

UNIVERSITY CURRICULUM COMMITTEE MINUTES

Date: December 7, 2017

Minutes Approved by:  Date Approved 2/16/18

TO: Dr. Eric Pani
Vice President of Academic Affairs

FROM: Dr. Lon Smith, Chair
University Curriculum Committee

FACULTY MEMBERS PRESENT: R. Carpenter, D. Eichhorn, J. Giles,
C. Gissendanner, R. Hensley, J. Herrock, A. Horne, K. Kaminski, C. Kogut, S.
Powell, A. Rodriguez, G. Smith, L. Smith, C. Vangelisti A. Wiedemeier

FACULTY MEMBERS ABSENT:

FACULTY MEMBERS EXCUSED:

EX-OFFICIO MEMBERS PRESENT: D. Beaver, K. Dawson, D. DeJarnette, K. Smith

EX-OFFICIO MEMBERS ABSENT:

EX-OFFICIO MEMBERS EXCUSED:

1. THE COLLEGE OF ART, EDUCATION AND SCIENCE requests:

Presenter:	T. Murphy
Action:	Add new Course ATMS 4000 Field Studies of Convection
Proposed Description: ATMS 4000 - Field Studies of Convection (6 Cr.) Field observation of deep moist convection and its associated phenomena. Course fee required. Prerequisites: credit in ATMS 3025 or approval of instructor.	
Credit Hours:	6
Current Level:	U
Activity Type:	LEC/LAB
Maximum Hours to Be Earned:	6
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	Maymester 2018
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	FIELD CONVECTION
UCC Decision:	APPROVED
Notes:	

2. THE COLLEGE OF ART, EDUCATION AND SCIENCE requests:

Presenter:	T. Murphy
Action:	Add new Course ATMS 1025 Introduction to Forecasting Lab
Proposed Description: ATMS 1025 - Introduction to Forecasting Lab <hr/> (1 Cr.) A laboratory course designed to expose students to basic weather forecasting techniques. Prerequisites: Credit in ATMS 1003.	
Credit Hours:	1
Current Level:	U
Activity Type:	LAB
Maximum Hours to Be Earned:	1
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	Spring 2018
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	INTRO FORECAST LAB
UCC Decision:	APPROVED
Notes:	

3. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Gissendanner
Action:	Change catalog content under Biology, B.S. http://catalog.ulm.edu/preview_program.php?catoid=25&poid=2864&returnto=3112

Current Catalog Content:

Biology list electives A-D

A. Cell/Developmental/Molecular Biology:

- BIOL 2014 - Introductory Microbiology and
- BIOL 2015 - Introductory Microbiology Laboratory
- BIOL 2020 - Cell Biology *
- BIOL 3006 - Genetics Laboratory (an elective that could accompany BIOL 3005)
- BIOL 4008 - Cellular Physiology and
- BIOL 4009 - Cellular Physiology Lab
- BIOL 4017 - Developmental Biology and
- BIOL 4018 - Developmental Biology Laboratory
- BIOL 4019 - Advanced Concepts in Genetics and Molecular Biology
- BIOL 4022 - Histology
- BIOL 4060 - Pathogenic Bacteriology *
- BIOL 4062 - Food and Dairy Microbiology and
- BIOL 4063 - Food and Dairy Micro Laboratory
- BIOL 4066 - Advanced Microbiology *
- BIOL 4068 - General Virology and
- BIOL 4069 - General Virology Laboratory
- BIOL 4070 - Immunology - Concepts and Principles *

B. Organismal Biology:

- BIOL 2004 - Plant Diversity and
- BIOL 2005 - Plant Diversity Laboratory
- BIOL 2010 - Animal Diversity
- BIOL 2014 - Introductory Microbiology and
- BIOL 2015 - Introductory Microbiology Laboratory
- BIOL 2028 - Pathophysiology *
- BIOL 2030 - Plant and Animal Form and Function
- BIOL 2040 - Human Anatomy and
- BIOL 2041 - Human Anatomy Laboratory
- BIOL 3010 - Human Physiology and
- BIOL 3013 - Human Physiology Laboratory
- BIOL 3016 - Comparative Anatomy
- BIOL 3030 - Invertebrate Zoology
- BIOL 3032 - Vertebrate Zoology

