

## Attachment 2

### Academic Affairs

#### Consent Agenda Supplemental Information - Curriculum Proposals

**Faculty Senate Review – June 11, 2019 Meeting**

***In order by College, not by the Curriculum Agenda***

<https://kstate.curriculog.com/agenda:728/form>

## Architecture, Planning and Design

### **Master of Interior Architecture and Product Design (M.I.A.P.D.) (post-baccalaureate track)**

**Rationale:** The Department of Interior Architecture & Product Design has proposed a new Master of Industrial Design curriculum. As part of the process to develop the new curriculum, the department has conducted a review and determined synergies between the two programs. In order to capitalize on these synergies and to operate in a cost effective manner, a few modifications to the PB M IAPD are required. This did result in the addition of 1 undergraduate credit hour required for degree completion.

**Impact Statement:** No impact outside APDesign.

**Transition Plan:** New course are being added instead of course changes being implemented in line with synergies identified between this program and the newly proposed NB Master of Industrial Design so as not to burden students enrolled in the current program.

<b>Contact person(s) for this proposal:</b> Nathan Howe, <a href="mailto:nhowe@ksu.edu">nhowe@ksu.edu</a> , 2-5992
<b>Program Name:</b> Post-Baccalaureate Master of Interior Architecture & Product Design

CHANGE FROM:	CHANGE TO:
<b>SUMMER STUDY</b> ENVD 201    Environmental Design Studio I            4 ENVD 202    Environmental Design Studio II            4 ENVD 203    Survey of Design Professions            1 <span style="float: right; border-top: 1px solid black; padding-top: 2px;">9</span>	<b>SUMMER STUDY</b> ENVD 201    Environmental Design Studio I            4 ENVD 202    Environmental Design Studio II            4 ENVD 203    Survey of Design Professions            1 <span style="float: right; border-top: 1px solid black; padding-top: 2px;">9</span>
<b>FIRST SEMESTER</b> IAPD 307    IAPD Design Studio I            5 IAPD 248    Fundamentals of Arch Technology            3 IAPD 409    Materials & Finishes            3 IAPD 430    Visual Communication            2 ARCH 350    History of the Designed Environ III            3 <span style="float: right; border-top: 1px solid black; padding-top: 2px;">16</span>	<b>FIRST SEMESTER</b> IAPD 307    IAPD Design Studio I            5 IAPD 248    Fundamentals of Arch Technology            3 IAPD 409    Materials & Finishes            3 IAPD 430    Visual Communication <b>I</b> 2 ARCH 350    History of the Designed Environ III            3 <span style="color: red;">IAPD 456</span> <span style="color: red;">Intro to Product/Industrial Design</span> 2 <span style="float: right; border-top: 1px solid black; padding-top: 2px; color: red;">18</span>
<b>SECOND SEMESTER</b> IAPD 320    IAPD Design Studio II            5 <span style="color: red;">IAPD 456</span> <span style="color: red;">Intro to Product/Industrial Design</span> 2 <span style="color: red;">IAPD 210</span> <span style="color: red;">Introduction to Digital Applications</span> 1 ARCH 347    Structural Systems in Architecture I            4 ARCH 433    Building Construction Syst in Arch I            3 <span style="float: right; border-top: 1px solid black; padding-top: 2px; color: red;">15</span>	<b>SECOND SEMESTER</b> IAPD 320    IAPD Design Studio II            5 <span style="color: red;">IAPD 431</span> <span style="color: red;">Visual Communication II</span> 2 ARCH 347    Structural Systems in Architecture I            4 ARCH 433    Building Construction Syst in Arch I            3 <span style="float: right; border-top: 1px solid black; padding-top: 2px; color: red;">14</span>
<b>THIRD SEMESTER</b> IAPD 310    Digital Applications            2	<b>THIRD SEMESTER</b> IAPD 310 <span style="color: red;">IAPD</span> Digital Applications            2

IAPD 435	IAPD Design Studio III	5	IAPD 435	IAPD Design Studio III	5
ARCH 413	Environmental Systems in Arch I	4	ARCH 413	Environmental Systems in Arch I	4
ARCH 448	Structural Systems in Architecture II	4	ARCH 448	Structural Systems in Architecture II	4
<b>IAPD 811</b>	<b>Design Research</b>	<b>2</b>	<b>IAPD 811</b>	<b>Design Research</b>	<b>2</b>
		<u>18</u>			<u>18</u>
FOURTH SEMESTER			FOURTH SEMESTER		
IAPD 407	Design Workshop I	3	IAPD 407	Design Workshop I	3
IAPD 412	Design Workshop I Studio	1	IAPD 412	Design Workshop I Studio	1
IAPD 440	IAPD Design Studio IV	5	IAPD 440	IAPD Design Studio IV	5
ARCH 514	Environmental Systems in Arch II	3	ARCH 514	Environmental Systems in Arch II	3
IAPD 625	Lighting <del>in IAPD</del>	3	IAPD 625	Lighting	3
IAPD 628	Building Construction Systems IA	3	IAPD 628	Building Construction Systems IA	3
		<u>18</u>			<u>18</u>
SUMMER SEMESTER II			SUMMER SEMESTER II		
<b>IAPD 801</b>	<b>IAPD Design Studio 5</b>	<b>5</b>	<b>IAPD 801</b>	<b>IAPD Design Studio 5</b>	<b>5</b>
<del>IAPD 802</del>	<del>Design Workshop II</del>	<del>3</del>	<del>IAPD 602</del>	<del>Design Workshop II</del>	<del>3</del>
<del>IAPD 803</del>	<del>Design Workshop II</del>	<del>1</del>	<del>IAPD 603</del>	<del>Design Workshop II</del>	<del>1</del>
		<u>9</u>			<u>9</u>
FIFTH SEMESTER			FIFTH SEMESTER		
IAPD 416	History of Furniture	3	IAPD 416	History of Furniture	3
IAPD 753	Pro Prac: Professional Responsibility	1	IAPD 753	Pro Prac: Professional Responsibility	1
IAPD 754	Pro Prac: Office Practices	1	IAPD 754	Pro Prac: Office Practices	1
IAPD 755	Pro Prac: Discipline-Specific Topics	1	IAPD 755	Pro Prac: Discipline-Specific Topics	1
<b>IAPD 810</b>	<b>IAPD Capstone Studio</b>	<b>5</b>	<b>IAPD 810</b>	<b>IAPD Capstone Studio</b>	<b>5</b>
<b>IAPD 813</b>	<b>Furniture Design Workshop Studio</b>	<b>1</b>	<b>IAPD 813</b>	<b>Furniture Design Workshop Studio</b>	<b>1</b>
<b>IAPD 814</b>	<b>Furniture Design Workshop</b>	<b>3</b>	<b>IAPD 814</b>	<b>Furniture Design Workshop</b>	<b>3</b>
<b>IAPD 815</b>	<b>Advanced Studio Programming</b>	<b>2</b>	<b>IAPD 815</b>	<b>Advanced Studio Programming</b>	<b>2</b>
		<u>17</u>			<u>17</u>
SIXTH SEMESTER			SIXTH SEMESTER		
<del>IAPD 822</del>	<del>Advanced Product Design Studio</del>	<del>6</del>	or IAPD 823	Advanced <u>Interior Architecture</u> Design Studio	6
or IAPD 823	Advanced IA Design Studio	6	or IAPD 824	Advanced Furniture Design Studio & Workshop	6
or IAPD 824	Advanced Furniture Design Studio & Workshop	6	IAPD 891	Contemporary Design Seminar	3
IAPD 891	Contemporary Design Seminar	3			<u>9</u>
		<u>9</u>			<u>9</u>

Undergraduate Hours **79**  
 Graduate Hours 31  
 Total (MIAPD) Degree Requirement **110**  
 Notes

Total credit hours required for graduate school program of study is 31. These courses are required in the graduate program: IAPD 801, IAPD 802, IAPD 803, IAPD 810, IAPD 813, IAPD 814, IAPD 815, IAPD 891, and IAPD 822 or IAPD 823 or IAPD 824.

The following courses (or their equivalents) must be completed prior to entry in the post-baccalaureate track: MATH 100 and PHYS 113 or PHYS 115.

Undergraduate Hours **80**  
 Graduate Hours 31  
 Total (MIAPD) Degree Requirement **111**  
 Notes

Total credit hours required for graduate school program of study is 31. These courses are required in the graduate program: IAPD 801, IAPD 802, IAPD 803, IAPD 810, IAPD 813, IAPD 814, IAPD 815, IAPD 891, and IAPD 822 or IAPD 823 or IAPD 824.

The following courses (or their equivalents) must be completed prior to entry in the post-baccalaureate track: MATH 100 and PHYS 113 or PHYS 115.

## Arts and Sciences

### **Technical Writing and Professional Communication Graduate Certificate**

Rationale: The Graduate Certificate currently requires students to take a minimum of one course from outside the student's home discipline. We propose to drop this requirement.

---Rationale: the availability of eligible elective courses outside of English in any semester is not guaranteed, which can delay student's completion of the certificate. Dropping this requirement will ensure students can complete the certificate in a timely manner.

The Graduate Certificate currently lists two alternative required courses: ENGL 759 and AGCOM 810. We propose to change the status of AGCOM 810 from "required" course to "elective."

--Rationale: AGCOM 810 focuses on the *practice* of scientific communication, rather than the *theories* of technical and scientific communication like ENGL 759 "Studies in Technical Communication," the other required course. With its focus on practice, AGCOM 810 aligns with the courses currently listed as "elective" options. Changing the status of AGCOM 810 from "required" to "elective" will ensure that students acquire the necessary theoretical grounding in technical and scientific communication by taking ENGL 759 as a required course while still including AGCOM 810 as an option for completion of the certificate.

Impact Statement: Changing AGCOM 810 from a required course to an elective course may have a marginal impact on enrollment in AGCOM 810. It should be noted, however, that only 4 of 84 students who have completed the certificate to date have used AGCOM 810 as their required course.

EMAIL:

Re: AGCOM 810 & Graduate Certificate

Karin Westman <westmank@ksu.edu>

Fri 2/1/2019 4:44 PM

Sent Items

To: Jason Ellis <jdellis@ksu.edu>;

Cc: Anne Longmuir <longmuir@ksu.edu>;

Many thanks, Jason!

We'll look forward to listing AGCOM 810 as an elective and to seeing it in the rotation.

Best wishes,

Karin

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Karin E. Westman

Department Head & Associate Professor

Department of English, Kansas State University

108 English / Counseling Services Building

Manhattan, KS 66506

westmank@ksu.edu ~ 785.532.2171 <http://www.ksu.edu/english/westmank>

At 02:36 PM 2/1/2019, Jason Ellis wrote:  
Karin,

Thanks for asking about your proposed change to the technical writing certificate. AGCOM 810 has been a solid course for us to offer to graduate students in and beyond the college of agriculture. Faculty changes in recent years have interrupted its offering, but our goal is to get it back on track. While I appreciate it being listed as required, I understand your rationale for moving it to elective status. We do not object to your change.

Best, Jason

=====

Jason D. Ellis, Ph.D. Kansas State University 785-532-5804

jdellis@ksu.edu

From:

Karin Westman <westmank@ksu.edu>

Date: Thursday, January 31, 2019 at 2:33 PM

To: Jason Ellis <jdellis@ksu.edu>

Cc: Anne Longmuir <longmuir@ksu.edu>

Subject: AGCOM 810 & Graduate Certificate

Hi Jason,

I hope your spring semester is off to a good start!

