact hours are readily accessible in the syllabus. Thanks! --Kathy
Kathy Martensen (Tue, 09 Apr 2019 13:44:51 GMT): Rollback: See requested edits from Feb. and Mar.: Kathy Martensen (02/12/19 7:56 pm): Rollback: Please add the # of hrs/class meeting to syllabus so weekly contact hours is clear. Thanks! --Kathy Kathy Martensen (03/06/19 4:35 pm): Rollback: Meeting dates are in the syllabus, meeting times are not; please add this info so the weekly contact hours are readily accessible in the syllabus. Thanks! --Kathy This info is still missing in the attached syllabus. Please add!
Kathy Martensen (Fri, 12 Apr 2019 13:49:18 GMT): Updated syllabus attached per request of D. Janes via email, 4/12/19, 8:45 a.m.
Kathy Martensen (Fri, 12 Apr 2019 13:49:53 GMT): Rollback: .

Key: 11022

ILLINOIS
Gies College of Business

Department of Finance
340 Wohlers Hall
1206 South Sixth Street
Champaign, IL 61820

TO: Allison McKinney
Graduate College

FROM: Mark Peecher

DATE: September 3, 2019

RE: Approval of Finance Department Proposal

The Gies College of Business requests approval of the Data Analytics Concentration for the Masters of Science in Finance program. The courses will be a mixture of existing courses and new courses taught by existing faculty members. There will be no additional cost to the college.

The appropriate committees at the department and college levels reviewed the proposal and approval has been recommended. I also recommend approval.

FIN 555: FINANCIAL INNOVATION

In Workflow

1. 1260 Committee Chair (gpennacc@illinois.edu)
2. 1260 Head (l-chan2@illinois.edu)
3. KM Committee Chair (dyer1@illinois.edu)
4. KM Dean (peecher@illinois.edu; mlschltz@illinois.edu)
5. Grad Dean (agrindly@illinois.edu)
6. COTE (bmclvngr@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Registrar (fms-catalog@illinois.edu)
9. Banner (fms-catalog@illinois.edu)

Approval Path

1. Fri, 04 Oct 2019 17:04:25 GMT
   George Pennacchi (gpennacc): Approved for 1260 Committee Chair
2. Fri, 04 Oct 2019 22:18:14 GMT
   Louis Chan (l-chan2): Approved for 1260 Head

New Course Proposal

Date Submitted:Fri, 04 Oct 2019 14:24:05 GMT

Viewing:FIN 555 : Financial Innovation

Changes proposed by: Jonathan Hall

General Information
Proposed Effective Term:

Fall 2020

College:

Gies College of Business

Department/Unit Name (ORG Code):

Finance (1260)

Course Subject:

Finance (FIN)

Course Number:

555

Course Title:

Financial Innovation

Abbreviated Title:

Financial Innovation

Course Description:

Recent years have seen the rapid development of the fintech sector, bringing together technology and data, startups and established firms in ways that are likely to shape and disrupt financial markets going forward. This course will involve a mix of lectures, guest speakers, and class discussion of breaking developments and new ventures. Some of the fintech sectors we will discuss include consumer finance, payments, investing and trading, cryptocurrencies and blockchain, and privacy and regulatory concerns. Because of the innovative and rapidly evolving nature of the fintech sector, this class will depend heavily on student engagement and class discussion. Students should be prepared to participate actively, and not just sit and listen to lectures. Each student will participate in two group presentations on the fintech sector, at the middle and end of the semester. A group project is due at the end of the semester, detailing a fintech startup idea, an analysis of an existing fintech business, or an analysis of a fintech sector.

Justification
Justify new course and explain the nature and degree of overlap with existing courses, if applicable:

Technology is having dramatic effects on the fiancé industry as evidenced by new innovations such as crypto currencies, blockchain, robo-advisors. This class will remain up-to-date and cover technical aspects such as parallel computing and textual analysis, as well as studying the finance industry in general. This class forms part of the new proposed Data Analytics in Finance concentration, and will be taught by a tenured faculty member who is a pioneer in the field. It is possible that machine learning may be discussed but nowhere near the depth of FIN 553.

Please attach the course syllabus:

FIN 580 WANG Fin Tech Section FT2 Fall 2019.pdf

Course Information
Course Credit

Graduate:

4

Justification for Change in Graduate Credit:

To be consistent with other graduate level courses.

Registrar Use Only:

Grading Type
Letter Grade

Available for DFR:

No

Repeatability
No

Credit Restrictions
Credit Restrictions:

Credit is not given for FIN 555 and this section of FIN 580: Section FT2 (72037);

Advisory Statements

Cross-listing

Fees
No

Course Description in the Catalog Entry
This is how the above information will be represented in the Catalog:

Recent years have seen the rapid development of the fintech sector, bringing together technology and data, startups and established firms in ways that are likely to shape and disrupt financial markets going forward. This course will involve a mix of lectures, guest speakers, and class discussion of breaking developments and new ventures. Some of the fintech sectors we will discuss include consumer finance, payments, investing and trading, cryptocurrencies and blockchain, and privacy and regulatory concerns. Because of the innovative and rapidly evolving nature of the fintech sector, this class will depend heavily on student engagement and class discussion. Students should be prepared to participate actively, and not just sit and listen to lectures. Each student will participate in two group presentations on the fintech sector, at the middle and end of the semester. A group project is due at the end of the semester, detailing a fintech startup idea, an analysis of an existing fintech business, or an analysis of a fintech sector. Course Information: 4 graduate hours. No professional credit. Credit is not given for FIN 555 and this section of FIN 580: Section FT2 (72037);

Additional Course Notes

Course Detail
Frequency of course:

Every Fall

Duration of the course

Full

Anticipated Enrollment:

30

Expected distribution of student registration:

Graduate:
100 %

Professional:

N/A

Additional Course Information

Does this course replace an existing course?

