Attachment 1

FS Executive Committee, 09-24-19 Course Proposals

Committee	Faculty Senate Executive Committee

Notes

The following course proposals, if approved, will move forward to the October 8 Faculty Senate meeting for final approval. They will then be moved forward to the implementation stage.

Course KIN 657 is included with the courses on this agenda for action but was not able to be placed on agenda: https://kstate.curriculog.com/proposal:3287/form

Total Proposals	9

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
Credit Hours/ Units*	1
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.

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/curriculog/deadlines/index.html

More Catalog Information (NEW)

| Note | |

| Repeat for Credit | No |

| 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*	⦿ 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* | LEC-Lecture |

| Other required components | |

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

| Course syllabus | ☑ 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

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.

Impact Statement (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/curriculog/deadlines/index.html**

More Catalog Information (NEW)

Note	

Repeat for Credit	

Requisites (Prerequisite, Corequisite, Recommended Prerequisite)	Prerequisite: Junior Standing

Cross-listed	

Empirical and Quantitative Reasoning

| 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*
- ☑ Title May Not Vary
- ☐ Vary by Section
- ☐ 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? ◯ 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)

Curriculum Committee? *

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

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

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

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

Actual Effective Term	
KSIS	
Acalog-Undergraduate	
Acalog-Graduate	
DARS	
Global Campus	
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*	`Clinical Sciences`

Subject*	`CS`	**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*	`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**

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 <u>only</u> if grade of Incomplete will <u>never</u> convert to F

Course Titles* ☑ Title May Not Vary

☐ Vary by Section

☐ Vary by Student

Course Attributes

Primary Component* `RSH-Research`

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 ○ Active ○ Inactive	
Actual Effective Term	
KSIS	
Acalog-Undergraduate	
Acalog-Graduate	
DARS	
Global Campus	
Requisite Processing	
Implementation Notes	

Form Revised: 7-15-2018

DMP - 840 - Public Health Practice

Course Form - Change

General Catalog Information (CHANGE)

IMPORTANT: Import course information

Click the Import icon above

Select catalog

Select "Prefix" in the "Or Add Filter" drop down

Enter Prefix (subject area)

Select "Code" in the "Add Another Filter" drop down

Enter Code (course number)

Click "Search Available Curriculum'

Select desired course

Click "Import this Item"

Select Non-Expedited changes requested	☐ Course number changes outside same level (LD=0-299; UD=300-699; GR1=700-899; GR2=900-999)
	☐ Significant course title or description updates that change primary content of course
	☐ Adding or changing a K-State 8 tag
	☐ Dividing a course into two or more courses
	☐ Combining two or more courses into one course
	☐ Change in delivery method/components (lec, seminar, etc)
	☐ Prerequisite change that impacts another college
	☑ Other change that impacts another college
Expedited or Non-Expedited?*	⦿ Non-Expedited Process (if selected one of the changes above)
	◯ Expedited Process (minimal change that does NOT include any of the above)
Contact person for this proposal*	Ellyn Mulcahy or Stephanie Freeman

IMPORTANT:

Do NOT change imported course information until proposal is launched.

Go to "Rationale and Impact" section next

Department*	Diagnostic Medicine/Pathobiology

Subject*	DMP	**Catalog Number***	840

Long Course Title*	Public Health Practice

Short Title (provide if title changed above)	

Credit Hours/ Units*	3-6

Course Description*	Supervised field experience in an international, state, local, or district health agency or other appropriate health agency.

Need help? See Course Description Guidelines

Rationale and Impact (CHANGE)

Rationale ⁕   Update of name only, all other information and requirements remain the same. Update in name to match national accreditation standards. Current accreditation language includes "public health practice." Updating name will avoid confusion during accreditation process and going forward with the program.

IMPORTANT: Run impact report

Click the Impact icon above

Copy and paste the results in the field below

Impact Report ⁕

Crosslisted:	
	DMP 840 - Public Health Field Experience
	FDSCI 840 - Public Health Field Experience
	FNDH 840 - Public Health Field Experience
	KIN 840 - Public Health Field Experience
Programs	**Kinesiology (Ph.D.)**
	Master of Public Health (M.P.H.)
	Pathobiology (Ph.D.)

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

FDSCI as per Dr. Smith is OK with this change.

FNDH as per Dr. Haub is OK with this change.

KIN as per Dr. Harms is OK with this change.

DMP faculty OK with this change as per vote on November 15 in department faculty meeting.