Here in English, we have been reviewing the courses associated with our Graduate Certificate in Technical Writing and Professional Communication < <https://www.k-state.edu/english/programs/techwriting/courses.html> >, and we would like to shift the designation of AGCOM 810 to the category of an "elective" course.

Right now, it serves as one of two courses that grad students can take to fulfill the "Writing" course requirement for the certificate. However, we feel that it is better suited as an elective option.

Here are the rationale and impact statement that we've drafted for the curriculum change form:

Rationale:

The Graduate Certificate currently requires to students to take a minimum of one course from outside the student's home discipline. We propose to drop this requirement.

-- Rationale: The availability of eligible elective courses outside of English in any semester is not guaranteed, which can delay student's completion of the certificate. Dropping this requirement will ensure students can complete the certificate in a timely manner.

The Graduate Certificate currently lists two alternative required courses: ENGL759 and AGCOM 810.

We propose to change the status of AGCOM 810 from a required course to an elective.

--Rationale: AGCOM 810 focuses on the practice of scientific communication, rather than the theories of technical and scientific communication like ENGL 759 Studies in Technical Communication, the other required course. With its focus on practice, AGCOM 810 aligns with the courses currently listed as "elective" options. Changing the status of AGCOM 810 from "required" to "elective" will ensure that students acquire the necessary theoretical grounding in technical and scientific communication by taking ENGL 759 as a required course while still including AGCOM 810 as an option for completion of the certificate.

Impact (i.e. if this impacts another unit) – Statement should include the date when the head of a unit was contacted, and the response or lack of: Changing AGCOM 810 from a required course to an elective course may have a marginal impact on enrollment for AGCOM 810. It should be noted, however, that only 4 of 84 students who have completed the certificate to date have used AGCOM 810 as their required course.

Our graduate faculty have approved this change, but, before we submit the paperwork, we wanted to confirm that you and your faculty supported this adjustment, too.

Could you let me know your thoughts by next Wednesday (Feb 6)?

With thanks in advance,

Karin

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Karin E. Westman  
Department Head & Associate Professor  
Department of English, Kansas State University  
108 English / Counseling Services Building Manhattan, KS 66506  
westmank@ksu.edu ~ 785.532.2171 <http://www.ksu.edu/english/westmank>

### **Certificate Requirements**

The certificate recognizes the multiple demands of written, oral, and digital communication in the workplace, as well as the interdisciplinary character of writing and communication studies in the academy. Thus, while centered on writing, the certificate also includes course options in rhetoric, communication, design, digital media, speech, and group dynamics. It emphasizes the rich theoretical and rhetorical principles that govern effective communication across a range of contexts as well as the pragmatic skills needed in the workplace.

The certificate requires four courses (12 credits) in two categories: one in writing and three in electives. A

### **Certificate Requirements**

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The certificate requires four courses (12 credits) in two categories: one in writing and three in electives. A

minimum of one course must be taken from outside the student's home discipline.

Students map out a coherent plan of study with the certificate coordinator for submission to the Graduate School. The structure of the certificate is flexible enough so that most students, with advance planning, can pursue it without impeding regular degree progress.

To complete the certificate, students must submit sample work from their courses to be evaluated by graduate faculty in the area of Technical Communication.

### **Courses for the Graduate Certificate in Technical Writing and Professional Communication**

The certificate requires four courses (12 credits) from among the categories below. A minimum of one course must be taken from outside the student's home discipline.

#### **Writing**

[Students choose one]

#### **ENGL 759 Studies in Technical Communication**

Discusses the history, current debate, and future of technical communication, introduces the fundamental theories and pedagogies of the discipline, and engages students in producing technical communication products.

#### **AGCOM 810 Science Communication**

Focuses on written, visual, and oral communications course for scientists. Attention is focused on literature reviews, scientific papers, graphics, poster presentations, and oral paper presentations.

#### **Related Electives**

[Students choose three]

#### **AGCOM 610 - Crisis Communication**

Focuses on effective crisis communication practices and techniques.

#### **AGCOM 712 Environmental Communication**

Combines theoretical discussions with practical

~~minimum of one course must be taken from outside the student's home discipline.~~

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### **Courses for the Graduate Certificate in Technical Writing and Professional Communication**

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#### **Writing**

[Students choose one]

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#### **Related Electives**

[Students choose three]

#### **AGCOM 610 - Crisis Communication**

Focuses on effective crisis communication practices and techniques.

#### **AGCOM 712 Environmental Communication**

Combines theoretical discussions with practical experience regarding communications about environmental issues and provides introduction to

experience regarding communications about environmental issues and provides introduction to natural and applied science topics related to the communications plan.

**COMM 726 Seminar in Persuasion**

Surveys and analyzes advanced theory and experimental studies in persuasion.

**COMM 730 Classical Rhetorical Theory**

Looks at rhetorical theory and criticism from early Greek to Roman times.

**COMM 733 Rhetorical Criticism**

Studies traditional and contemporary approaches to the analysis of public discourse.

**COMM 734 Rhetoric of Social Movements**

Studies the theory and criticism of social movement rhetoric. Topics may include the development of and controversies in the rhetorical study of movements, and the rationale for protest tactics, from nonviolence to terrorism.

**EDACE 786 Topics/Grant Writing**

Helps educators identify potential sources of funding, leverage current resources, and write creative proposals to transform innovative ideas into sound practices in education. The course emphasizes best grant writing practices and the principles that lead to funded proposals.

**ENGL 665 Advanced Creative Writing: Nonfiction**

Encourages advanced writing of prose creative nonfiction.

**ENGL 685 Topics in Rhetoric and Composition**

Addresses topics not confined to a single period in a national literature. Specific course content will vary by semester and instructor. It may emphasize cross-national subjects, literary criticism, the development of a theme or genre over time, new perspectives from social, intellectual, or cultural studies, or non-traditional texts and topics. Each semester's offerings will be described more specifically in university and department publications before each enrollment period.

**ENGL 753 - Rhetorical/Composition Theory**

Examines foundational theories in rhetoric and composition.

natural and applied science topics related to the communications plan.

**AGCOM 810 Science Communication**

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**ENGL 753 - Rhetorical/Composition Theory**

Examines foundational theories in rhetoric and composition.

**ENGL 755 Studies in Composition and Rhetoric**

Examines the history of public discourse, the controversy of rhetoric, and the historical development of the art of persuasion. You will also look at what is being said today within these three major arenas.

**ENGL 756 Business Communication**

Focuses on writing and communication in the business context.

**ENGL 758 Scientific Writing**

Focuses on writing and communication in the scientific context.

**ENGL 765 Creative Writing Workshop: Creative Nonfiction**

Encourages advanced writing of creative nonfiction.

**ENGL 797 Internship in Professional Writing**

Focuses on faculty-supervised professional experience, emphasizing application of writing skills in professional contexts. Student projects must be approved by on-site supervisor and faculty supervisor. Report must be submitted at the end of the semester.

**MC 750 Strategic Health Communications**

Examines the role of effective communication in health promotion and behavior change.

**MC 760 Communication and Risk**

Promotes understanding of strategic communication and media as tools to prepare, mitigate, and respond to threats to public health and safety.

**MC 765 Communication Theory**

Provides an examination of major communication theories as they relate to mass communications.

Note: ENGL 510, AGCOM 590, ART 575, COMM 526, and MANGT 520 no longer count towards the Graduate Certificate Technical Writing and Professional Communication as a result of changes to the regulations governing Graduate Certificate Programs. See the [Graduate Handbook Chapter 4 B.2](#) for more information.

**ENGL 755 Studies in Composition and Rhetoric**

Examines the history of public discourse, the controversy of rhetoric, and the historical development of the art of persuasion. You will also look at what is being said today within these three major arenas.

**ENGL 756 Business Communication**

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# Business Administration

## Management (B.S.)

Contact person: Anna Salas

Program name: Operations and Supply Chain Management

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. The proposed changes include a revised curriculum for the OSCM track, development of two new courses – Logistics and Warehouse Management (MANGT 661) and Supply Chain Analytics (MANGT 663)—and changes to the course descriptions for Introduction to Operations and Supply Chain Management (MANGT 421) and Procurement and Supply Chain Design (MANGT 662). Two non-management courses (ECON 631 and MKTG 545) are being dropped to make room for the new course additions. In addition, MANGT 652 is no longer offered and is therefore being dropped as an option.

Impact statement: Please see attached statements from the Economics (12/12/2018) and Marketing (12/12/2018) departments.

<b>Operations and Supply Chain Management (OSCM) Emphasis (21 credit hours)</b>	<b>Operations and Supply Chain Management (OSCM) Emphasis (21 credit hours)</b>
<p><i>Major Field requirements (12 credit hours)</i></p> <ul style="list-style-type: none"><li>• <a href="#">MANGT 520 - Organizational Behavior</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 521 - Managerial Decision Analytics</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 660 - Supply Chain Planning and Control</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 662 - Procurement, Logistics and Supply Chain Design</a> <b>Credits: 3</b></li></ul> <p><i>Select 9 credit hours from:</i></p> <ul style="list-style-type: none"><li>• <del><a href="#">ECON 631 - Principles of Transportation</a> <b>Credits: 3</b></del></li><li>• <a href="#">MANGT 522 - Operations Planning and Control</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 541 - Management of Quality</a> <b>Credits: 3</b></li><li>• <del><a href="#">MANGT 652 - Constraint Management and Continuous Improvement</a> <b>Credits: 3</b></del></li></ul>	<p><i>Major Field requirements (15 credit hours)</i></p> <ul style="list-style-type: none"><li>• <a href="#">MANGT 520 - Organizational Behavior</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 521 - Managerial Decision Analytics</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 660 - Supply Chain Planning and Control</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 661 - Logistic and Warehouse Management</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 662 - Procurement, Logistics and Supply Chain Design</a> <b>Credits: 3</b></li></ul> <p><i>Select 9 credit hours from:</i></p> <ul style="list-style-type: none"><li>• <a href="#">MANGT 522 - Operations Planning and Control</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 541 - Management of Quality</a> <b>Credits: 3</b></li><li>• <a href="#">MANGT 653 - Business Project Management</a> <b>Credits: 3</b></li></ul>

<ul style="list-style-type: none"> <li>• <a href="#">MANGT 653 - Business Project Management</a> <b>Credits: 3</b></li> <li>• <a href="#">MIS 665 - Business Analytics and Data Mining</a> <b>Credits: 3</b></li> <li>• Or</li> <li>• <a href="#">MIS 670 - Social Media Analytics and Web Mining</a> <b>Credits: 3</b></li> <li>• <del><a href="#">MKTG 545 - Marketing Channels</a> <b>Credits: 3</b></del></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">MANGT 663 – Supply Chain Analytics</a> <b>Credits: 3</b></li> <li>• <a href="#">MIS 665 - Business Analytics and Data Mining</a> <b>Credits: 3</b></li> <li>• or</li> <li>• <a href="#">MIS 670 - Social Media Analytics and Web Mining</a> <b>Credits: 3</b></li> </ul>
<p><b>Economics Electives (3 credit hours)</b></p>	<p><b>Economics Electives (3 credit hours)</b></p>
<p><i>Notes: Economics electives must be selected from economics course offerings numbered 500 or above (excluding <a href="#">ECON 505</a> ) in consultation with the student’s academic advisor.</i></p> <p><i>Economics electives may not overlap with economics courses used to fulfill another requirement within the management major.</i></p> <ul style="list-style-type: none"> <li>• Economics elective <b>Credits: 3</b></li> </ul>	<p><i>Notes: Economics electives must be selected from economics course offerings numbered 500 or above (excluding <a href="#">ECON 505</a> ) in consultation with the student’s academic advisor.</i></p> <p><i>Economics electives may not overlap with economics courses used to fulfill another requirement within the management major.</i></p> <ul style="list-style-type: none"> <li>• Economics elective <b>Credits: 3</b></li> </ul>
<p><b>Unrestricted electives (<del>21</del> credit hours)</b></p>	<p><b>Unrestricted electives (<u>18</u> credit hours)</b></p>
<p>Any course numbered 100-level or above offered for credit by a university department. Students are strongly encouraged to use their unrestricted electives to complete for-credit experiential learning opportunities, such as internships, community service/engagement, and study abroad.</p>	<p>Any course numbered 100-level or above offered for credit by a university department. Students are strongly encouraged to use their unrestricted electives to complete for-credit experiential learning opportunities, such as internships, community service/engagement, and study abroad.</p>

Dear Bill:

We are sorry to learn that OSCM is removing ECON 631 - Principles of Transportation from the list of major field electives.