- BIOL 4012 - Plant Physiology
- BIOL 4014 - Animal Physiology
- BIOL 4115 - Biomedical Ethics
- BIOL 4025 - Neurology and
- BIOL 4026 - Neurology Laboratory
- BIOL 4034 - Field Botany
- BIOL 4036 - Dendrology
- BIOL 4040 - Taxonomy of Vascular Plants
- BIOL 4051 - Field Biology
- BIOL 4072 - Introductory Parasitology and
- BIOL 4073 - Introductory Parasitology Laboratory
- BIOL 4078 - Ichthyology
- BIOL 4080 - Herpetology
- BIOL 4082 - Mammalogy
- BIOL 4084 - Ornithology *
- BIOL 4086 - Game Birds
- BIOL 4088 - Game Mammals and Fur Bearers

C. Ecology/Environmental Science/Wildlife & Fisheries:

- BIOL 2001 - Environmental Science *
- BIOL 3002 - Principles of Ecology
- BIOL 3020 - Conservation Biology *
- BIOL 4004 - Ecological Methods *
- BIOL 4044 - Plant Ecology
- BIOL 4051 - Field Biology
- BIOL 4064 - Water Management *
- BIOL 4076 - Freshwater Ecology
- BIOL 4086 - Game Birds
- BIOL 4088 - Game Mammals and Fur Bearers

D. Evolution/Systematics:

- BIOL 2004 - Plant Diversity and
- BIOL 2005 - Plant Diversity Laboratory
- BIOL 2010 - Animal Diversity
- BIOL 2030 - Plant and Animal Form and Function
- BIOL 3008 - Introduction to Evolutionary Biology *
- BIOL 3030 - Invertebrate Zoology
- BIOL 3032 - Vertebrate Zoology
- BIOL 4036 - Dendrology
- BIOL 4040 - Taxonomy of Vascular Plants
- BIOL 4072 - Introductory Parasitology and
- BIOL 4073 - Introductory Parasitology Laboratory
- BIOL 4078 - Ichthyology
- BIOL 4080 - Herpetology
- BIOL 4082 - Mammalogy
- BIOL 4084 - Ornithology

Proposed Catalog Content:

Biology list electives A-D

A. Cell/Developmental/Molecular Biology:

- BIOL 2014 - Introductory Microbiology and
- BIOL 2015 - Introductory Microbiology Laboratory
- BIOL 2018 - Principles of Biotechnology
- BIOL 2020 - Cell Biology *
- BIOL 3006 - Genetics Laboratory (an elective that could accompany BIOL 3005)
- BIOL 4008 - Cellular Physiology and
- BIOL 4009 - Cellular Physiology Lab
- BIOL 4017 - Developmental Biology and
- BIOL 4018 - Developmental Biology Laboratory
- BIOL 4019 - Advanced Concepts in Genetics and Molecular Biology
- BIOL 4022 - Histology
- BIOL 4060 - Pathogenic Bacteriology *
- BIOL 4062 - Food and Dairy Microbiology and
- BIOL 4063 - Food and Dairy Micro Laboratory
- BIOL 4066 - Advanced Microbiology *
- BIOL 4068 - General Virology and
- BIOL 4069 - General Virology Laboratory
- BIOL 4070 - Immunology - Concepts and Principles *
- BIOL 4112 - Microbes and Man *

B. Organismal Biology:

- BIOL 2004 - Plant Diversity and
- BIOL 2005 - Plant Diversity Laboratory
- BIOL 2010 - Animal Diversity
- BIOL 2014 - Introductory Microbiology and
- BIOL 2015 - Introductory Microbiology Laboratory
- BIOL 2028 - Pathophysiology *
- BIOL 2030 - Plant and Animal Form and Function
- BIOL 2040 - Human Anatomy and
- BIOL 2041 - Human Anatomy Laboratory
- BIOL 2050 - Economic Plants *