No

Does this course impact other courses?

No

Does the addition of this course impact the departmental curriculum?

No

Has this course been offered as a special topics or other type of experimental course?

Yes

Please indicate the Banner subject, course number, section ID, term and enrollment for each offering:

FIN 580, CRN 72037, Section FT2, Fall 2019: enrollment: 14.

Will this course be offered on-line?

Face-to-Face

Faculty members who will teach this course:

Jialan Wang.

Course Edits Proposed by:

Jonathan T. Hall

Key: 11578

FIN 553: MACHINE LEARNING IN FINANCE

In Workflow

1. 1260 Committee Chair (gpennacc@illinois.edu)
2. 1260 Head (l-chan2@illinois.edu)
3. KM Committee Chair (dyer1@illinois.edu)
4. KM Dean (peecher@illinois.edu; mlschltz@illinois.edu)
5. Grad Dean (agrindly@illinois.edu)
6. COTE (bmclvngr@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Registrar (fms-catalog@illinois.edu)
9. Banner (fms-catalog@illinois.edu)

Approval Path

1. Fri, 04 Oct 2019 17:00:57 GMT
   George Pennacchi (gpennacc): Approved for 1260 Committee Chair
2. Fri, 04 Oct 2019 22:17:29 GMT
   Louis Chan (l-chan2): Approved for 1260 Head

New Course Proposal

Date Submitted:Fri, 04 Oct 2019 14:38:23 GMT

Viewing:FIN 553 : Machine Learning in Finance

Changes proposed by: Jonathan Hall

General Information
Proposed Effective Term:

Fall 2020

College:

Gies College of Business

Department/Unit Name (ORG Code):

Finance (1260)

Course Subject:

Finance (FIN)

Course Number:

553

Course Title:

Machine Learning in Finance

Abbreviated Title:

Machine Learning in Finance

Course Description:

Machine Learning includes the design and the study of algorithms that can learn from experience, improve their performance and make predictions. In this course students will learn the foundations of Machine Learning and explore state of the art algorithms and tools. Topics include supervised learning (neural networks, support vector machines), unsupervised learning (clustering, dimensionality reduction) and reinforcement learning (dynamic programming, Q-learning, SARSA, policy gradient methods). Applications include option pricing, portfolio selection and credit card fraud detection. Students will gain practical experience implementing these models in Python with frequently used packages such as TensorFlow.

Justification
Justify new course and explain the nature and degree of overlap with existing courses, if applicable:

Due to technological advancements, advanced computational techniques such as machine learning are becoming important techniques in the finance industry. This class will teach the fundamentals of machine learning in the finance industry. It will be taught by a tenure track professor with a strong background in the area. This class forms part of the new Data Analytics in finance concentration and is designed to be taken by MS Finance students. Some machine learning is also taught in FIN 510 but this class will go into much greater depth.

Please attach the course syllabus:

FIN580 Duarte Machine Learning .pdf

Course Information
Course Credit

Graduate:

4

Justification for Change in Graduate Credit:

To be consistent with other graduate level courses.

Registrar Use Only:

Grading Type
Letter Grade

Available for DFR:

No

Repeatability
No

Credit Restrictions
Credit Restrictions:

Credit is not given for FIN 553 and these sections of FIN 580: Section V2, (72206); V1 (72205).

Advisory Statements

Cross-listing

Fees
No

Course Description in the Catalog Entry
This is how the above information will be represented in the Catalog:

Machine Learning includes the design and the study of algorithms that can learn from experience, improve their performance and make predictions. In this course students will learn the foundations of Machine Learning and explore state of the art algorithms and tools. Topics include supervised learning (neural networks, support vector machines), unsupervised learning (clustering, dimensionality reduction) and reinforcement learning (dynamic programming, Q-learning, SARSA, policy gradient methods). Applications include option pricing, portfolio selection and credit card fraud detection. Students will gain practical experience implementing these models in Python with frequently used packages such as TensorFlow. Course Information: 4 graduate hours. No professional credit. Credit is not given for FIN 553 and these sections of FIN 580: Section V2, (72206); V1 (72205).

Additional Course Notes

Course Detail
Frequency of course:

Every Fall

Duration of the course

Full

Anticipated Enrollment:

50

Expected distribution of student registration:

Graduate:
100 %

Professional:
N/A

Additional Course Information

Does this course replace an existing course?

No

Does this course impact other courses?

No

Does the addition of this course impact the departmental curriculum?

No

Has this course been offered as a special topics or other type of experimental course?

Yes

Please indicate the Banner subject, course number, section ID, term and enrollment for each offering:

FIN 580. CRN 72205. Section V1. Fall 2019. Enrollment: 46
FIN 580. CRN 72206. Section V2. Fall 2019. Enrollment: 50

Will this course be offered on-line?