Best Regards,

Philip

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Philip G. Gayle, Ph.D.

Professor of Economics & Department Head

Kansas State University

Department of Economics

322 Waters Hall

Manhattan, KS 66506-4001

Phone: 785-532-4581 

Fax: 785-532-6919 

e-mail: [gaylep@ksu.edu](mailto:gaylep@ksu.edu)

Personal website: <http://www-personal.ksu.edu/~gaylep/>

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**From:** Bill Turnley  
**Sent:** Wednesday, December 12, 2018 8:32 AM  
**To:** Philip Gayle  
**Subject:** Re: Operations and Supply Chain Management Curriculum Change

Hi Dr. Gayle:

I hope finals week is going well.

Can we get your okay or comments on this proposed change?

Thanks.

Bill Turnley

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**From:** Bill Turnley  
**Sent:** Friday, December 7, 2018 6:44:41 PM  
**To:** Philip Gayle  
**Subject:** Operations and Supply Chain Management Curriculum Change

Hi Dr Gayle:

We are revising the OSCM curriculum to try to better align with current industry practice and needs.

As part of that process, we have introduced a few new OSCM courses and are proposing changes to the electives for the OSCM major.

The major change involving Economics would be removing ECON 631 - Principles of Transportation from the list of major field electives now that we can offer a course that focuses more directly on OSCM. Can I assume that your department is comfortable with that change?

The proposed change does not affect any required courses related to ECON and most students are already taking electives from courses in management.

Please let me know if you will support this change.

I have outlined the changes below and also attached the full version of the proposed changes that discusses why we are updating the major.

Also, here is the rationale for the removal of the 3 courses from the list of electives (1 mangt, 1 econ, 1 marketing):

- Deletion of MANGT 552: This course has not been offered quite some time.
- Deletion of ECON 631: New OSCM course (MANGT 661: Logistics and Warehouse Management) will more directly address the topic from an OSCM perspective.
- Deletion of MKTG: This course was included to OSCM electives when we did not have enough elective options. The OSCM track is now able to offer additional OSCM electives (MANGT 661 and 663). This course also has not been offered quite some time.

Thanks.

Bill

From:

BAPP Requirements 45 hrs

Business Core 30 hrs

OSCM Major Courses 21 hrs

Major Field Requirements 12 hrs

MANGT 520 Org Behavior 3

MANGT 521 Mgt Dec Analyt 3

MANGT 660 SC Plann & Contr 3

MANGT 662 Proc Log & Design 3

Major Field Electives 9 hrs

MANGT 522 Oper Plann & Contr 3

MANGT 541 Mangt Quality 3

MANGT 652 Constraint Mangt 3

MANGT 653 Project Mmgt 3

MIS 665 Bus Anaytics & Data Mn 3 OR MIS 670 Social Media Analytic 3

ECON 631 Prin of Transport 3

MKTG 545 Mktg Channel 3

Economics Electives 3 hrs

Unrestricted Electives 21 hrs

Total 120 hrs

To:

BAPP Requirements 45 hrs

Business Core 30 hrs

OSCM Major Courses 24 hrs

Major Field Requirements 15 hrs

MANGT 520 Org Behavior 3

MANGT 521 Mgt Dec Analyt 3  
MANGT 660 SC Plann & Contr 3  
MANGT 661 Logist & Ware Mgt 3  
MANGT 662 Proc & SC Design 3

Major Field Electives 9 hrs  
~~MANGT 522 Oper Plann & contr 3~~  
MANGT 541 Mangt Quality 3  
MANGT 652 Constraint Mangt 3  
MANGT 653 Project Mmgt 3  
MANGT 663 SC Analytics 3  
MIS 665 Bus Analyt & Data Mng 3 OR MIS 670 Social Media Analytic 3  
~~ECON 631 Prin of Transport 3~~  
~~MKTG 545 Mktg Channel 3~~

Economics Electives 3 hrs

Unrestricted Electives 18 hrs

Total 120 hrs

**From:** Esther Swilley  
**Sent:** Wednesday, December 12, 2018 8:33 AM  
**To:** Bill Turnley  
**Subject:** RE: OSCM Curriculum Revisions

Bill,

Since I haven't heard back from faculty, I am assuming the change is fine.

Esther

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**From:** Bill Turnley <[turnley@ksu.edu](mailto:turnley@ksu.edu)>  
**Sent:** Wednesday, December 12, 2018 8:32 AM  
**To:** Esther Swilley <[esthers@ksu.edu](mailto:esthers@ksu.edu)>  
**Subject:** Re: OSCM Curriculum Revisions

Hi Esther:

Hope finals week is going well.

Can we get your okay or comments on this change?

Thanks.

Bill

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**From:** Bill Turnley  
**Sent:** Friday, December 7, 2018 6:39:20 PM  
**To:** Esther Swilley  
**Subject:** OSCM Curriculum Revisions

Hi Esther:

We are revising the OSCM curriculum to try to better align with current industry practice and needs.

As part of that process, we have introduced a couple of new OSCM courses and are proposing changes to the electives for the OSCM major.

The major change involving Marketing would be removing MKTG 545 - MKTG Channels from the list of major field electives now that we can offer a full suite of OSCM courses. Can I assume that your department is comfortable with that change?

Please let me know if you will support this change.

I have outlined the changes below and also attached the full version of the proposed change.

Also, here is the rationale for the removal of the elective courses:

Deletion of MANGT 552: This course has not been offered quite some time.

Deletion of ECON 631: New OSCM course (MANGT 661: Logistics and Warehouse Management) will more directly address the topic from an OSCM perspective.

Deletion of MKTG: This course was included to OSCM electives when we did not have enough elective options. The OSCM track is now able to offer additional OSCM electives (MANGT 661 and 663). This course also has not been offered quite some time.

Thanks.

Bill

BAPP Requirements 45 hrs

Business Core 30 hrs

OSCM Major Courses 21 hrs

Major Field Requirements 12 hrs

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MANGT 522 Oper Plann & Contr 3

MANGT 541 Mangt Quality 3

MANGT 652 Constraint Mangt 3

MANGT 653 Project Mmgt 3

MIS 665 Bus Analytics & Data Mn 3 OR MIS 670 Social Media Analytic 3

ECON 631 Prin of Transport 3

MKTG 545 Mktg Channel 3

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Total 120 hrs

To:

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Major Field Requirements 15 hrs

MANGT 520 Org Behavior 3

MANGT 521 Mgt Dec Analyt 3

MANGT 660 SC Plann & Contr 3

MANGT 661 Logist & Ware Mgt 3

MANGT 662 Proc & SC Design 3

Major Field Electives 9 hrs

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MANGT 541 Mangt Quality 3

MANGT 652 Constraint Mangt 3

MANGT 653 Project Mmgt 3

MANGT 663 SC Analytics 3

MIS 665 Bus Analyt & Data Mng 3 OR MIS 670 Social Media Analytic 3

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Economics Electives 3 hrs

Unrestricted Electives 18 hrs

Total 120 hrs

## **Education**

### **Curriculum & Instruction (M.S.) - G-11 Area of Specialization (new specialization)**

Rationale: This new area of specialization is designed for teachers who wish to further their understandings of modern language education curriculum, content, and pedagogy. Courses are designed to provide a contemporary perspective on teaching modern language education in PK-12 schools.

Impact statement: No impact.

<p><b>Program Requirements (31-36 credit hours)</b></p> <p><b>A. Curriculum (3 hours)</b> This category addresses all aspects of K-12 curriculum. It is intended that one course in curriculum would address the broad range of these issues.</p> <p>The foundations of curriculum (philosophical, historical, psychological, and social foundations; curriculum theory) The principles of curriculum (aims, goals, objectives; curriculum design, development, implementation, and evaluation) Issues of curriculum (trends and issues; future directions; national standards)</p> <p>Recommended courses for this core category:</p> <p>EDCI 803 – Curriculum Development Or a curriculum course approved by the student’s advisor and committee.</p> <p><b>B. Teaching and Learning (3 hours)</b> This category deals with theoretical, practical, and research-based issues associated with the creation of an environment for effective teaching and learning. The following topics are representative of the issues that might affect the creation of the learning environment:</p> <p>Teaching strategies (e.g., direct instruction, cooperative learning) Learning theory (e.g., sociocultural theory, schema theory) Theory and research into practice Instructional planning and design</p>	<p><b>Program Requirements (31-36 credit hours)</b></p> <p><b>A. Curriculum (3 hours)</b> This category addresses all aspects of K-12 curriculum. It is intended that one course in curriculum would address the broad range of these issues.</p> <p>The foundations of curriculum (philosophical, historical, psychological, and social foundations; curriculum theory) The principles of curriculum (aims, goals, objectives; curriculum design, development, implementation, and evaluation) Issues of curriculum (trends and issues; future directions; national standards)</p> <p>Recommended courses for this core category:</p> <p>EDCI 803 – Curriculum Development Or a curriculum course approved by the student’s advisor and committee.</p> <p><b>B. Teaching and Learning (3 hours)</b> This category deals with theoretical, practical, and research-based issues associated with the creation of an environment for effective teaching and learning. The following topics are representative of the issues that might affect the creation of the learning environment:</p> <p>Teaching strategies (e.g., direct instruction, cooperative learning) Learning theory (e.g., sociocultural theory, schema theory) Theory and research into practice Instructional planning and design</p>
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<p>Assessment Learning environments (organization, management, discipline) Standards and practices</p> <p>One course in teaching and learning may address only one of these issues; one course is not intended to provide a survey of all possible issues that affect the creation of a learning environment.</p> <p>Recommended courses for this core category:</p> <p>EDCEP 715 – Principles of Assessment EDCI 720 – ESL/Dual Language Methods EDCI 831 – Contemporary Issues in Teaching and Learning EDCI 862 – Instructional Systems Design EDCI 882 – Teaching and Learning Models Or a teaching and learning course approved by the student’s advisor and committee.</p> <p><b>C. Diversity (3 hours)</b></p> <p>This category addresses the nature of learner differences and the instructional implications of these differences. Teaching students in a pluralistic society entails knowledge of many possible factors that may affect student performance, behavior, and instruction.</p> <p>Student diversity may be due to factors such as: ethnicity, race, socioeconomic status, gender, exceptionalities, language, religion, sexual orientation, or geographical areas. One course in diversity may address several of these issues; but one course is not intended to provide a survey of all possible issues that address the nature of learner differences, the instructional implications of these differences, and the nature of the institution of schooling and biases that may exist.</p> <p>Recommended courses for this core category:</p> <p>EDCI 730 – Education of the Disadvantaged EDCI 733 – Curriculum Materials for Ethnic Diversity EDCI 735 – Gender Implications for Education EDCI 740 – Culture and Language in Classroom Practice EDCI 755 – Multicultural Issues in Teaching EDSP 710– Education of Exceptional Individuals EDCI 864 – Social/Cultural Issues in Educational Technology Or a diversity course approved by the student’s advisor and committee.</p>	<p>Assessment Learning environments (organization, management, discipline) Standards and practices</p> <p>One course in teaching and learning may address only one of these issues; one course is not intended to provide a survey of all possible issues that affect the creation of a learning environment.</p> <p>Recommended courses for this core category:</p> <p>EDCEP 715 – Principles of Assessment EDCI 720 – ESL/Dual Language Methods EDCI 831 – Contemporary Issues in Teaching and Learning EDCI 862 – Instructional Systems Design EDCI 882 – Teaching and Learning Models Or a teaching and learning course approved by the student’s advisor and committee.</p> <p><b>C. Diversity (3 hours)</b></p> <p>This category addresses the nature of learner differences and the instructional implications of these differences. Teaching students in a pluralistic society entails knowledge of many possible factors that may affect student performance, behavior, and instruction.</p> <p>Student diversity may be due to factors such as: ethnicity, race, socioeconomic status, gender, exceptionalities, language, religion, sexual orientation, or geographical areas. One course in diversity may address several of these issues; but one course is not intended to provide a survey of all possible issues that address the nature of learner differences, the instructional implications of these differences, and the nature of the institution of schooling and biases that may exist.</p> <p>Recommended courses for this core category:</p> <p>EDCI 730 – Education of the Disadvantaged EDCI 733 – Curriculum Materials for Ethnic Diversity EDCI 735 – Gender Implications for Education EDCI 740 – Culture and Language in Classroom Practice EDCI 755 – Multicultural Issues in Teaching EDSP 710– Education of Exceptional Individuals EDCI 864 – Social/Cultural Issues in Educational Technology Or a diversity course approved by the student’s advisor and committee.</p>
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**D. Educational Technology (3 hours)**

