

Attachment 1**Faculty Senate meeting, 10-8-19 Consent Agenda - Course Proposals****Committee Faculty Senate****Notes**

These course proposals were approved at the college level and Graduate Council (where needed) and were approved by the Faculty Senate Academic Affairs committee during their September meetings.

KIN 657 is part of this agenda, but could not be attached to this Curriculog agenda:
<https://kstate.curriculog.com/proposal:3287/form>

The FS Executive Committee approved placement of these proposals on the FS agenda. Once approved they will be moved on to the final implementation stage. These are course proposals and therefore do not need KBOR approval.

To view a course proposal, with markup, you must choose "view proposal" (not just the summary) and then in the right hand column under "User Tracking" you must select "show current with markup" from the drop down options.

Total Proposals 8**AP - 780 - Introduction to Nanomedicine****Course Form - New****General Catalog Information (NEW)****Contact person for this proposal*** Matthew Basel**Department*** Anatomy and Physiology**Subject*** AP**Catalog Number*** 780**Long Course Title*** Introduction to Nanomedicine**Short Title*** Intro to Nanomedicine

Course Description* This course is a brief introduction to nanomaterials and nanomedicine with a focus on clinical applications of nanotechnology. The course presents basic principles of nanotechnology; current clinical applications of nanomedicine; future horizons in nanomedicine.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* The use of nanotechnology in medicine is a rapidly growing field. Both human and veterinary medicine has already started to introduce nanomedicine based treatments and the number of nanotechnology based treatments is poised to grow rapidly in the future. Students of veterinary medicine should have the opportunity to be exposed to the concepts of nanomedicine so that they are able to incorporate this growing field into their future carriers.

Impact Statement (i.e. if this impacts another unit)* Sent e-mail to Dr. Higgins, chair of the Chemistry Department on 3/4/2019 to notify him of this proposal
and he approved on 3/20/2019 by e-mail.

“Hi Matt,

I visited with Stefan about this and I am now more comfortable that the focus will be largely on the clinical side. I have no objections. Best of luck with this!

Dan

Daniel Higgins, PhD”

Projected Term* **2202 Spring 2020**

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)

Note

| | |
|---|--|
| Requisites (Prerequisite, Corequisite, Recommended Prerequisite) | |
| Cross-listed | |
| K-State 8 Tag 1 | K-State 8 Tag 2 |
| Rationale for K-State 8 tag | |
| Typically Offered* | Spring |
| Grading Basis* | <input checked="" type="radio"/> Graded <input type="radio"/> Graded-IH (Exempt) <input type="radio"/> Credit/No Credit <input type="radio"/> Student Option (Graded and APassF) <input type="radio"/> Student Option-IH (Graded and APassF; Exempt) |
| Note: Choose "Exempt" option <u>only</u> if grade of Incomplete will <u>never</u> convert to F | |
| Course Titles* | <input checked="" type="checkbox"/> Title May Not Vary <input type="checkbox"/> Vary by Section <input type="checkbox"/> Vary by Student |
| Course Attributes | |
| Primary Component* | LEC-Lecture |
| Other required components | |
| Will one or more sections of this course be offered as distance education? | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Course syllabus attached? | <input checked="" type="checkbox"/> Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM) |
| For Veterinary Medicine courses only: Course is | <input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate |

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)
- Multicultural Overlay

Routing (NEW)

Does your department have a Department Curriculum Committee?* Yes No

For Acalog Use Only (NEW)**Course Type****Status** Active Inactive**Actual Effective Term****KSIS****Acalog-Undergraduate****Acalog-Graduate****DARS****Global Campus****Requisite Processing****Implementation**

Form Revised: 7-15-2018

COT - 405 - Methods of Problem Solving for Integrated Professional Studies

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Teresa Hartman

Department* School of Integrated Studies

Subject* COT

Catalog Number* 405

Long Course Title* Methods of Problem Solving for Integrated Professional Studies

Short Title* Problem Solving for IPS

Credit Hours/ Units* 3

Course Description* Practice in applying creative problem solving methods to a selection of problems solicited from multiple disciplines. Analysis of student solutions will examine similarities and difference between disciplines with regard to strategic exploration, identifying and validating constraints, testing assumptions, defending choices and approaches, and making decisions. Cases are deliberately chosen such that conventional solutions are not immediately apparent, where procedural algorithms and instructional troubleshooting scripts are inadequate or unavailable, and for which exact solutions might not actually exist.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* It is common practice in a variety of disciplines casually to refer to all assigned pedagogical exercises as “problems,” leading students from different disciplines to hold broadly differing expectations and appreciations with regard to what constitutes problem-solving skills. In an integrated curriculum, it is necessary to disambiguate and highlight those particularly useful skills that may transfer between disciplines to build a larger shared understanding of problem-solving.