Face-to-Face

Faculty members who will teach this course:

Victor Duarte

Course Edits Proposed by:

Jonathan T. Hall

Key: 11580

FIN 552: APPLIED FINANCIAL ECONOMETRICS

In Workflow

1. 1260 Committee Chair (gpennacc@illinois.edu)
2. 1260 Head (l-chan2@illinois.edu)
3. KM Committee Chair (dyer1@illinois.edu)
4. KM Dean (peecher@illinois.edu; mlschltz@illinois.edu)
5. Grad Dean (agrindly@illinois.edu)
6. COTE (bmclvngr@illinois.edu)
7. Provost (kmartens@illinois.edu)
8. Registrar (fms-catalog@illinois.edu)
9. Banner (fms-catalog@illinois.edu)

Approval Path

1. Thu, 26 Sep 2019 00:04:51 GMT
   George Pennacchi (gpennacc): Approved for 1260 Committee Chair
2. Thu, 26 Sep 2019 03:21:06 GMT
   Louis Chan (l-chan2): Approved for 1260 Head

New Course Proposal

Date Submitted:Wed, 25 Sep 2019 20:38:17 GMT

Viewing:FIN 552 : Applied Financial Econometrics

Changes proposed by: Hanna Richmond

General Information
Proposed Effective Term:

Fall 2020

College:

Gies College of Business

Department/Unit Name (ORG Code):

Finance (1260)

Course Subject:

Finance (FIN)

Course Number:

552

Course Title:

Applied Financial Econometrics

Abbreviated Title:

Applied Financial Econometrics

Course Description:

The aim of this course is to equip students with a working knowledge of important econometric techniques necessary to understand and interpret financial market data. The course covers time-series and cross-sectional properties of asset returns, predictability of equity returns, empirical tests of asset pricing models, modelling time-varying volatility. The interplay between asset pricing theories, statistical assumptions and relevant econometric techniques is explored in the context of published empirical work, including classical papers as well as a more recent research.

Justification

Justify new course and explain the nature and degree of overlap with existing courses, if applicable:

This class will train students to analyze stock return patterns and trends using complex econometric models. These are very important skills for future investors, fund managers, and PhD students. This class forms part of the new proposed Data Analytics in Finance concentration and will be taught by a tenured faculty member who is a pioneer in the field. The class has run successfully since Fall 2018. This is a more accessible version of the well established PhD level class – FIN592 Empirical Analysis of Finance so will overlap slightly with this class.

Please attach the course syllabus:

FIN580 Kuku Applied Financial Econometrics.pdf

Course Information

Course Credit

Graduate:

4

Justification for Change in Graduate Credit:

To be consistent with other graduate level courses offered by the department.

Registrar Use Only:

Grading Type

Letter Grade

Available for DFR:

No

Repeatability

No

Credit Restrictions
Credit Restrictions:

Students cannot receive credit for FIN 552 and FIN 580 Section DK2 (72033) or FIN 580 (70390) Section DK.

Advisory Statements
FIN 511

Concurrent Enrollment Statement:

No concurrent enrollment

Cross-listing

Fees
No

Course Description in the Catalog Entry
This is how the above information will be represented in the Catalog:

The aim of this course is to equip students with a working knowledge of important econometric techniques necessary to understand and interpret financial market data. The course covers time-series and cross-sectional properties of asset returns, predictability of equity returns, empirical tests of asset pricing models, modelling time-varying volatility. The interplay between asset pricing theories, statistical assumptions and relevant econometric techniques is explored in the context of published empirical work, including classical papers as well as a more recent research. Course Information: 4 graduate hours. No professional credit. Students cannot receive credit for FIN 552 and FIN 580 Section DK2 (72033) or FIN 580 (70390) Section DK. Prerequisite: FIN 511 No concurrent enrollment

Additional Course Notes

Course Detail
Frequency of course:

Every Fall

Duration of the course

Full

Anticipated Enrollment:

25

Expected distribution of student registration:

Graduate:
100 %

Professional:

N/A

Additional Course Information

Does this course replace an existing course?

No

Does this course impact other courses?

No

Does the addition of this course impact the departmental curriculum?

No

Has this course been offered as a special topics or other type of experimental course?

Yes

Please indicate the Banner subject, course number, section ID, term and enrollment for each offering:

FIN 580 Applied Financial Econometrics
CRN: 72033 (new Fall 19), 70390
Fall 2019: 9, 12
Fall 2018: 7

Will this course be offered on-line?

Face-to-Face

Faculty members who will teach this course:

Dana Kiku

Course Edits Proposed by:

Hanna Richmond

Key: 11563

UNIVERSITY OF ILLINOIS
Urbana-Champaign ● Chicago ● Springfield

University Senates Conference
378 Henry Administration Building
506 South Wright Street
Urbana, IL 61801

December 6, 2019

Kathy Martensen
Assistant Provost for Educational Programs
206 Swanlund, MC-304

Dear Kathy:

At its meeting on December 3, the University Senates Conference approved the proposed classification of minutes of the Urbana-Champaign Senate meeting of November 11. The Class I items are listed below.