This category examines:

Roles that technology, teachers, and learners may take in any educational context  
 Ways of integrating technology into teaching and learning  
 Issues involved in using technology in K-12 settings

Recommended courses for this core category:

EDCI 718 – Introduction to Educational Technology

**E. Research and Scholarship (3 hours)**

This category deals with interpreting, using, and conducting research and scholarly activities. Scholarship might include analysis, position papers, essays, research into practice, and other creative endeavors. Scholarship is broader and more inclusive than research. Research is a specific form of scholarship.

This category addresses:

The many forms of scholarship  
 Scientific and naturalistic research  
 Analysis, interpretation, and application of research and scholarship to improve teaching and learning  
 Designing and conducting research and scholarship  
 How research relates to practice

It is intended that one course in research and scholarship would address the broad range of these issues. Students must complete the research course before starting the master's degree project, report, or thesis (see category F).

Recommended courses for this core category:

EDCI 760 – Action Research in Education  
 EDCEP 816 – Research Methods in Education  
 Or a research and scholarship course approved by the student's advisor and committee.

**F. Project, Report, or Thesis (1–6 hours)**

Students must complete a research course in Category E before starting this project, report, or thesis. The results of the project, report, or thesis are to be reported to the student's supervisory

**D. Educational Technology (3 hours)**

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Roles that technology, teachers, and learners may take in any educational context  
 Ways of integrating technology into teaching and learning  
 Issues involved in using technology in K-12 settings

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Students must complete a research course in Category E before starting this project, report, or thesis. The results of the project, report, or thesis

committee in the oral exam in the last semester of the degree program.

**Project (1 hour)**

The master's project is conducted under EDCI 890 – Master's Project. The objective of the project is to provide documentation of the improvement of the student's teaching and his/her impact on student learning as a result of the master's program. Students select a theme pertinent to their own practice. This includes the construction of a professional portfolio to represent the student's learning throughout the master's degree program.

**Report (2 hours)**

The master's report is conducted under EDCI 898 – Master's Report. A master's report is generally shorter than a thesis, and it may present the results of a more limited research investigation. Alternatively, it may review the state of a particular scholarly or scientific problem, or it may describe a project appropriate to the disciplines.

**Thesis (6 hours)**

The master's thesis is conducted under EDCI 899 – Master's Thesis. The master's thesis presents the results of an original investigation of a problem or topic approved by the candidate's supervisory committee. Its purpose is to demonstrate the candidate's ability to conduct original research of a type appropriate to the academic discipline, to analyze the information obtained from the research, and to present the results in a form acceptable to the supervisory committee.

**G. Area of Specialization (15 hours)**

Students must select one of the following areas of specialization:

**G-1 – Elementary/Middle Level Curriculum and Instruction (15 hours)**

This specialization is intended for elementary teachers who teach a variety of subjects and middle-level teachers who teach in more than one subject field. Core and elective courses for this specialization are intended to focus on curricular issues of the subjects that elementary/middle level teachers teach (e.g., math, science, social studies, science, language arts, reading).

Recommended Courses:

EDCI 776 – Teaching in Middle Schools

EDCI 816 – Approaches to Reading Instruction

EDCI 820 – Contemporary Issues in Language Arts

EDCI 821 – Advanced Methods in the Teaching of K-12 Mathematics

are to be reported to the student's supervisory committee in the oral exam in the last semester of the degree program.

**Project (1 hour)**

The master's project is conducted under EDCI 890 – Master's Project. The objective of the project is to provide documentation of the improvement of the student's teaching and his/her impact on student learning as a result of the master's program. Students select a theme pertinent to their own practice. This includes the construction of a professional portfolio to represent the student's learning throughout the master's degree program.

**Report (2 hours)**

The master's report is conducted under EDCI 898 – Master's Report. A master's report is generally shorter than a thesis, and it may present the results of a more limited research investigation. Alternatively, it may review the state of a particular scholarly or scientific problem, or it may describe a project appropriate to the disciplines.

**Thesis (6 hours)**

The master's thesis is conducted under EDCI 899 – Master's Thesis. The master's thesis presents the results of an original investigation of a problem or topic approved by the candidate's supervisory committee. Its purpose is to demonstrate the candidate's ability to conduct original research of a type appropriate to the academic discipline, to analyze the information obtained from the research, and to present the results in a form acceptable to the supervisory committee.

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Recommended Courses:

EDCI 776 – Teaching in Middle Schools

EDCI 816 – Approaches to Reading Instruction

EDCI 820 – Contemporary Issues in Language Arts

EDCI 821 – Advanced Methods in the Teaching of K-12 Mathematics

EDCI 822 – Contemporary Issues in Social Studies  
EDCI 834 – Improving Science Teaching  
Or other courses approved by the advisor.

**G-2 – Reading/Language Arts (15 hours)**  
Master’s degree candidates may specialize in reading/language arts without taking the particular courses for the reading specialist endorsement (that endorsement can be obtained with the Reading Specialist endorsement). Students may choose any 15 hours of approved elementary/middle level and/or secondary courses that emphasize reading and the language arts. Some of the courses may have prerequisites; see the university catalog for that information.

Recommended Courses:  
EDCI 715 – Reading in the Content Areas  
EDCI 756 – Tradebooks across the Curriculum  
EDCI 758 – Reading/Writing Connections  
EDCI 816 – Approaches to Reading Instruction  
EDCI 820 – Contemporary Issues in Language Arts  
EDCI 840– Literacy Assessment  
EDCI 841 – Supporting Struggling Readers  
EDCI 878 – The Language Arts Curriculum  
Or other courses approved by the advisor.

**G-3 – Reading Specialist Endorsement (15 hours + 3 hours practicum)**  
This specialization provides the needed coursework and practicum for the reading specialist license, which is available from the Kansas State Department of Education (KSDE). After completing this coursework, students need to submit an application for the license to KSDE along with some additional requirements that are outlined below.

Required courses (15 hours):  
EDCI 816 – Approaches to Reading Instruction  
EDCI 818 – Theoretical Models of Reading  
EDCI 840 – Literacy Assessment  
EDCI 841 – Supporting Struggling Readers  
EDCI 930 – Leadership in Literacy

Required Practicum (3 hours):  
EDCI 945 – Clinical Practicum in Reading  
Licensing Information for the Reading Specialist. Students who want to apply for the KSDE reading specialist license should contact the College of Education licensure officer —Di Murphy at [dim@k-state.edu](mailto:dim@k-state.edu) or 785-532-5524. See the [College of Education Licensing web page](#) for licensing information.

After completing the coursework and practicum, applicants for the license must also meet the following additional KSDE requirements:  
Take the Praxis exam for the Reading Specialist (test number 5301) and report a score of 164 or higher. See the [ETS website to register for the](#)

EDCI 822 – Contemporary Issues in Social Studies  
EDCI 834 – Improving Science Teaching  
Or other courses approved by the advisor.

**G-2 – Reading/Language Arts (15 hours)**  
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Or other courses approved by the advisor.

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EDCI 930 – Leadership in Literacy

Required Practicum (3 hours):  
EDCI 945 – Clinical Practicum in Reading  
Licensing Information for the Reading Specialist. Students who want to apply for the KSDE reading specialist license should contact the College of Education licensure officer. See the [College of Education Licensing web page](#) for licensing information.

After completing the coursework and practicum, applicants for the license must also meet the following additional KSDE requirements:  
Take the Praxis exam for the Reading Specialist (test number 5301) and report a score of 164 or higher. See the [ETS website to register for the](#)

Praxis exam. To have your score sent to Kansas State University, enter **code # 6334** when registering for the Praxis.

Hold a master's degree. (It is permitted, but not necessary, to include the required courses as part of the master's degree.)

Have a 3.25 grade point average in graduate coursework.

Hold a currently valid Kansas professional teaching license.

Have recent teaching experience or coursework (i.e., at least one year of teaching or 8 credit hours within the last six years)

#### **G-4 – Middle Level/Secondary Curriculum and Instruction (15 hours)**

This specialization is for middle-level and secondary teachers who teach in one subject field. This specialization is designed to enhance one's knowledge and skills about their teaching field (e.g., education in math, science, social studies, language arts, family and consumer sciences, agriculture, vocational fields). These courses may relate to the content being taught, the curricular program, or instructional aspects of the teaching field.

The requirements include:

A curriculum course in the teaching field (3 hours)

Electives (12 hours)

Students taking courses for the graduate certificate in teaching and learning may apply those courses for this master's degree specialization in middle level/secondary curriculum and instruction. For more information, see the [Graduate Certificate in Teaching and Learning web page](#).

#### **G-5 – Educational Technology (15 hours)**

This area of specialization focuses – following guidelines prescribed by the Association for Educational Communications and Technology (AECT) – on the study and ethical practice of facilitating learning and improving performance by creating, using, and managing appropriate technological processes and resources. While K-12 educators constitute its largest audience, this specialization is equally appropriate for those from higher education or corporate/industry backgrounds who want to explore the role of educational and communications technologies in enabling effective teaching and meaningful learning. This specialization also provides a solid foundation for those wishing to pursue a doctoral program in Educational Technology.

Required Foundations Courses

B: Teaching and Learning (3 hours)

EDCI 862 – Instructional Systems Design

C: Diversity (3 hours)

EDCI 864 – Social/Cultural Issues in Educational Technology

State University, enter **code # 6334** when registering for the Praxis.

Hold a master's degree. (It is permitted, but not necessary, to include the required courses as part of the master's degree.)

Have a 3.25 grade point average in graduate coursework.

Hold a currently valid Kansas professional teaching license.