(i.e. if this impacts another unit)* No impact on units.

Projected Term*

2202 Spring 2020

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)

Prerequisite: Junior Standing

Cross-listed

K-State 8 Tag 1

Empirical and
Quantitative
Reasoning

K-State 8 Tag 2

Rationale for
K-State 8 tag

Problem-solving requires evaluating available information in order to make decisions about. The ability to examine and describe relationships among concepts and ideas using logical reasoning (based on observed, intuitive, scientific, theoretical and other forms of data) allows individuals to solve problems across a variety of situations.

Typically Offered*

Spring

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

Vary by Student

Course Attributes

Primary Component*

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached? Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

Undergraduate

Graduate

Veterinary Medicine

For Arts and Sciences courses only

Fine Arts

Western Heritage

Literary

Social Science

Natural Sciences

Physical Sciences

Quantitative

International Overlay

General Education (i.e. K-State 8)

Multicultural Overlay

Routing (NEW)

Does your department have a Department Curriculum Committee?* Yes No

For Acalog Use Only (NEW)

| |
|---|
| |
| Status <input type="radio"/> Active <input type="radio"/> Inactive |
| Actual Effective Term |
| KSIS |
| Aalog-Undergraduate |
| Aalog-Graduate |
| DARS |
| Global Campus |
| Requisite Processing |
| Implementation Notes |

Form Revised: 7-15-2018

CS - 743 - 3rd Year Clinical Skills II

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Dr. Elizabeth Davis or Kate Drew krdrew@vet.k-state.edu 532-4890

Department* Clinical Sciences

Subject* CS

Catalog Number* 743

Long Course Title* 3rd Year Clinical Skills II

Short Title* 3rdYRClinical Skills II

Credit Hours/ Units* 0.5

Course Description* Demonstration, instruction and experience in physical examination and diagnostic skills necessary for routine veterinary practice.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* A continuation of CS 742 3rd Year Clinical Skills I which is offered in the Fall. CS 743 will be the Spring Semester 0.5 credit.

Impact Statement (i.e. if this impacts another unit)* Impact Report for CS 743

There are no results for this report.

Projected Term* 2212 Spring 2021

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)

Prerequisite: Third-year standing in the College of Veterinary Medicine.

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Spring

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

LAB-Laboratory

Other required components

Will one or more sections of this course be offered as distance education?

- Yes No

attached?

**For Veterinary
Medicine courses
only: Course is
offered for types
of credit**

Undergraduate
 Graduate
 Veterinary Medicine

**For Arts and
Sciences courses
only**

Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)
 Multicultural Overlay

Routing (NEW)

**Does your
department have
a Department
Curriculum
Committee?***

Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

**Actual Effective
Term**

KSIS

**Acalog-
Undergraduate**

Acalog-Graduate

DARS

| |
|-----------------------------|
| Requisite Processing |
| Implementation Notes |

Form Revised: 7-15-2018

CS - 898 - MS Report in Clinical Sciences

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* T.G. Nagaraja

Department*

Subject*

Catalog Number* 898

Long Course Title* MS Report in Clinical Sciences

Short Title* MS Report in CS

Credit Hours/ Units* 1-2

Course Description* A written report of either a laboratory-based research, a field-based research, or a review paper on a topic in the major field.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* The MS degree in VBS has the option for a graduate student to submit a report as a requirement to obtain the degree. Currently, only the Department of Anatomy and Physiology has a MS report course (AP898). In the past, graduate students in CS who have opted a Report option have enrolled in CS 899, which is for Research in CS. This course will allow MS students to enroll, if they choose the Report option.

Impact Statement (i.e. if this impacts another unit)* **Impact Report for CS 898**

There are no results for this report.

Projected Term*

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)

Prerequisite: Consent of the major professor

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Fall, Spring, Summer

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Student

Course Attributes

Primary Component*

RSH-Research

Other required components

**course be offered
as distance
education?**

Course syllabus attached? Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

**For Veterinary
Medicine courses
only: Course is
offered for types
of credit** Undergraduate
 Graduate
 Veterinary Medicine

**For Arts and
Sciences courses
only** Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)
 Multicultural Overlay

Routing (NEW)

**Does your
department have
a Department
Curriculum
Committee?*** Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

**Actual Effective
Term**

KSIS

**Acalog-
Undergraduate**

| |
|-----------------------------|
| DARS |
| Global Campus |
| Requisite Processing |
| Implementation Notes |