EP.20.01	Establish a Master of Veterinary Science (MVS) Degree
EP.20.03	Establish a Major in Livestock Systems Health, Master of Veterinary Science
EP.20.04	Establish a New Graduate-level Concentration Titled "Data Analytics in Finance" in the Department of Finance in the Gies College of Business
EP.20.11	Revise the Computer Science + Crop Sciences Major for the Bachelor of Science Degree, in the Department of Crop Sciences, College of ACES, and the Department of Computer Science, College of Engineering
EP.20.19	Establish Joint Program in the Department of Crop Sciences for BS/MS
EP.20.22	Proposal to rename the Illinois Program for Research in the Humanities and establish the “Humanities Research Institute” as a permanent institute
EP.20.23	Revision of the Speech and Hearing Science (SHS) Undergraduate Major
EP.20.24	Establishing a 5-year BS/MS option in the Department of Recreation, Sport and Tourism (RST)
EP.20.25	Establish a Master of Public Health in Epidemiology Major
EP.20.26	Proposal to Rescind the Restructuring of College of Veterinary Medicine PhD Programs into a Single Doctoral Program Named “Comparative Biomedical Sciences” and to Continue the Existing PhD programs in Comparative Biosciences and Pathobiology

Telephone (217) 333-3077 ● Fax (217) 244-5763

EP.20.27 Proposal to Continue the Existing PhD Programs in Comparative Biosciences

EP.20.28 Proposal to Continue the Existing PhD Programs in Pathobiology

EP.20.30 Revision of the Speech and Hearing Science (SHS) Undergraduate Major and Concentrations, BS (Neuroscience)

EP.20.31 Revision of the Speech and Hearing Science (SHS) Undergraduate Major and Concentrations, BS (Audiology)

EP.20.32 Revision of the Speech and Hearing Science (SHS) Undergraduate Major and Concentrations, BS (Language Pathology)

EP.20.33 Revision of the Speech and Hearing Science (SHS) Undergraduate Major and Concentrations (Cultural-Linguistic Diversity)

Sincerely,

Connie

Connie Sailor
Administrative Aide

c: Ellen Foran,
Renee Nagy
Julian Parrott
Jenny Roether
Nathan Wilds

Reported to the Board of Trustees
January 16, 2020

Board Meeting
January 16, 2020

PRESIDENT'S REPORT ON ACTIONS OF THE SENATES

Establish the Concentration in Data Analytics in Finance, Gies College of Business and the Graduate College, Urbana

The Urbana-Champaign Senate has approved a proposal from the Gies College of Business and the Graduate College to establish the concentration in Data Analytics in Finance. This proposed concentration will enhance graduate students' knowledge, skills, and professional opportunities related to using data analytic skills to solve business problems and effectively communicate analyses, findings, and conclusions. The concentration addresses the evolution of the field to require those entering finance and consulting jobs to include many aspects of data analytics. The Data Analytics in Finance concentration is designed to meet the large industry demand for graduates who possess the skills necessary to develop, implement, and deliver data analytics programs.

Establish the Joint Bachelor of Science in Crop Sciences and Master of Science in Crop Sciences, College of Agricultural, Consumer and Environmental Sciences and the Graduate College, Urbana

The Urbana-Champaign Senate has approved a proposal from the College of Agricultural, Consumer and Environmental Sciences and the Graduate College to establish the joint Bachelor of Science in Crop Sciences and Master of Science in Crop Sciences. The joining of these two programs will allow students to concurrently receive a Bachelor of Science and a non-thesis Master of Science in Crop Sciences over a period

of five years. The proposed joint program is targeted toward students interested in obtaining graduate training to work in crop production, biotechnology, or other related fields.

Establish the Joint Bachelor of Science in Recreation, Sport and Tourism and Master of Science in Recreation, Sport and Tourism, College of Applied Health Sciences and the Graduate College, Urbana

The Urbana-Champaign Senate has approved a proposal from the College of Applied Health Sciences and the Graduate College to establish the joint Bachelor of Science in Recreation, Sport and Tourism and Master of Science in Recreation, Sport and Tourism. The proposed program will create an accelerated path for undergraduates in Recreation, Sport and Tourism to pursue a master's degree. This will provide an option for current bachelor's students who know by the beginning of their junior year that they want to complete a professional Master of Science in Recreation, Sport and Tourism. As the demand for continuing education and master's-level education in recreation, sport, and tourism fields increases, the proposed five-year, joint degree program will provide students the knowledge and skills to be competitive for careers in these fields.

Establish the Concentration in Law and Policy in the Master of Jurisprudence, UIC John Marshall Law School, Chicago

The Chicago Senate with the recommendation of the UIC John Marshall Law School, has approved the establishment of the Concentration in Law and Policy in the Master of Jurisprudence.

Currently, candidates pursuing the Master of Jurisprudence (MJ) must complete one of seven concentrations (i.e., employee benefits, estate planning, intellectual property law, international business and trade law, privacy and technology law, real estate law, and tax law). An eighth concentration in law and policy provides a path for students to complete the MJ that is not as highly focused as the existing concentrations. It also serves as a complement for UIC students looking to supplement their previous degrees with a program that provides an effective introduction to the U.S. legal system and to policy questions embedded in the law. The MJ requires 30 hours, and has a common core of two courses in legal analysis and a substantive law overview. The remaining coursework is comprised of required and elective courses unique to each concentration. The Concentration in Law and Policy requires the MJ core, two required courses in contracts and administrative law, two selective courses in public law, two selective courses in private law, and electives as needed to reach 30 hours.