Have recent teaching experience or coursework (i.e., at least one year of teaching or 8 credit hours within the last six years)

#### **G-4 – Middle Level/Secondary Curriculum and Instruction (15 hours)**

This specialization is for middle-level and secondary teachers who teach in one subject field. This specialization is designed to enhance one's knowledge and skills about their teaching field (e.g., education in math, science, social studies, language arts, family and consumer sciences, agriculture, vocational fields). These courses may relate to the content being taught, the curricular program, or instructional aspects of the teaching field.

The requirements include:

A curriculum course in the teaching field (3 hours)

Electives (12 hours)

Students taking courses for the graduate certificate in teaching and learning may apply those courses for this master's degree specialization in middle level/secondary curriculum and instruction. For more information, see the [Graduate Certificate in Teaching and Learning web page](#).

#### **G-5 – Educational Technology (15 hours)**

This area of specialization focuses – following guidelines prescribed by the Association for Educational Communications and Technology (AECT) – on the study and ethical practice of facilitating learning and improving performance by creating, using, and managing appropriate technological processes and resources. While K-12 educators constitute its largest audience, this specialization is equally appropriate for those from higher education or corporate/industry backgrounds who want to explore the role of educational and communications technologies in enabling effective teaching and meaningful learning. This specialization also provides a solid foundation for those wishing to pursue a doctoral program in Educational Technology.

Required Foundations Courses

B: Teaching and Learning (3 hours)

EDCI 862 – Instructional Systems Design

C: Diversity (3 hours)

EDCI 864 – Social/Cultural Issues in Educational Technology

D: Educational Technology (3 hours)

D: Educational Technology (3 hours)  
EDCI 718 – Introduction to Educational Technology  
Area of Specialization Courses Required (12 credit hours)  
EDCI 863 – Online Teaching and Learning  
EDCI 866 – Educational Technology Change Management  
EDCI 887 – Educational Technology Proseminar I  
EDCI 888 – Educational Technology Proseminar II

Electives (select at least 3 credit hours from the following)

EDCI 826 – Contemporary Technologies in Mathematics Education

Any other Educational Technology centered elective approved by the advisor

**G-7 – English as a Second Language (ESL Endorsement) (15 hours)**

This area of specialization provides teachers with methods and strategies to help non-English speaking students in U.S. schools to continue to achieve academic progress while learning the English language. Specifically, this 15-hour area of specialization meets the requirements for the English for Speakers of Other Languages (ESOL) endorsement in the state of Kansas.

Required Courses:

EDCI 720 – ESL/Dual Language Methods

EDCI 731 – ESL/Dual Language Linguistics

EDCI 740 – Culture and Language in Classroom Practice

EDCI 742 – ESL/Dual Language Assessment

EDCI 745 – ESL/Dual Language Elementary Practicum, or

EDCI 746 – ESL/Dual Language Secondary Practicum

(For students seeking the ESL endorsement, any substituted course must closely address the content of the course it is replacing.)

Licensing Information for ESOL.

Students who want to apply for the KSDE license should contact the College of Education licensure officer — Di Murphy at [dim@k-state.edu](mailto:dim@k-state.edu) or 785-532-5524. See the [College of Education](#)

[Licensing web page](#) for licensing information.

After completing the coursework and practicum, applicants for the license must also meet the following additional KSDE requirements:

Take the Praxis exam for the English for Speakers of Other Languages (test number **0361** – paper version, or test number **5361** – computer version) and report a score of **138 or higher**. See the [ETS website to register for the Praxis exam](#). To have your score sent to Kansas State University, enter **code # 6334** when registering for the Praxis.

EDCI 718 – Introduction to Educational Technology  
Area of Specialization Courses Required (12 credit hours)

EDCI 863 – Online Teaching and Learning

EDCI 866 – Educational Technology Change Management

EDCI 887 – Educational Technology Proseminar I

EDCI 888 – Educational Technology Proseminar II

Electives (select at least 3 credit hours from the following)

EDCI 826 – Contemporary Technologies in Mathematics Education

Any other Educational Technology centered elective approved by the advisor

**G-7 – English as a Second Language (ESL Endorsement) (15 hours)**

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EDCI 740 – Culture and Language in Classroom Practice

EDCI 742 – ESL/Dual Language Assessment

EDCI 745 – ESL/Dual Language Elementary Practicum, or

EDCI 746 – ESL/Dual Language Secondary Practicum

(For students seeking the ESL endorsement, any substituted course must closely address the content of the course it is replacing.)

Licensing Information for ESOL.

Students who want to apply for the KSDE license should contact the College of Education licensure officer. See the [College of Education Licensing web page](#) for licensing information.

After completing the coursework and practicum, applicants for the license must also meet the following additional KSDE requirements:

Take the Praxis exam for the English for Speakers of Other Languages (test number **0361** – paper version, or test number **5361** – computer version) and report a score of **138 or higher**. See the [ETS website to register for the Praxis exam](#). To have your score sent to Kansas State University, enter **code # 6334** when registering for the Praxis.

**G-8 – Learning Skills/School Improvement (15 hours)**

This area is appropriate for educators who want to develop knowledge and skills to work with others in the school or district on improvement in

**G-8 – Learning Skills/School Improvement (15 hours)**

This area is appropriate for educators who want to develop knowledge and skills to work with others in the school or district on improvement in curriculum and instruction. Course selection should be done with the guidance of an advisor.

**G-9 – Mathematics Education (15 hours)**

This area of specialization is designed for teachers who wish to further their understandings of mathematics curriculum, content, and pedagogy. Courses are designed to provide a contemporary perspective on teaching mathematics in K-12 schools.

Recommended Courses:

- EDCI 729 – Middle-Level Mathematics for Teachers
- EDCI 821 – Advanced Methods in the Teaching of K-12 Mathematics
- EDCI 823 – History of Mathematics Education
- EDCI 825 – Research in Mathematics Teaching and Learning
- EDCI 826 – Contemporary Technologies in Mathematics Education
- EDCI 827 – Theoretical Models of Mathematics Teaching and Learning
- EDCI 828 – Assessment in Mathematics Education
- EDCI 886 – Seminar in Curriculum and Instruction

Other courses may be approved by the advisor. These hours may include up to six hours from the KSU Math Department (e.g., MATH 591, MATH 791)

**G-10 – Civic Education (15 hours)**

This area of specialization is designed for teachers who wish to further their understandings of civic education curriculum, content, and pedagogy. Courses are designed to provide a contemporary perspective on teaching civic education in K-12 schools.

Recommended Courses:

- EDCI 781 – Teaching the Theoretical Foundations of Constitutional Government
- EDCI 782 – Teaching the Historical Origins of Constitutional Government
- EDCI 783 – Teaching the Development of Constitutional Principles
- EDCI 784 – Teaching the Institutions of Government
- EDCI 785 – Teaching the Bill of Rights
- EDCI 787 – Teaching Citizenship
- EDCI 788 – Teaching the Constitutional Principles of America’s Founders
- EDCI 789 – Methods and Materials in Civic Education
- EDCI 790 – Engaged Citizens: Public Policy Issues and Processes

curriculum and instruction. Course selection should be done with the guidance of an advisor.

**G-9 – Mathematics Education (15 hours)**

This area of specialization is designed for teachers who wish to further their understandings of mathematics curriculum, content, and pedagogy. Courses are designed to provide a contemporary perspective on teaching mathematics in K-12 schools.

Recommended Courses:

- EDCI 729 – Middle-Level Mathematics for Teachers
  - EDCI 821 – Advanced Methods in the Teaching of K-12 Mathematics
  - EDCI 823 – History of Mathematics Education
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  - EDCI 826 – Contemporary Technologies in Mathematics Education
  - EDCI 827 – Theoretical Models of Mathematics Teaching and Learning
  - EDCI 828 – Assessment in Mathematics Education
  - EDCI 886 – Seminar in Curriculum and Instruction
- Other courses may be approved by the advisor. These hours may include up to six hours from the KSU Math Department (e.g., MATH 591, MATH 791)

**G-10 – Civic Education (15 hours)**

This area of specialization is designed for teachers who wish to further their understandings of civic education curriculum, content, and pedagogy. Courses are designed to provide a contemporary perspective on teaching civic education in K-12 schools.

Recommended Courses:

- EDCI 781 – Teaching the Theoretical Foundations of Constitutional Government
  - EDCI 782 – Teaching the Historical Origins of Constitutional Government
  - EDCI 783 – Teaching the Development of Constitutional Principles
  - EDCI 784 – Teaching the Institutions of Government
  - EDCI 785 – Teaching the Bill of Rights
  - EDCI 787 – Teaching Citizenship
  - EDCI 788 – Teaching the Constitutional Principles of America’s Founders
  - EDCI 789 – Methods and Materials in Civic Education
  - EDCI 790 – Engaged Citizens: Public Policy Issues and Processes
- Or other courses approved by the advisor; these hours may include up to six hours in political science, history, or law.

**G-11 World Modern Languages (15 hours)**

This area of specialization is designed for teachers who wish to further their understandings of world

<p>Or other courses approved by the advisor; these hours may include up to six hours in political science, history, or law.</p>	<p>modern language education curriculum, content, and pedagogy. Courses are designed to provide a contemporary perspective on teaching world modern language education in K-12 schools.</p> <p>Recommended Courses:</p> <p>EDCI 770 Advanced Approaches in World Language Education</p> <p>EDCI 771 Assessment in World Language Education</p> <p>EDCI 772 Current Trends and Research in World Language Education</p> <p>EDCI 773 Contemporary Technology in World Language Education</p> <p>EDCI 871 World Language Education Practicum</p> <p>Or other courses approved by the advisor, up to six hours of World Modern Languages</p>
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## Engineering

### Concurrent B.S in Computer Science and Master of Business Administration

Rationale: The number of credits for CIS 415 is being changed from 1 to 3, and its title is being changed. To accommodate these changes, the number of credits of Humanities / Social Science Electives is being changed from 12 to 9, and the number of unrestricted electives is being increased by 1 credit. The additional coverage of ethics in CIS 415 will serve our students' needs for a broad education as a 3-credit Humanities / Social Science Elective currently does. Other changes involve moving a few courses to different semesters.

Impact statement: The removal of a Humanities / Social Science Elective impacts the College of Arts and Sciences. Prof. Louise Benjamin, Associate Dean for Academic Affairs in the College of Arts and Sciences, was contacted by email on Feb. 7, 2019. Response received in May.

Prof. Chwen Sheu, Dean of Business Administration, was emailed a copy of this proposal on Feb. 7, 2019.