MPH Course and Curriculum Update – November 2018, Effective Summer 2019
Documentation of Interdisciplinary faculty support.
MPH Faculty Vote: November 5 to November 16, 2018
⌧ Proposal sent to 56 MPH Graduate faculty for review and vote was collected via Qualtrics with
three questions:
Q1. Update to MPH name from Public Health Field Experience to Public Health Practice
Q2. Add DMP 814-Veterinary Bacteriology and Mycology Lecture (3) to the IDZ approved
courses.
Q3. Move AAI 801 Interdisciplinary Process to the IDZ elective course list.
⌧ All three proposal items were approved by 71% (40/56) of the faculty voting. All that voted
supported the proposal.
Notification of other affected units.
MPH 840 name update.
November 5: E-mails sent to Food Safety (Scott Smith); Food Nutrition Dietetics and Health
(Mark Haub); Kinesiology (Criag Harms) for faculty vote.
You are receiving this e-mail because MPH 840 is cross listed with a course in your department. Please review, have
your faculty vote, and send me an e-mail concerning the proposal item listed below.

> MPH 840
> NAME UPDATE: MPH 840. Public Health Field Experience to Public Health Practice.
> RATIONALE: National accreditation standards do not use the term "field experience." Current accreditation language includes "public health practice." Updating the name will avoid confusion during the accreditation process and going forward with the program.
> EFFECTIVE DATE: Summer 2019

Responses from other affected units.

Dr. Haub: Supports proposal.

I just got done with an Academic Affairs meeting where we voted on and passed the name change for MPH 840. This course is cross listed in DMP as well and we need to have a proposal in Curriculog go through all the steps for an interdisciplinary course to make this happen. Since we already voted as a department and college on the MPH name change we are good to push through those approvals in Curriculog and not vote again. There are three other departments that also need to make this happen rather quickly or they may need to have the cross-listing dropped as to not hold up the MPH name change, which I believe they need for accreditation. I believe the DMP proposal could be closely modeled after the MPH Curriculog proposal. Let me know if you have any questions about this. thanks

Kelli Almes | DVM | DACVP

Director | Client Services
Kansas State Veterinary Diagnostic Laboratory

Projected Term*	2202 Spring 2020

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

More Catalog Information (CHANGE)

IMPORTANT:

Do NOT change imported course information until proposal is launched

Go to "Routing" section next

Note	
Repeat for Credit	May be taken more than once, but only 6 hours may be applied toward the MPH degree.
Requisites (Prerequisite, Corequisite, Recommended Prerequisite)	Prerequisite: Enrollment in MPH Program.
Cross-listed	HN 840, MPH 840

K-State 8 Tag 1	K-State 8 Tag 2

Rationale for K-State 8 tag	
Typically Offered	Fall, Spring, Summer

OPTIONAL: After launch, update the following fields only if changes are required

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

Course Titles	☐ Title May Not Vary
	☐ Vary by Section
	☐ 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

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 (CHANGE)

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

WARNING: Review Expedited/Non-expedited selections

Go to the top of the form and review the Expedited/Non-expedited decision before launching this form. Review impact report, impact statement and requisites to be sure. Incorrect decisions will delay your proposal. If you need assistance, contact your college curriculum representative.

Expedited/Non-Expedited Review*	☑ I have reviewed the Expedited/Non-expedited decision

IMPORTANT: Launch the proposal

Click the Launch icon above ▶

The proposal moves to the Originator step

Then make change to course information fields above

For Acalog Use Only (CHANGE)

Course Type	Pathobiology

Actual Effective Term	
KSIS	
Acalog-Undergraduate	
Acalog-Graduate	
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

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*

> 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

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.

Impact Statement (i.e. if this impacts another unit) *	No unit outside the College of Business will be impacted.

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: MANGT 421

Cross-listed	

| | Empirical and Quantitative Reasoning | |

| **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 Student

Course Attributes

| **Primary Component*** | LEC-Lecture |

| **Other required components** | ACT |

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	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 impacts another unit) *	No units outside the College of Business are impacted.
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: MANGT 421
Cross-listed	

> **Empirical and Quantitative Reasoning**

| 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

Course Attributes

| Primary Component* | LEC-Lecture |

| Other required components | REC |

| 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

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.

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)	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

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
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- ☐ 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	⚪ Active ⚪ Inactive
Actual Effective Term	
KSIS	
Acalog-Undergraduate	
Acalog-Graduate	
DARS	
Global Campus	
Requisite Processing	
Implementation Notes	

Form Revised: 7-15-2018