Establish the Undergraduate Campus Certificate in Polish Language, College of Liberal Arts and Sciences, Chicago

The Chicago Senate with the recommendation of the College of Liberal Arts and Sciences, has approved the establishment of the Undergraduate Campus Certificate in Polish Language.

The certificate is open to undergraduates in all colleges, and provides students interested in developing intermediate to advanced language proficiency in Polish with the opportunity to certify their acquisition of those language skills. Students with basic listening, oral, and writing skills, as taught in the beginning-level courses, can

satisfy the requirements of the certificate by completing five existing courses (17 hours): intermediate Polish I and II, advanced Polish through media and film, advanced Polish through contemporary culture, and advanced Polish through short stories. The certificate will train students to meet the need of city and state agencies, industry, business, healthcare providers, and educational institutions for advanced speakers of Polish to service the large population of Polish immigrants.

Establish the Undergraduate Campus Certificate in Russian Language, College of Liberal Arts and Sciences, Chicago

The Chicago Senate with the recommendation of the College of Liberal Arts and Sciences, has approved the establishment of the Undergraduate Campus Certificate in Russian Language.

The certificate is open to undergraduates in all colleges, and provides students interested in developing intermediate to advanced language proficiency in Russian with the opportunity to certify their acquisition of those language skills. Students with basic listening, oral, and writing skills, as taught in the beginning-level courses, can satisfy the requirements of the certificate by completing five existing courses (17 hours): intermediate Russian I and II, advanced Russian through media and film, advanced Russian through contemporary culture, and advanced Russian through short stories. The certificate will train students to meet city and state needs for advanced speakers of Russian to service a sizeable population of Russian immigrants. Further, given the global importance of modern Russia geopolitically and economically, students interested in fields such as political science, international relations, and economics

identify Russian language skills as important to their academic and professional development.

Revise the Bachelor of Science in Medical Laboratory Science, College of Liberal Arts and Sciences, Springfield

The Springfield Senate with the recommendation of the College of Liberal Arts and Sciences has approved a revision of the curriculum of the Bachelor of Science in Medical Laboratory Science (MLS).

The MLS curriculum has not been significantly revised since the degree program was established in 1973. The proposed changes to the curriculum include: restructuring, expansion, and equal distribution of major MLS content areas throughout the junior and senior years; incorporation of new content areas relevant to the professional landscape; certification exam preparation; and research in MLS. The proposed revisions do not affect the total number of credit hours required for the major and the curriculum will continue to meet the standards of the National Accrediting Agency for Clinical Laboratory Science (NAACLS). The strategic design and purposeful delivery of the proposed revision will enhance student learning, optimize programmatic outcome measures, and better reflect current professional MLS practice.

UNIVERSITY OF ILLINOIS SYSTEM

Office of the Executive Vice President/Vice President for Academic Affairs
377 Henry Administration Building
506 South Wright Street
Urbana, IL 61801

Julian Parrott
Assistant Vice President for Academic Affairs

January 17, 2020

To: Sophia Gehlhausen Anderson
Gretchen Lohman

From: Julian Parrott

Subject: Program Activity Annual Listing 2019-2020

At its meeting on January 16, 2020, the Board of Trustees of the University of Illinois approved the following items.

Urbana

- Eliminate PhD in Comparative Biomedical Sciences (CIP Code 26.0102)*
- Establish Concentration in Data Analytics in Finance (CIP Code 27.0305)
- Establish Joint BS in Crop Sciences & MS in Crop Sciences (CIP Code 01.1102)*
- Establish Joint BS in Recreation, Sport & Tourism and MS in Recreation, Sport & Tourism (CIP Code 31.0101)*

Chicago

- Rename MS in Rehabilitation Sciences (CIP Code 51.2314)*
- Reorganize & Consolidate Department of Health Sciences Education & Department of Pathology (CIP Code 26.0910)*
- Establish Concentration in Law & Policy in Master of Jurisprudence (CIP Code 22.0201)
- Redesignate & Revise Certificate in Health Information Management (CIP Code 51.0706)
- Establish Undergraduate Campus Certificate in Polish Language (CIP Code 16.0407)
- Establish Undergraduate Campus Certificate in Russian Language (CIP Code 16.0402)

Springfield

- Revise BS in Medical Laboratory Science (CIP Code 51.1005)

*Note: This will impact program inventory.

Please let me know if you have any questions.