<b>Freshman Fall Semester (15-16 credit hours)</b>	<b>Freshman Fall Semester (15-16 credit hours)</b>
<p><del>Humanities/social science elective (first of four) Credits: 3</del></p> <p>CIS 115 - Introduction to Computing Science Credits: 3</p> <p>CIS 015 - Undergraduate Seminar Credits: 0</p> <p>COMM 105 - Public Speaking IA Credits: 2</p> <p>COMM 106 - Public Speaking I Credits: 3</p> <p>ENGL 100 - Expository Writing I Credits: 3</p>	<ul style="list-style-type: none"> <li>• CIS 115 - Introduction to Computing Science Credits: 3</li> <li>• CIS 015 - Undergraduate Seminar Credits: 0</li> <li>• COMM 105 - Public Speaking IA Credits: 2</li> <li>• COMM 106 - Public Speaking I Credits: 3</li> </ul>



MATH 220 - Analytic Geometry and Calculus I Credits: 4

**Freshman Spring semester (15 credit hours)**

Math/science elective with laboratory (first of five) Credits: 4

CIS 200 - Programming Fundamentals Credits: 4

ECE 241 - Introduction to Computer Engineering Credits: 3

MATH 221 - Analytic Geometry and Calculus II Credits: 4

**Sophomore Fall semester (15 credit hours)**

~~Humanities/social science electives (second of four) Credits: 3~~

CIS 300 - Data and Program Structures Credits: 3

CIS 301 - Logical Foundations of Programming Credits: 3

ECON 110 - Principles of Macroeconomics Credits: 3

ENGL 200 - Expository Writing II Credits: 3

**Sophomore Spring semester (15 credit hours)**

Math/science elective (second of five) Credits: 3

Communication elective Credits: 3

ECON 120 - Principles of Microeconomics Credits: 3

CIS 400 - Object-Oriented Design, Implementation, and Testing Credits: 3

MATH 510 - Discrete Mathematics Credits: 3

**Junior Fall semester (15 credit hours)**

Humanities/social science elective (third of four) Credits: 3

CIS 501 - Software Architecture and Design Credits: 3

~~CIS 308 - C Language Laboratory Credits: 1~~

CIS 415 - Ethics and Computing Technology Credits: 1

• ECON 110 - Principles of Macroeconomics Credits: 3

• ENGL 100 - Expository Writing I Credits: 3

• MATH 220 - Analytic Geometry and Calculus I Credits: 4

**Freshman Spring semester (15 credit hours)**

• Math/science elective with laboratory (first of five) Credits: 4

• CIS 200 - Programming Fundamentals Credits: 4

• ECE 241 - Introduction to Computer Engineering Credits: 3

• MATH 221 - Analytic Geometry and Calculus II Credits: 4

**Sophomore Fall semester (13 credit hours)**

• Math/science elective with laboratory (second of five) Credits: 4

• CIS 300 - Data and Program Structures Credits: 3

• CIS 301 - Logical Foundations of Programming Credits: 3

• ENGL 200 - Expository Writing II Credits: 3

**Sophomore Spring semester (16 credit hours)**

• Math/science elective (third of five) Credits: 3

• Communication elective Credits: 3

• ECON 120 - Principles of Microeconomics Credits: 3

• CIS 308 - C Language Laboratory Credits: 1

• CIS 400 - Object-Oriented Design, Implementation, and Testing Credits: 3

• MATH 510 - Discrete Mathematics Credits: 3

**Junior Fall semester (15 credit hours)**

• Humanities/social science elective (first and second of three) Credits: 6

• CIS 501 - Software Architecture and Design Credits: 3

• CIS 415 - Ethics and Conduct for Computing Professional Credits: 3

• CIS 560 - Database System Concepts Credits: 3

CIS 560 - Database System Concepts **Credits: 3**

~~Math/science elective with laboratory (third of five) **Credits: 4**~~

**Junior Spring semester (15 credit hours)**

Technical elective (first of five) **Credits: 3**  
CIS 575 - Introduction to Algorithm Analysis **Credits: 3**  
CIS 450 - Computer Architecture and Operations **Credits: 3**  
ENGL 516 - Written Communication for the Sciences **Credits: 3**

Or

ENGL 415 - Written Communication for Engineers **Credits: 3**  
STAT 510 - Introductory Probability and Statistics I **Credits: 3**

**Senior Fall semester (~~14-15~~ credit hours)**

Technical electives (second of five) **Credits: 3**  
MANGT 820 Managing Organizational Behavior **Credits: 3**  
ACCTG 810 Foundations of Accounting **Credits: 3**  
Math/science elective (fourth of five) **Credits: 3**  
Unrestricted elective **Credits: ~~2-3~~**

**Senior Spring semester (12 credit hours)**

MANGT 810 Operations and Supply Chain Management **Credits: 3**  
MKTG 810 Marketing Concepts and Research **Credits: 3**  
FINAN 815 Foundations of Finance **Credits: 3**  
ECON 815 Economic Analysis for Business **Credits: 3**

**Fifth Fall semester (15 credit hours)**

CIS 505 - Introduction to Programming Languages **Credits: 3**  
Humanities/social science elective (~~fourth~~ of ~~four~~) **Credits: 3**  
MANGT 880 Business Strategy **Credits: 3**  
Technical electives (third and fourth of five) **Credits: 6**

**Fifth Spring semester (15 credit hours)**

**Junior Spring semester (15 credit hours)**

- Technical elective (first of five) **Credits: 3**
- CIS 575 - Introduction to Algorithm Analysis **Credits: 3**
- CIS 450 - Computer Architecture and Operations **Credits: 3**
- ENGL 516 - Written Communication for the Sciences **Credits: 3**
- Or
- ENGL 415 - Written Communication for Engineers **Credits: 3**
- STAT 510 - Introductory Probability and Statistics I **Credits: 3**

**Senior Fall semester (~~15-16~~ credit hours)**

- Technical electives (second of five) **Credits: 3**
- MANGT 820 Managing Organizational Behavior **Credits: 3**
- ACCTG 810 Foundations of Accounting **Credits: 3**
- Math/science elective (fourth of five) **Credits: 3**
- Unrestricted elective **Credits: ~~3-4~~**

**Senior Spring semester (12 credit hours)**

- MANGT 810 Operations and Supply Chain Management **Credits: 3**
- MKTG 810 Marketing Concepts and Research **Credits: 3**
- FINAN 815 Foundations of Finance **Credits: 3**
- ECON 815 Economic Analysis for Business **Credits: 3**

**Fifth Fall semester (15 credit hours)**

- CIS 505 - Introduction to Programming Languages **Credits: 3**
- Humanities/social science elective (~~third~~ of ~~three~~) **Credits: 3**
- MANGT 880 Business Strategy **Credits: 3**
- Technical electives (third and fourth of five) **Credits: 6**

**Fifth Spring semester (15 credit hours)**

- Technical elective (fifth of five) **Credits: 3**

Technical elective (fifth of five) **Credits: 3**  
MANGT 860 Managing the Triple Bottom Line Business **Credits: 3**  
GENBA 890 Business Capstone or  
GENBA 897 MBA Internship **Credits: 3**  
Unrestricted elective **Credits: 3**  
Math/science elective (fifth of five) **Credits: 3**

**Notes:**

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A grade of C or better is required for all graded courses listed by specific course number above.

All students new to the CS department must complete CIS 015.

Math/science electives must be taken for undergraduate credit and have departmental approval.

Humanities/social science electives must be taken for undergraduate credit from the list approved by the College of Engineering.

Communications Elective Credits: (3) The Communications Elective must be chosen from:

COMM 322 – Interpersonal Communication **Credits: 3**  
COMM 323 – Nonverbal Communication **Credits: 3**  
COMM 326 – Small Group Discussion Methods **Credits: 3**  
MANGT 420 – Principles of Management **Credits: 3**  
THTRE 261 – Fundamentals of Acting **Credits: 3**  
THTRE 265 – Fundamentals of Improvisation I, II **Credits: 3**

**Admission to MBA program**

A student can apply to the graduate school and be admitted to the MBA program upon earning a  $\geq$  3.000 GPA in at least 80 credit hours of their undergraduate degree.

**Technical electives must be comprised of the following:**

- 
- C or better in either CIS 520-Operating Systems I or CIS 625-Concurrent Software Systems.
  - C or better in either CIS 598-Computer Science Project or CIS 642-Software Engineering Project I. Students taking CIS 642 must take it for undergraduate credit and take CIS 643-Software Engineering

- MANGT 860 Managing the Triple Bottom Line Business **Credits: 3**
- GENBA 890 Business Capstone or GENBA 897 MBA Internship **Credits: 3**
- Unrestricted elective **Credits: 3**
- Math/science elective (fifth of five) **Credits: 3**

**Notes:**

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- COMM 326 – Small Group Discussion Methods **Credits: 3**
- MANGT 420 – Principles of Management **Credits: 3**
- THTRE 261 – Fundamentals of Acting **Credits: 3**
- THTRE 265 – Fundamentals of Improvisation I, II **Credits: 3**

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<p>Project II the following semester as an unrestricted elective.</p> <ul style="list-style-type: none"> <li>• Three courses taken for graduate credit from the following list:</li> </ul> <ol style="list-style-type: none"> <li>1. CIS 732 Machine Learning and Pattern Recognition</li> <li>2. MIS 670 Social Media Analytics and Web Mining</li> <li>3. At most one of: <ul style="list-style-type: none"> <li>• MIS 665 Business Analytics and Data Mining</li> <li>• MKTG 880 Applied Marketing Analytics</li> <li>• MKTG 881 Advanced Marketing Analytics</li> </ul> </li> <li>4. Other Data Analytics courses, including special topics courses, approved by both the Department of Computer Science and the College of Business Administration.</li> </ol> <p><b>NOTE: K-State 8 General Education Requirements</b></p> <hr/> <p>For additional information about the <a href="#">University General Education</a> program, check the requirements specified by the College of Engineering.</p> <p><b>Total hours required for graduation (147 credit hours)</b></p>	<p>Project II the following semester as an unrestricted elective.</p> <ul style="list-style-type: none"> <li>• Three courses taken for graduate credit from the following list:</li> </ul> <ol style="list-style-type: none"> <li>1. CIS 732 Machine Learning and Pattern Recognition</li> <li>2. MIS 670 Social Media Analytics and Web Mining</li> <li>3. At most one of: <ul style="list-style-type: none"> <li>• MIS 665 Business Analytics and Data Mining</li> <li>• MKTG 880 Applied Marketing Analytics</li> <li>• MKTG 881 Advanced Marketing Analytics</li> </ul> </li> <li>4. Other Data Analytics courses, including special topics courses, approved by both the Department of Computer Science and the College of Business Administration.</li> </ol> <p><b>NOTE: K-State 8 General Education Requirements</b></p> <hr/> <p>For additional information about the <a href="#">University General Education</a> program, check the requirements specified by the College of Engineering.</p> <p><b>Total hours required for graduation (147 credit hours)</b></p>
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**Julie Eisenhut**

**From:** Louise Benjamin

**Sent:** Monday, May 06, 2019 2:49 PM

**To:** Julie Eisenhut

**Subject:** Re: proposal - Concurrent B.S in Computer Science and Master of Business Administration

Hi, Julie.

My apologies for not responding earlier. I thought I had filed a statement.

Here is a short statement from the College regarding the reduction of Humanities/Social Science electives from the concurrent B.S. in Computer Science and Master of Business Administration: The College of Arts and Sciences cannot in good conscience support the decrease of credits of Humanities and Social Science electives in the concurrent BS and MBA program from 12 to 9. We believe such a decrease lessens the overall quality of education of K-State students. We register our concerns with the awareness that these concerns may be ignored.

Lou

Louise Benjamin  
Professor, Associate Dean for Academic Affairs  
College of Arts and Sciences  
110 Calvin Hall  
Kansas State University  
Manhattan, KS 66506  
Main Office: 785-532-6900

**From:** Julie Eisenhut  
**Sent:** Monday, May 6, 2019 10:01:07 AM  
**To:** Louise Benjamin  
**Subject:** proposal - Concurrent B.S in Computer Science and Master of Business Administration

Good morning Professor Benjamin,

I was contacted to by faculty senate to add notes or upload a file of a support letter from you that you are in support of the curriculum change to the notification of reduction from Computer Science. I'm guessing you have responded, but there's no indication in the Impact statement whether a response was received or not and I believe someone at the FS Executive Committee inquired about that and thought it should be part of the Impact Statement, which is reasonable. :-)

Can you just let me know when you confirmed receipt of the notification? Or if you could send the email of support and I can add it to the proposal in Curriculog.