Form Revised: 7-15-2018

DMP - 898 - MS Report in Pathobiology

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Brandy Nowakowski

Department* College of Veterinary Medicine

Subject* DMP

Catalog Number* 898

Long Course Title* MS Report in Pathobiology

Short Title* MS Report in Patho

Credit Hours/ Units* 2

Course Description* A written report of either a laboratory-based research, a field-based research, or a review paper on a topic in the major field.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale*

RATIONALE: The MS degree in VBS has the option for a graduate student to submit a report as a requirement to obtain the degree. Currently, only the Department of Anatomy and Physiology has a MS report course (AP898). In the past, graduate students in DM/P who have opted a Report option have enrolled in DMP 899, which is for Research in Pathobiology. This course will allow MS students to enroll, if they choose the Report option.

Impact Statement (i.e. if this impacts another unit)*

Impact (i.e. if this impacts another college/unit): NONE

Projected Term*

2202 Spring 2020

Need help? See deadlines <http://www.k-state.edu/curriculog/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)

Prerequisite: Consent of the major professor

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Fall, Spring, Summer

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
-

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

- Course Titles*** Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component* **IND-Independent Study**

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached? Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit Undergraduate
 Graduate
 Veterinary Medicine

For Arts and Sciences courses only Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)
 Multicultural Overlay

Routing (NEW)

Does your department have a Department Curriculum Committee? Yes No *

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

Actual Effective Term

KSIS

Acalog-Undergraduate

Acalog-Graduate

DARS

Global Campus

Requisite Processing

Implementation Notes

Form Revised: 7-15-2018

MANGT - 661 - Logistics and Warehouse Management

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Bill Turnley, turnley@k-state.edu, 532-6296

Department* Management

Subject* MANGT

Catalog Number* 661

Long Course Title* Logistics and Warehouse Management

Short Title* Logist/Ware Mgmt

Credit Hours/ Units* 03

Course Description* Examines current issues and strategies in logistics and warehouse management. Topics include carrier management problems and opportunities, carrier selection, transportation costing, the economic characteristics of various transportation modes, location problems, and material handling.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* The Operations and Supply Chain Management curriculum is being revised to align with the industry-standard Supply Chain Operations Reference (SCOR) model. Three core courses—Procurement and Supply Chain Design (MANGT 662), Supply Chain Planning and Control (MANGT 660), and Logistics and Warehouse Management (MANGT 661) - now cover the SOURCE-MAKE-DELIVER framework in the SCOR model. The revised curriculum will prepare OSCM students for a wide range of positions across the supply chain profession.

unit)*

Projected Term*

2202 Spring 2020

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

**Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)**

Prerequisite: MANGT 421

Cross-listed

K-State 8 Tag 1

Empirical and
Quantitative
Reasoning

K-State 8 Tag 2

Rationale for K-State 8 tag

More than 40 percent of the course content requires an in-depth understanding and comprehensive knowledge of statistical and data analysis techniques along with their application to the problems in managing logistics and/or warehouse systems.

Typically Offered*

Fall or Spring

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
- Vary by Section
- Vary by Section

Course Attributes

Primary Component*

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached? Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)
- Multicultural Overlay

Routing (NEW)

Does your department have a Department Curriculum Committee?* Yes No

For Acalog Use Only (NEW)

Course Type

| |
|---|
| Status <input type="radio"/> Active <input type="radio"/> Inactive |
| Actual Effective Term |
| KSIS |
| Acalog-Undergraduate |
| Acalog-Graduate updated. je |
| DARS |
| Global Campus |
| Requisite Processing |
| Implementation Notes |

Form Revised: 7-15-2018

MANGT - 663 - Supply Chain Analytics

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Bill Turnley, turnley@k-state.edu, 532-6296

Department* Management

Subject* MANGT

Catalog Number* 663

Long Course Title* Supply Chain Analytics

Short Title* SC Analytics

Credit Hours/ Units* 03

Course Description* The objective of this course is to introduce models and tools to effectively manage a supply chain that purchase, produce, and distribute products. Topics include: forecasting, production and logistics, and inventory management. We illustrate the effectiveness of these models and tools using real-life cases and examples drawn from diverse industries.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* The Operations and Supply Chain Management curriculum is being revised to align with the industry-standard Supply Chain Operations Reference (SCOR) model. Three core courses – Procurement and Supply Chain Design (MANGT 662), Supply Chain Planning and Control (MANGT 660), and Logistics and Warehouse Management (MANGT 661) - now cover the SOURCE-MAKE-DELIVER framework in the SCOR model. The revised curriculum will prepare OSCM students for a wide range of positions across the supply chain profession.