BA/JP/ba
Attachment
C: Robert Barish
Cecilia Cornell
Kimberly Craig
Laura Dorman
Amy Edwards
Aisha El-Amin
Ellen Foran
William Hayward
Kathy Johnson
Kristi Kuntz
Chris Lehman
Kathy Martensen
Cathy Menacher
Jessica Mette
Kim Midden
Margaret Moser
Ken Mulliken
Renee Nagy
Emily Stuby
Nathan Wilds
Aubrey Williams
Barbara Wilson
Dana Wright

Annual Listing
Board of Trustees Meeting
16-Jan-2020

Action	College	University	Short Description	CIP Code
Eliminate PhD in Comparative Biomedical Sciences	Veterinary Medicine & Graduate College	UIUC	Faculty senate approved on 10/10/2016 unifying all Vet Med PhD programs into single "Comparative Biomedical Sciences."	26.0102
Redesignate & Revise Certificate In Health Information Management	Applied Health Sciences & Graduate College	UIC	Transition current post-baccalaureate certificate to MS in Health Information Management degree.	51.0706
Rename MS in Rehabilitation Sciences	Applied Health Sciences & Graduate College	UIC	Rename as MS in Healthspan Promotion & Rehabilitation	51.2314
Reorganize & Consolidate Department of Health Sciences Education & Department of Pathology	Medicine at Peoria	UIC	Merging Pathology Department with Department of Health Sciences Education and retitling: "The Department of Health Sciences Education and Pathology."	26.0910
Establish concentration in Data Analytics in Finance	Business & Graduate College	UIUC	Designed to enhance graduate students' knowledge, skills, & professional opportunities related to using data analytic skills to solve business problems & effectively communicate analyses, findings, & conclusions. Requires students to complete twelve graduate hours of coursework.	27.0305
Establish Concentration in Law & Policy in Master of Jurisprudence	JMLS	UIC	Provide path for students seeking to complete a master's degree in law that is not highly focused on one of the existing concentrations.	22.0201
Establish Joint BS in Crop Sciences & MS in Crop Sciences	ACES & Graduate College	UIUC	Students will obtain both degrees following the completion of 146 hours -- 126 for B.S. degree & 32 hours for M.S. degree, minus 12 of those hours which will be applied to both degrees. Will allowing students to concurrently receive a B.S. & a non-thesis l\tf.S. in Crop Sciences over a period of five years. Targeted toward students interested in graduate training to work in crop production, biotechnology, or other related fields.	01.1102
Establish Joint BS in Recreation, Sport & Tourism and MS in Recreation, Sport & Tourism	Applied Health Sciences & Graduate College	UIUC	5-year BS/MS option for professional track students. This option would create an accelerated path for RST undergraduate majors who are interested in pursuing a MS in RST.	31.0101
Revise BS in Medical Laboratory Science	LAS	UIS	Major curriculum revision to improve program outcomes, reduce regular use of petitions, refine curricular content, and logically name & number professional phase courses.	51.1005
Establish Undergraduate Campus Certificate in Polish Language	LAS	UIC	In addition to developing fundamental listening, oral & writing skills, undergrads will be required to take advanced-level courses that will solidify grammar knowledge, correct orthography, writing skills & facilitate reading of complex texts in Polish.	16.0407

Establish Undergraduate Campus Certificate in Russian Language	LAS	UIC	In addition to developing fundamental listening, oral & writing skills, undergrads will be required to take advanced-level courses that will solidify grammar knowledge, correct orthography, writing skills & facilitate reading of complex texts in Russian.	16.0402

Stuby, Emily Ann

From: tomcat@webprod2.admin.uillinois.edu
Sent: Tuesday, January 21, 2020 8:52 AM
To: AITS Codebook Instructional Revisions
Subject: 10KS5244MS MS: Financial Engineering - Change Program Notification

Change Program Notification

Comment
UIUC: Program code 10KS5244MS (MS: Financial Engineering) updated to reflect addition of floating concentration 5877 (Data Analytics in Finance). Approved by the Senate 11/11/2019, BOT 01/16/2020, and IBHE 01/17/2020. Please consider any rules or tables that may be affected.

For the specific changes made to the Program record, please refer to the University Of Illinois Codebook Application. Click on the following link to enter Codebook:
https://webprod.admin.uillinois.edu/codebook/jsp/instruct_code_create.jsp?id=6517

Entity	Banner Code	Legacy Code	Description
Program	10KS5244MS		MS: Financial Engineering
Degree	MS		Master of Science
Major Dept	545		Engineering Courses
Major	5244		Financial Engineering
Rule-Based (Floating) Concentration	5511		Computational Sci & Engr
Rule-Based (Floating) Concentration	5877		Data Analytics in Finance
Curriculum			
Department	545		Engineering Courses
School	KP0		Grainger Engineering
Dept College	KP		Grainger Engineering
Admin	B1		Academic Units
Campus	100		Urbana-Champaign Campus
Admitting College	KS	26	Graduate College

Related Dates:

Code Eff Date	Code Term Date	Record Eff Date	Record Exp Date
12/08/2009		01/21/2020	

Other Related Data:

Banner Max Approver		
Legacy Degree Granting College/Dept		
Legacy Advising College/Dept		
Student Level/Course Level	1G	1G
Approved Differential Tuition/Admissions On (Y/N)	Y	Y

From: AITS ESC Student Configuration
Sent: Tuesday, January 21, 2020 11:27 AM
To: AITS Student Configuration Notification
Cc: AITS ESC Student Configuration
Subject: Academic Structure Configuration

Hello,

The following academic structure changes were made in BANPROD today, January 21, 2020.

Changed Program Codes for UIUC:
10KS5624MS - MS: Finance ◆ UIUC
10KS5624MSK - MS: Finance Cost Rec ◆ UIUC
10KS5244MS - MS: Financial Engineering - UIUC
**Added floating concentration 5877 (Data Analytics in Finance) effective 120201 to the above programs

Please consider reports, Slate, SZAWVAL and other areas of impact from this addition/change.