Thank you,  
Julie Eisenhut  
Office Specialist III  
Graduate School  
116 Eisenhower Hall  
Kansas State University  
785-532-7927

## Human Ecology

### **Dietetics (B.S.)**

Rationale: This credential wording on page 2 is due to the Commission on Dietetic Registration of the Academy of Nutrition and Dietetics change in credential nomenclature. Due to previous prerequisites changes. FNDH 570, Introduction to Research in Dietetics Practice, is moved in professional studies from the designated summer semester in Program I: Coordinated Program in Dietetics (CP). And, the total credit hours are corrected from 124 hours to 122-125 hours in Program I as it was determined unrestricted electives are not required to meet the minimum credit hour for this program All other changes are corrections in math, grammar, and wording to clarify current requirements. The course order is also corrected to list by alpha/numeric order in the catalog.

Impact statement: The changes in this proposal do not impact any units outside of FNDH or the College.

<p>Dietetics (B.S.)</p> <p>Two programs are available in dietetics. Program I is the coordinated program in dietetics, and Program II is the didactic program in dietetics.</p> <p>Coordinated Program in Dietetics (CPD)</p> <p>Program I (Effective Fall 2012)</p> <p>The coordinated program prepares students for dietetics practice by integrating the 1200 hours supervised practice experience (internship) required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) with the bachelor's degree program. Graduates of this program immediately may sit for the national credentialing examination to become a registered dietitian RD and are eligible for active membership in the Academy of Nutrition and Dietetics. The program is currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312-899-5400.</p> <p>The supervised practice phase of the program consists of community nutrition, clinical nutrition,</p>	<p><b>Dietetics (B.S.)</b></p> <p>Two programs are available in dietetics. Program I is the coordinated program in dietetics, and Program II is the didactic program in dietetics.</p> <p><b>Coordinated Program in Dietetics (CPD)</b></p> <p><b>Program I (Effective Fall 2012)</b></p> <p>The coordinated program prepares students for dietetics practice by integrating the 1200 hours supervised practice experience (internship) required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) with the bachelor's degree program. Graduates of this program immediately may sit for the national credentialing examination to become a registered dietitian <b>(RD) or registered dietitian nutritionist (RDN)</b> and are eligible for active membership in the Academy of Nutrition and Dietetics. The program is currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312-899-5400.</p> <p>The supervised practice phase of the program consists of community nutrition, clinical nutrition,</p>
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and food service management practicum experiences and didactic coursework.

Students apply to the coordinated program three semesters prior to their anticipated date of graduation. The program accepts a new class of students each semester. Students selected into the coordinated program are expected to complete the program in two semesters and one summer session.

**Academic Progression:**

- Admission to KSU and selection of the dietetics major.
- Completion of foundational coursework and introductory professional courses.
- Completion of advanced professional courses.
- Application and selective admission to the coordinated program.
- Completion of coordinated program supervised practice and didactic courses.
- Graduation with a Bachelor of Science degree in dietetics and verification of 1200 hours of supervised practice.

**Admission to KSU and Selection of Dietetics Major**

Kansas State University students wishing to pursue dietetics as a career select dietetics as a major.

**Completion of Foundational Coursework and Introductory Professional Courses**

Foundational coursework includes communications, social sciences, natural sciences, quantitative studies, humanities, and introductory professional courses. Students must achieve an A or B grade in natural science and introductory professional courses for consideration for the coordinated program. Students must achieve no grade lower than a C in communications, social sciences, quantitative studies and humanities courses for consideration for the coordinated program.

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### Completion of Advanced Professional Courses

Advanced professional coursework includes upper level professional courses. Student must achieve an A or B grade in all professional courses to be considered for the coordinated program. It is suggested that students obtain employment and/or volunteer experience related to the field of dietetics to strengthen their application resume.

Students unable to meet grade expectations in the dietetics required curriculum will be not be allowed to continue in the major unless coursework is retaken to meet expectations.

### Application to the Coordinated Program

The coordinated program in dietetics is selective and limited. The application packet and instructions are available in the Dietetics **Advising** Course in K-State Online.

Effective Fall 2012 admission to the coordinated program is based upon grade requirements and additional selection requirements. The new grade requirements apply to students who are incoming freshman or transfer students fall 2012 and after.

#### Grade requirements:

1. No grade lower than a B in natural science and professional courses.
2. No grade lower than a C in all other required dietetics curriculum foundation courses.

Applications from students not meeting grade requirements will not be accepted for review.

#### Additional selection requirements:

1. Evidence of employment/volunteer experience applicable to the practice of dietetics as assessed by the coordinated program admissions committee.

### Completion of Advanced Professional Courses

Advanced professional coursework includes upper level professional courses. Student must achieve an A or B grade in all professional courses to be considered for the coordinated program. It is suggested that students obtain employment and/or volunteer experience related to the field of dietetics to strengthen their application resume.

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#### Grade requirements:

1. No grade lower than a B in natural science and professional courses.
2. No grade lower than a C in all other required dietetics curriculum foundation courses.

Applications from students not meeting grade requirements will not be accepted for review.

#### Additional selection requirements:

1. Evidence of employment/volunteer experience applicable to the practice of dietetics as assessed by the coordinated program admissions committee.



2. Evidence of skill, traits and leadership abilities indicative of the level of professionalism required for successful completion of the coordinated program as assessed by the coordinated program admissions committee.
3. Recommendation forms specified in the application packet.

These additional selection requirements apply to students who apply to the coordinated program fall 2012 and after.

#### Completion of the Coordinated Program

Coordinated program students complete a combination of didactic courses and supervised practice courses during this ten-month program. Ongoing evaluation of the student's academic and supervised practice performance is an important component in the coordinated program in dietetics. Evaluation of student performance is conducted by K-State faculty and preceptors in the supervised practice facilities. Students must meet program requirements and supervised practice requirements to complete the coordinated program. Coordinated program expectations are described in the Coordinated Program Student Handbook.

At the conclusion of the program, students receive their Bachelor of Science degree in dietetics and an ACEND Verification Statement, attesting to their successful completion of both academic and supervised practice experience requirements to sit for the national dietetics registration examination.

#### Didactic Program in Dietetics (DPD)

#### Program II (Effective Summer 2015)

The didactic program in dietetics meets the academic requirements of the Accreditation Council for Education in Nutrition and Dietetics (ACEND). After completion of this program, the graduate must obtain the 1200 hours of supervised practice experience required for

2. Evidence of skill, traits and leadership abilities indicative of the level of professionalism required for successful completion of the coordinated program as assessed by the coordinated program admissions committee.
3. Recommendation forms specified in the application packet.

These additional selection requirements apply to students who apply to the coordinated program fall 2012 and after. **Applicants will also be interviewed by the selection committee.**

#### Completion of the Coordinated Program

Coordinated program students complete a combination of didactic courses and supervised practice courses during this ten-month program. Ongoing evaluation of the student's academic and supervised practice performance is an important component in the coordinated program in dietetics. Evaluation of student performance is conducted by K-State faculty and preceptors in the supervised practice facilities. Students must meet program requirements and supervised practice requirements to complete the coordinated program. Coordinated program expectations are described in the Coordinated Program Student Handbook.

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#### Didactic Program in Dietetics (DPD)

#### Program II (Effective Summer 2015)

The didactic program in dietetics meets the academic requirements of the Accreditation Council for Education in Nutrition and Dietetics (ACEND). After completion of this program, the graduate must obtain the 1200 hours of supervised practice experience required for

eligibility to take the national Registration Examination for Dietitians. This experience must be completed through an accredited, post-baccalaureate **internships** in the United States. Check the ACEND accredited program listings on the Academy of Nutrition and Dietetics website.

The DPD program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606–6995, 312-899-0400 ext. 5400. ACEND website.

#### Academic Progression

- Admission to KSU and selection of the dietetics major.
- Completion of foundational coursework and introductory professional courses.
- Application and selective admission to the didactic program in dietetics (DPD).
- Completion of the didactic program advanced professional courses.
- Graduation with a Bachelor of Science degree in dietetics and Accreditation Council for Education in Nutrition and Dietetics Verification Statement of program completion.
- Apply for dietetic internship or other post-baccalaureate program.

#### Admission to KSU and Selection of Dietetics Major

Kansas State University students wishing to pursue dietetics as a career select dietetics as a major.

#### Completion of Foundational Coursework and Selected Professional Courses

Foundational coursework includes communications, social sciences, natural and physical sciences, quantitative studies, humanities, an integrative human ecology course, and selected introductory professional courses. Students must achieve an A or B grade in natural and physical sciences and in the selected introductory professional courses for

eligibility to take the national Registration Examination for Dietitians. This experience must be completed through an accredited, post-baccalaureate **internship** in the United States. Check the ACEND accredited program listings on the Academy of Nutrition and Dietetics website.

The DPD program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606–6995, 312-899-0400 ext. 5400. ACEND website.

#### Academic Progression

- Admission to KSU and selection of the dietetics major.
- Completion of foundational coursework and introductory professional courses.
- Application and selective admission to the didactic program in dietetics (DPD).
- Completion of the didactic program advanced professional courses.
- Graduation with a Bachelor of Science degree in dietetics and Accreditation Council for Education in Nutrition and Dietetics Verification Statement of program completion.
- Apply for dietetic internship or other post-baccalaureate program.

#### Admission to KSU and Selection of Dietetics Major

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#### Completion of Foundational Coursework and Selected Professional Courses

Foundational coursework includes communications, social sciences, natural and physical sciences, quantitative studies, humanities, an integrative human ecology course, and selected introductory professional courses. Students must achieve an A or B grade in natural and physical sciences and in the selected introductory professional courses for

consideration for the didactic program. Students must achieve no grade lower than a C in communications, social sciences, quantitative studies, humanities courses, and the integrative human ecology course for consideration for the didactic program.

#### Completion of Advanced Professional Courses

Advanced professional coursework includes upper level professional courses. Students must achieve an A or B grade in all professional courses to be considered for the didactic program.

Students unable to meet grade expectations in the dietetics required curriculum will be not be allowed to continue in the major unless coursework is retaken to meet expectations.

#### Application and Selective Admission to the Didactic Program

Students must apply to the didactic program the semester immediately following completion of the following courses (for full admission) or during the semester they are finishing up the last of these courses (for conditional admission)

- BIOL 198 - Principles of Biology
- BIOL 341 - Human Body I and BIOL 342 Human Body II  
or
- KIN 360 - Anatomy and Physiology
- FNDH 340 - Food and Health: Safety Allergies and Intolerances  
or
- BIOL 455 - General Microbiology
- CHM 210 - Chemistry I
- CHM 230 - Chemistry II
- BIOCH 265 - Introduction to Organic and Biochemistry  
or
- CHM 350 - General Organic Chemistry
- FNDH 132 - Basic Nutrition
- FNDH 400 - Human Nutrition

Grade requirements:

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**Grade requirements:**

1. Students must have an overall GPA of 3.0 or above. This includes all coursework taken at any time in the individual's undergraduate or graduate educational career prior to applying for DPD admission.
2. No grade lower than a B in natural science and professional courses.
3. No grade lower than a C in all other required dietetics curriculum foundation courses.

Applications from students not meeting grade requirements will not be accepted for review.

To apply to the DPD program, students must submit the following to the DPD director:

1. DPD application form.
2. Current DARS report generated through KSIS.
3. Academic plan showing when remaining courses will be completed.
4. Grade calculation spreadsheets showing calculations for overall GPA, science course GPA, and professional course GPA.
5. Current 1-page resume which includes:
6. Education with location and inclusive dates.
7. Paid work experience (dietetics or non-dietetics related) with locations and inclusive dates.
8. Volunteer experience (dietetics or non-dietetics related) with locations and inclusive dates.
9. Significant honors/awards.
10. A personal statement (maximum of 1000 words) outlining interest in dietetics, professional goals, strengths, and weaknesses.