Impact Statement (i.e. if this) No units outside the College of Business are impacted.

Projected Term*

2202 Spring 2020

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>**More Catalog Information (NEW)****Note****Repeat for Credit****Requisites
(Prerequisite,
Corequisite,
Recommended
Prerequisite)**

Prerequisite: MANGT 421

Cross-listed**K-State 8 Tag 1**Empirical and
Quantitative
Reasoning**K-State 8 Tag 2****Rationale for
K-State 8 tag**

Q: This class will analyze data sets to provide meaningful insights. More than 40 percent of the course content requires an in-depth understanding and comprehensive knowledge of statistical and data analysis techniques along with their application to various supply chain problems.

Typically Offered*

Fall or Spring

Grading Basis*

- Graded
- Graded-IH (Exempt)
- Credit/No Credit
- Student Option (Graded and APassF)
- Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F**Course Titles***

- Title May Not Vary
- Vary by Section
- Vary by Student

Primary Component*

Other required components

Will one or more sections of this course be offered as distance education? Yes No

Course syllabus attached? Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

For Veterinary Medicine courses only: Course is offered for types of credit

- Undergraduate
- Graduate
- Veterinary Medicine

For Arts and Sciences courses only

- Fine Arts
- Western Heritage
- Literary
- Social Science
- Natural Sciences
- Physical Sciences
- Quantitative
- International Overlay
- General Education (i.e. K-State 8)
- Multicultural Overlay

Routing (NEW)

Does your department have a Department Curriculum Committee?* Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

| |
|----------------------------------|
| Term |
| KSIS |
| Acalog- Undergraduate |
| Acalog-Graduate |
| DARS |
| Global Campus |
| Requisite Processing |
| Implementation Notes |

Form Revised: 7-15-2018

VCS - 902 - Shelter Operations Consultation

Course Form - New

General Catalog Information (NEW)

Contact person for this proposal* Dr. Alyssa Comroe or Kate Drew krdrew@vet.k-state.edu

Department* Clinical Sciences

Subject* VCS

Catalog Number* 902

Long Course Title* Shelter Operations Consultation

Short Title* Shelter Consultation

Credit Hours/ Units* 1

Course Description* This rotation will expose veterinary students to formal shelter consultation procedures. Students will learn how to take a critical look at the health of animal shelters to identify what is being done well and what needs to be improved. Students will also learn how to formulate recommendations in a way that does not overwhelm the administration of the shelters and can easily be implemented in a stepwise fashion.

Need help? See [Course Description Guidelines](#)

Rationale and Impact (NEW)

Rationale* VCS 902 Shelter Operations Consultation will expand the student's knowledge upon the business side of the Shelter Medicine Service.

Impact Statement (i.e. if this impacts another unit)* Impact Report for VCS 902 There are no results for this report.

Need help? See deadlines <http://www.k-state.edu/curriculum/deadlines/index.html>

More Catalog Information (NEW)

Note

Repeat for Credit

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)

Pre-requisite: VCS 937 Shelter Medicine and 4th Year Standing in the College of Veterinary Medicine

Cross-listed

K-State 8 Tag 1

K-State 8 Tag 2

Rationale for K-State 8 tag

Typically Offered*

Fall, Spring, Summer

Grading Basis*

- Graded
 Graded-IH (Exempt)
 Credit/No Credit
 Student Option (Graded and APassF)
 Student Option-IH (Graded and APassF; Exempt)

Note: Choose "Exempt" option only if grade of Incomplete will never convert to F

Course Titles*

- Title May Not Vary
 Vary by Section
 Vary by Student

Course Attributes

Primary Component*

FLD-Field Experience

Other required components

**course be offered
as distance
education?**

Course syllabus attached? Course syllabus (required by colleges of AS, BA, ED, EN, HE, VM)

**For Veterinary
Medicine courses
only: Course is
offered for types
of credit** Undergraduate
 Graduate
 Veterinary Medicine

**For Arts and
Sciences courses
only** Fine Arts
 Western Heritage
 Literary
 Social Science
 Natural Sciences
 Physical Sciences
 Quantitative
 International Overlay
 General Education (i.e. K-State 8)
 Multicultural Overlay

Routing (NEW)

**Does your
department have
a Department
Curriculum
Committee?*** Yes No

For Acalog Use Only (NEW)

Course Type

Status Active Inactive

**Actual Effective
Term**

KSIS

**Acalog-
Undergraduate**

| |
|-----------------------------|
| DARS |
| Global Campus |
| Requisite Processing |
| Implementation Notes |

Form Revised: 7-15-2018