Please review the setup of these changes and respond to stuconfig@uillinois.edu if there are any issues.

Thanks,

Deborah Bramowicz
University of Illinois System
AITS Enterprise Systems Coordination Team
dbramowi@uillinois.edu
217.300.0475

Stuby, Emily Ann

From: tomcat@webprod2.admin.uillinois.edu
Sent: Tuesday, January 21, 2020 8:44 AM
To: AITS Codebook Instructional Revisions
Subject: 10KS5624MSK MS: Finance Cost Rec - UIUC - Change Program Notification

Change Program Notification

Comment
UIUC: Program code 10KS5624MSK (MS: Finance Cost Rec - UIUC) updated to reflect addition of floating concentration 5877 (Data Analytics in Finance). Approved by the Senate 11/11/2019, BOT 01/16/2020, and IBHE 01/17/2020. Please consider any rules or tables that may be affected.

For the specific changes made to the Program record, please refer to the University Of Illinois Codebook Application. Click on the following link to enter Codebook:
https://webprod.admin.uillinois.edu/codebook/jsp/instruct_code_create.jsp?id=6516

Entity	Banner Code	Legacy Code	Description
Program	10KS5624MSK		MS: Finance Cost Rec - UIUC
Degree	MS		Master of Science
Major Dept	260		Finance
Major	5624		Finance
Major Concentration	5466		Accountancy
Major Concentration	5467		Business and Public Policy
Major Concentration	5468		Corp Governance & Int Business
Major Concentration	5469		Info Technology and Control
Rule-Based (Floating) Concentration	5877		Data Analytics in Finance
Curriculum			
Department	260		Finance
School	KM0		Gies College of Business
Dept College	KM		Gies College of Business
Admin	B1		Academic Units
Campus	100		Urbana-Champaign Campus
Admitting College	KS	26	Graduate College

Related Dates:

Code Eff Date	Code Term Date	Record Eff Date	Record Exp Date
08/28/2017		01/21/2020	

Other Related Data:

Banner Max Approver		
Legacy Degree Granting College/Dept		

Legacy Advising College/Dept		
Student Level/Course Level	1G	1G
Approved Differential Tuition/Admissions On (Y/N)	Y	Y

Stuby, Emily Ann

From: tomcat@webprod2.admin.uillinois.edu
Sent: Tuesday, January 21, 2020 8:42 AM
To: AITS Codebook Instructional Revisions
Subject: 10KS5624MS MS: Finance - UIUC - Change Program Notification

Change Program Notification

Comment
UIUC: Program code 10KS5624MS (MS: Finance - UIUC) updated to reflect addition of floating concentration 5877 (Data Analytics in Finance). Approved by the Senate 11/11/2019, BOT 01/16/2020, and IBHE 01/17/2020. Please consider any rules or tables that may be affected.

For the specific changes made to the Program record, please refer to the University Of Illinois Codebook Application. Click on the following link to enter Codebook:
https://webprod.admin.uillinois.edu/codebook/jsp/instruct_code_create.jsp?id=6515

Entity	Banner Code	Legacy Code	Description
Program	10KS5624MS		MS: Finance - UIUC
Degree	MS		Master of Science
Major Dept	260		Finance
Major	5624		Finance
Major Concentration	5466		Accountancy
Major Concentration	5467		Business and Public Policy
Major Concentration	5468		Corp Governance & Int Business
Major Concentration	5469		Info Technology and Control
Rule-Based (Floating) Concentration	5877		Data Analytics in Finance
Curriculum			
Department	260		Finance
School	KM0		Gies College of Business
Dept College	KM		Gies College of Business
Admin	B1		Academic Units
Campus	100		Urbana-Champaign Campus
Admitting College	KS	26	Graduate College

Related Dates:

Code Eff Date	Code Term Date	Record Eff Date	Record Exp Date
08/28/2017		01/21/2020	

Other Related Data:

Banner Max Approver		
Legacy Degree Granting College/Dept		

Legacy Advising College/Dept		
Student Level/Course Level	1G	1G
Approved Differential Tuition/Admissions On (Y/N)	Y	Y

UNIVERSITY OF ILLINOIS SYSTEM

Office of the Executive Vice President/Vice President for Academic Affairs
377 Henry Administration Building
506 South Wright Street
Urbana, IL 61801

Julian Parrott
Assistant Vice President for Academic Affairs

February 17, 2020

To: Andreas C. Cangellaris
Dennis Papini
Susan Poser

From: Julian Parrott

Subject: Program Activity Annual Listing 2019-2020

The following program changes, which were approved by the University of Illinois Board of Trustees on January 16, 2020, were reported to the Illinois Board of Higher Education on January 17, 2020.

Urbana

- Eliminate PhD in Comparative Biomedical Sciences
- Establish Concentration in Data Analytics in Finance
- Establish Joint BS in Crop Sciences & MS in Crop Sciences
- Establish Joint BS in Recreation, Sport & Tourism and MS in Recreation, Sport & Tourism

Chicago

- Rename MS in Rehabilitation Sciences
- Reorganize & Consolidate Department of Health Sciences Education & Department of Pathology
- Establish Concentration in Law & Policy in Master of Jurisprudence
- Redesignate & Revise Certificate in Health Information Management

Springfield

- Revise BS in Medical Laboratory Science

The changes are effective immediately. Please let me know if you have any question.