Applicants will also participate in an interview, conducted via videoconferencing, with the admissions committee. A scoring matrix for evaluation of the application and interview performance will be made available to applicants in the DPD Student Handbook.

Progression in the program will require continued maintenance of at least a 3.0 GPA with no grade less than a B in the sciences or professional courses. A required course may be repeated only once in order to raise a grade to B or better. The

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course to be repeated must be retaken the next time that course is offered. If a B or better is not obtained in the repeated course, the student will be dismissed from the DPD and must seek a different major.

Bachelor's degree requirements

General Requirements (55-58 credit hours)

Communications (8–9 credit hours)

(Grades of C or higher required)

- COMM 105 - Public Speaking IA Credits: 2  
or
- COMM 106 - Public Speaking I Credits: 3
- ENGL 100 - Expository Writing I Credits: 3
- ENGL 200 - Expository Writing II Credits: 3

Social Science (6 credit hours)

(Grades of C or higher required)

- ECON 110 - Principles of Macroeconomics Credits: 3
- PSYCH 110 - General Psychology Credits: 3  
or
- SOCIO 211 - Introduction to Sociology Credits: 3

Natural Sciences (28–30 credit hours)

(Grades of B or higher required)

- BIOCH 521 - General Biochemistry Credits: 3

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#### **Natural Sciences (28–30 credit hours)**

(Grades of B or higher required)

- BIOCH 521 - General Biochemistry Credits: 3  
and

- and
- CHM 350 - General Organic Chemistry Credits: 3
  - or
  - BIOCH 265 - Introductory Organic and Biochemistry Credits: 5
  - BIOL 198 - Principles of Biology Credits: 4
  - KIN 360 - Anatomy and Physiology Credits: 8
  - or
  - BIOL 341 – Human Body I: Credits 4
  - BIOL 342 – Human Body II: Credits 4
  - CHM 210 - Chemistry I Credits: 4
  - CHM 230 - Chemistry II Credits: 4
- Choose from the following:
- BIOL 455 - General Microbiology Credits: 4
  - or
  - FNDH 340 - Food and Health: Safety, Allergies and Intolerances Credits: 3

#### Quantitative Studies (6 credit hours)

(Grades of C or higher required)

Complete 3 credit hours in Math

- MATH 100 - College Algebra Credits: 3
- or
- a College-level calculus course Credits: 3

Complete 3 credit hours in statistics

- STAT 325 - Introduction to Statistics Credits: 3
- STAT 340 - Biometrics I Credits: 3
- STAT 350 - Business and Economic Statistics I Credits: 3

#### Humanities electives (6 credit hours)

(Grades of C or higher required)

#### Integrative studies (1 credit hour)

- CHM 350 - General Organic Chemistry Credits: 3
  - or
  - BIOCH 265 - Introductory Organic and Biochemistry Credits: 5
  - BIOL 198 - Principles of Biology Credits: 4
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### **Integrative studies (1 credit hour)**

(Grades of C or higher required)

(Grades of C or higher required)

- GNHE 210 - Foundations of Human Ecology Credits: 1

Choose one of the professional programs: I, II.

Program I: Coordinated program in dietetics (CP)

Professional Studies (67 credit hours)

(Grades of B or higher required)

- ACCTG 231 - Accounting for Business Operations Credits: 3
- FNDH 130 - Careers in Nutrition and Dietetics Credits: 1
- FNDH 342 - Food Production Management Credits: 4
- FNDH 426 - Financial Management in Dietetics Credits: 3
- FNDH 515 - Counseling Strategies in Dietetic Practice Credits: 3
- ~~FNDH 132 - Basic Nutrition Credits: 3~~
- ~~FNDH 400 - Human Nutrition Credits: 3~~
- ~~FNDH 413 - Science of Food Credits: 4~~
- ~~FNDH 450 - Nutritional Assessment Credits: 2~~
- ~~FNDH 510 - Life Span Nutrition Credits: 2~~
- FNDH 600 - Public Health Nutrition Credits: 3
- FNDH 620 - Nutrient Metabolism Credits: 3
- FNDH 631 - Clinical Nutrition I Credits: 3
- FNDH 632 - Clinical Nutrition II Credits: 3

Management semester

(Grades of B or higher required)

- FNDH 560 - Management in Dietetics Credits: 3
- \* FNDH 561 - Management in Dietetics Practicum Credits: 8

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- **FNDH 510 - Life Span Nutrition Credits: 2**
- FNDH 515 - Counseling Strategies in Dietetic Practice Credits: 3
- **FNDH 570 - Introduction to Research in Dietetics Practice Credits: 1**
- FNDH 600 - Public Health Nutrition Credits: 3
- FNDH 620 - Nutrient Metabolism Credits: 3
- FNDH 631 - Clinical Nutrition I Credits: 3
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- \* FNDH 561 - Management in Dietetics Practicum Credits: 8
- \* FNDH 562 - Management in Dietetics Practicum Recitation Credits: 1

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Summer semester

- FNDH 516 - Communication Competencies in Dietetics Practice Credits: 1
- \* FNDH 517 - Communication Competencies in Dietetics Practicum Credits: 1
- ~~FNDH 570 - Introduction to Research in Dietetics Practice Credits: 1~~

Clinical semester

(Grades of B or higher required)

- \* FNDH 519 - Introduction to Clinical Dietetics Credits: 1
- \* FNDH 520 - Applied Clinical Dietetics Credits: 3
- \* FNDH 521 - Clinical Dietetic Practicum Credits: 8

\*Must be admitted to the Coordinated Program in Dietetics during semester of completion of professional studies courses to enroll in ~~HMD 516~~, ~~HMD 517~~, ~~HMD 520~~, ~~HMD 521~~, ~~HMD 561~~, ~~HMD 562~~

~~Unrestricted electives (0-2 credit hours)~~

Total hours required for graduation (124 credit hours)

Program II: Didactic program in dietetics (DPD)

Professional studies (44 credit hours)

(Grades of B or higher required)

- ACCTG 231 - Accounting for Business Operations Credits: 3

## Summer semester

(Grades of B or higher required)

- FNDH 516 - Communication Competencies in Dietetics Practice Credits: 1
- \*FNDH 517 - Communication Competencies in Dietetics Practicum Credits: 1

## Clinical semester

(Grades of B or higher required)

- \* FNDH 519 - Introduction to Clinical Dietetics Credits: 1
- \* FNDH 520 - Applied Clinical Dietetics Credits: 3
- \* FNDH 521 - Clinical Dietetic Practicum Credits: 8

\*Must be admitted to the Coordinated Program in Dietetics during semester of completion of professional studies courses to enroll in ~~FNDH 516~~, ~~FNDH 517~~, ~~FNDH 519~~, ~~FNDH 520~~, ~~FNDH 521~~, ~~FNDH 561~~, ~~FNDH 562~~

**Total hours required for graduation (122-125 credit hours)**

**Program II: Didactic program in dietetics (DPD)**

**Professional studies (44 credit hours)**

(Grades of B or higher required)

- ACCTG 231 - Accounting for Business Operations Credits: 3



- FNDH 130 - Careers in Nutrition and Dietetics Credits: 1
- 
- FNDH 342 - Food Production Management Credits: 4
- FNDH 426 - Financial Management in Dietetics Credits: 3
- FNDH 515 - Counseling Strategies in Dietetic Practice Credits: 3
- \* FNDH 560 - Management in Dietetics Credits: 3
- \* FNDH 570 - Introduction to Research in Dietetics Practice Credits: 1
- ~~FNDH 132 - Basic Nutrition Credits: 3~~
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- FNDH 620 - Nutrient Metabolism Credits: 3
- FNDH 631 - Clinical Nutrition I Credits: 3
- FNDH 632 - Clinical Nutrition II Credits: 3

\*Must be admitted into the DPD program ~~three semesters prior to graduation~~ to enroll in ~~HMD 560 and HMD 570~~.

**Unrestricted electives (15-18 credit hours)**

Total hours required for graduation (120 credit hours)

- FNDH 130 - Careers in Nutrition and Dietetics Credits: 1
- **FNDH 132 - Basic Nutrition Credits: 3**
- FNDH 342 - Food Production Management Credits: 4
- **FNDH 400 - Human Nutrition Credits: 3**
- **FNDH 413 - Science of Food Credits: 4**
- FNDH 426 - Financial Management in Dietetics Credits: 3
- **FNDH 450 - Nutritional Assessment Credits: 2**
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- FNDH 620 - Nutrient Metabolism Credits: 3
- FNDH 631 - Clinical Nutrition I Credits: 3
- FNDH 632 - Clinical Nutrition II Credits: 3

\*

Must be admitted into the DPD program to enroll in **FNDH 560**.

**Unrestricted electives (18-21 credit hours)**

**Total hours required for graduation (120 credit hours)**

## Polytechnic - Technology & Aviation

### **Applied Business minor -new**

**Rationale:** At the request of the College of Business Administration, the Polytechnic Campus must convert all of the College of Business Administration courses taught on the Polytechnic Campus to College of Technology and Aviation courses. The administrations of the two colleges agree that the College of Technology and Aviation will convert the course number pre-fixes from MANGT, FINAN, and MKTG all to BUS. In addition to the course number pre-fixes, the course names on the Polytechnic Campus will all change to identify the courses as different from the College of Business Administration courses. The course descriptions will remain equivalent until such time as either college makes changes to them.

This process will allow the Polytechnic Campus to adjust the content of the business courses to better fit the needs of the Polytechnic Campus students, while affording the College of Business Administration greater control over the content of their courses.

College of Business Administration faculty members have expressed concern that students on the Polytechnic Campus currently earn the Business Minor without actually taking courses from the College of Business Administration faculty. The Applied Business Minor from the College of Technology and Aviation is intended to replace the Business Minor from the College of Business Administration on the Polytechnic Campus. In addition to the coursework required for the Business Minor, those students earning the Applied Business Minor must complete the Integrated Technology Management Capstone, a three credit-hour course designed to integrate the learning achieved across the accounting, finance, management, and marketing courses within the minor, and offering opportunities to apply this learning to their specific academic disciplines.

Students of the Polytechnic Campus generally major in such areas as Aviation, Engineering Technology, Unmanned Aircraft Systems, and similar hands-on disciplines which prepare them for careers in which business skills greatly enhance their employment opportunities. Therefore, it is critical to the continued success of the Polytechnic Campus programs to establish this enhanced business education opportunity.

**Impact:** The creation of this Applied Business Minor will affect only the Polytechnic Campus. The College of Business Administration requested a separation of business courses between the two campuses.

	<p><b><u>Proposed: Applied Business Minor</u></b> <b><u>18 credit hours</u></b></p> <p><u>Upon graduation, most students will be involved in organizations, both profit or nonprofit, that will use business concepts and principles to improve their services or products. To complete the Applied Business Minor, students must graduate from Kansas State University and complete the business courses listed below:</u></p>
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	<p><b>Required (18 credit hours)</b></p> <p>BUS 251 Financial Accounting..... 3</p> <p>BUS 252 Managerial Accounting ..... 3</p> <p>BUS 400 Marketing Techniques and Applications..... 3</p> <p>BUS 420 Management Perspectives ..... 3</p> <p>BUS 450 Integrated Finance ..... 3</p> <p>BUS 520 Integrated Technology Management Capstone..... 3</p> <p><u>The Applied Business minor is available to non-Business and non-Applied Business and Technology majors who will graduate from K-State. At least four of the six required courses must be completed at Kansas State University. Students must achieve a cumulative 2.50 GPA (K-State and transfer grades) in the six required courses to complete the minor. Note: Transfer grade of a “D” does not transfer.</u></p>
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