BA/JP/ba
Attachments
C: Robert Barish
Cecilia Cornell
Kimberly Craig
Laura Dorman
Amy Edwards
Aisha El-Amin
Ellen Foran
William Hayward
Kathy Johnson
Kristi Kuntz
Chris Lehman
Kathy Martensen
Cathy Menacher
Jessica Mette
Margaret Moser
Ken Mulliken
Renee Nagy
Emily Stuby
Nathan Wilds
Aubrey Williams
Barbara Wilson
Dana Wright

UNIVERSITY OF ILLINOIS SYSTEM

Office of the Executive Vice President/Vice President for Academic Affairs
377 Henry Administration Building
506 South Wright Street
Urbana, IL 61801

Julian Parrott
Assistant Vice President for Academic Affairs

REVISED

January 17, 2020

To: Sophia Gehlhausen Anderson
Gretchen Lohman

From: Julian Parrott

Subject: Program Activity Annual Listing 2019-2020

At its meeting on January 16, 2020, the Board of Trustees of the University of Illinois approved the following items.

Urbana

- Eliminate PhD in Comparative Biomedical Sciences (CIP Code 26.0102)*
- Establish Concentration in Data Analytics in Finance (CIP Code 27.0305)
- Establish Joint BS in Crop Sciences & MS in Crop Sciences (CIP Code 01.1102)*
- Establish Joint BS in Recreation, Sport & Tourism and MS in Recreation, Sport & Tourism (CIP Code 31.0101)*

Chicago

- Rename MS in Rehabilitation Sciences (CIP Code 51.2314)*
- Reorganize & Consolidate Department of Health Sciences Education & Department of Pathology (CIP Code 26.0910)*
- Establish Concentration in Law & Policy in Master of Jurisprudence (CIP Code 22.0201)
- Redesignate & Revise Certificate in Health Information Management (CIP Code 51.0706)

Springfield

- Revise BS in Medical Laboratory Science (CIP Code 51.1005)

*Note: This will impact program inventory.

Please let me know if you have any questions.

BA/JP/ba
Attachment
C: Robert Barish
Cecilia Cornell
Kimberly Craig
Laura Dorman
Amy Edwards
Aisha El-Amin
Ellen Foran
William Hayward
Kathy Johnson
Kristi Kuntz
Chris Lehman
Kathy Martensen
Cathy Menacher
Jessica Mette
Kim Midden
Margaret Moser
Ken Mulliken
Renee Nagy
Emily Stuby
Nathan Wilds
Aubrey Williams
Barbara Wilson
Dana Wright

Telephone (217) 333-3079 • Fax (217) 244-4770

Annual Listing
Board of Trustees Meeting
16-Jan-2020

Action	College	University	Short Description	CIP Code
Eliminate PhD in Comparative Biomedical Sciences	Veterinary Medicine & Graduate College	UIUC	Faculty senate approved on 10/10/2016 unifying all Vet Med PhD programs into single "Comparative Biomedical Sciences."	26.0102
Redesignate & Revise Certificate In Health Information Management	Applied Health Sciences & Graduate College	UIC	Transition current post-baccalaureate certificate to MS in Health Information Management degree.	51.0706
Rename MS in Rehabilitation Sciences	Applied Health Sciences & Graduate College	UIC	Rename as MS in Healthspan Promotion & Rehabilitation	51.2314
Reorganize & Consolidate Department of Health Sciences Education & Department of Pathology	Medicine at Peoria	UIC	Merging Pathology Department with Department of Health Sciences Education and retitling: "The Department of Health Sciences Education and Pathology."	26.0910
Establish concentration in Data Analytics in Finance	Business & Graduate College	UIUC	Designed to enhance graduate students' knowledge, skills, & professional opportunities related to using data analytic skills to solve business problems & effectively communicate analyses, findings, & conclusions. Requires students to complete twelve graduate hours of coursework.	27.0305
Establish Concentration in Law & Policy in Master of Jurisprudence	JMLS	UIC	Provide path for students seeking to complete a master's degree in law that is not highly focused on one of the existing concentrations.	22.0201
Establish Joint BS in Crop Sciences & MS in Crop Sciences	ACES & Graduate College	UIUC	Students will obtain both degrees following the completion of 146 hours -- 126 for B.S. degree & 32 hours for M.S. degree, minus 12 of those hours which will be applied to both degrees. Will allowing students to concurrently receive a B.S. & a non-thesis I\tf.S. in Crop Sciences over a period of five years. Targeted toward students interested in graduate training to work in crop production, biotechnology, or other related fields.	01.1102
Establish Joint BS in Recreation, Sport & Tourism and MS in Recreation, Sport & Tourism	Applied Health Sciences & Graduate College	UIUC	5-year BS/MS option for professional track students. This option would create an accelerated path for RST undergraduate majors who are interested in pursuing a MS in RST.	31.0101
Revise BS in Medical Laboratory Science	LAS	UIS	Major curriculum revision to improve program outcomes, reduce regular use of petitions, refine curricular content, and logically name & number professional phase courses.	51.1005