- BIOL 3010 - Human Physiology and
- BIOL 3013 - Human Physiology Laboratory
- BIOL 3016 - Comparative Anatomy
- BIOL 3030 - Invertebrate Zoology
- BIOL 3032 - Vertebrate Zoology
- BIOL 4012 - Plant Physiology
- BIOL 4014 - Animal Physiology
- BIOL 4111 - Genetics and Society*
- BIOL 4115 - Biomedical Ethics
- BIOL 4025 - Neurology and
- BIOL 4026 - Neurology Laboratory
- BIOL 4034 - Field Botany
- BIOL 4036 - Dendrology
- BIOL 4040 - Taxonomy of Vascular Plants
- BIOL 4051 - Field Biology
- BIOL 4072 - Introductory Parasitology and
- BIOL 4073 - Introductory Parasitology Laboratory
- BIOL 4078 - Ichthyology
- BIOL 4080 - Herpetology
- BIOL 4082 - Mammalogy
- BIOL 4084 - Ornithology *
- BIOL 4086 - Game Birds
- BIOL 4088 - Game Mammals and Fur Bearers

C. Ecology/Environmental Science/Wildlife & Fisheries:

- BIOL 2001 - Environmental Science *
- BIOL 3002 - Principles of Ecology
- BIOL 3020 - Conservation Biology *
- BIOL 4004 - Ecological Methods *
- BIOL 4044 - Plant Ecology
- BIOL 4051 - Field Biology
- BIOL 4064 - Water Management *
- BIOL 4076 - Freshwater Ecology
- BIOL 4086 - Game Birds
- BIOL 4088 - Game Mammals and Fur Bearers
- BIOL 4113 - Ecosystems and Communities*

D. Evolution/Systematics:

- BIOL 2004 - Plant Diversity and
- BIOL 2005 - Plant Diversity Laboratory
- BIOL 2010 - Animal Diversity
- BIOL 2030 - Plant and Animal Form and Function
- BIOL 3008 - Introduction to Evolutionary Biology *
- BIOL 3016 - Comparative Anatomy
- BIOL 3030 - Invertebrate Zoology

<ul style="list-style-type: none"> • <u>BIOL 3032 - Vertebrate Zoology</u> • <u>BIOL 4036 - Dendrology</u> • <u>BIOL 4040 - Taxonomy of Vascular Plants</u> • <u>BIOL 4072 - Introductory Parasitology</u> and • <u>BIOL 4073 - Introductory Parasitology Laboratory</u> • <u>BIOL 4078 - Ichthyology</u> • <u>BIOL 4080 - Herpetology</u> • <u>BIOL 4082 - Mammalogy</u> • <u>BIOL 4084 - Ornithology</u> • BIOL 4114 – Science, Biology and Evolution* 	
Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

4. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Gissendanner
Action:	Change catalog content, add BIOL 4030 – DNA Analysis in Molecular Biology
Change to catalog: BIOL 4030 was previously approved as Graduate/Undergraduate but does not appear in the Graduate Catalog. This change will put BIOL 4030 in graduate catalog and have it appear in the list under “Courses of Instruction” - Biology.	
Credit Hours:	
Current Level:	GRD
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	

Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Note: Make sure BIOL 4030 is in Banner as Graduate/Undergraduate.

5. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Change Description of CHEM 1007
Current Description: CHEM 1007 - General Chemistry I 3 cr. A course in modern chemistry theories and principles; quantitative approach and problem solving; descriptive chemistry of selected elements and compounds. Three hours of lecture and one hour of recitation. Prerequisite(s): "C" or better in <u>MATH 1011</u> or <u>MATH 1013</u> , or equivalent, or eligibility for <u>MATH 1013</u> , and completion of a Chemistry Placement Exam. LCCN: CCEM 1123 F, Sp, Su 1	
Proposed Description: CHEM 1007 - General Chemistry I 3 cr. A course in modern chemistry theories and principles; quantitative approach and problem solving; descriptive chemistry of selected elements and compounds. Three hours of lecture. Prerequisite(s): "C" or better in <u>MATH 1011</u> or <u>MATH 1013</u> , or equivalent, or eligibility for <u>MATH 1013</u> . LCCN: CCEM 1123 F, Sp, Su 1	
Credit Hours:	
Current Level:	UND
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	

Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted

6. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Change Description of CHEM 1008
Current Description:	
<p>CHEM 1008 - General Chemistry II</p> <p>3 cr.</p> <p>A continuation of <u>CHEM 1007</u>; continuation of theory with emphasis on chemical equilibria; a quantitative approach to solution chemistry; descriptive chemistry of selected elements and compounds from the main groups and the first transition series.</p> <p>Three hours of lecture and one hour of recitation.</p> <p>Prerequisite(s): "C" or better in <u>CHEM 1007</u>. F, Sp, Su 2</p> <p>LCCN: CCEM 1133</p>	
Proposed Description:	
<p>CHEM 1008 - General Chemistry II</p> <p>3 cr.</p> <p>A continuation of <u>CHEM 1007</u>; continuation of theory with emphasis on chemical equilibria; a quantitative approach to solution chemistry; descriptive chemistry of selected elements and compounds from the main groups and the first transition series.</p> <p>Three hours of lecture.</p> <p>Prerequisite(s): "C" or better in <u>CHEM 1007</u>. F, Sp, Su 2</p> <p>LCCN: CCEM 1133</p>	
Credit Hours:	
Current Level:	UND
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	

Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted

7. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Close and Remove CHEM 2020 – Introduction to Physical Chemistry
Credit Hours:	
Current Level:	UND
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

8. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Change Description and Prerequisite of CHEM 4030
Current Description: CHEM 4030 - Advanced Organic Chemistry 3 cr. A mechanistic study of prevailing organic reactions via structural and electronic effects. Three hours of lecture per week. Prerequisite(s): "C" or better in <u>CHEM 2032</u> and <u>CHEM 3022</u> . Sp, odd	
Proposed Description: CHEM 4030 - Advanced Organic Chemistry 3 cr. A mechanistic study of prevailing organic reactions via structural and electronic effects. Three hours of lecture per week. Prerequisite(s): "C" or better in <u>CHEM 2032</u> and CHEM 3020. Sp, odd	

Credit Hours:	
Current Level:	UND
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted

9. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Add new course CHEM 4040 – Medicinal Chemistry
Proposed Description: CHEM 4040 - Medicinal Chemistry 4 cr. Introduction to the principles and methods of medicinal chemistry, including synthesis of pharmaceutically important compounds, their structure/activity relationships, drug-action, usage and incompatibilities. Three hours of lecture and three hours of laboratory. Prerequisite(s): "C" or better in CHEM 4030 or permission of the instructor. Sp, even	
Credit Hours:	4
Current Level:	UND
Activity Type:	LEC/LAB
Maximum Hours to Be Earned:	4
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	Spring 2019
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	MEDICINAL CHEM
UCC Decision:	APPROVED
Notes:	

10. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Add new course CHEM 4044 – Forensic Chemistry
Proposed Description: CHEM 4040 - Forensic Chemistry 4 cr. Introduction to the underlying chemistry concepts and scientific methods as applied in the study of forensic chemistry. Three hours of lecture and three hours of laboratory. Prerequisite(s): "C" or better in CHEM 2032, 2040 and 2041, or equivalent or permission of the instructor. Sp, even	
Credit Hours:	4
Current Level:	UND
Activity Type:	LEC/LAB
Maximum Hours to Be Earned:	4
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	Spring 2019
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	FORENSIC CHEM
UCC Decision:	APPROVED
Notes:	

11. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Create new Chemistry, B.S.
Proposed Degree Plan: Chemistry, B.S. Freshman Year <ul style="list-style-type: none"> • BIOL 1020 ...3 • CHEM 10073 • CHEM 1008 ...3 • CHEM 1009 ...1 • CHEM 1010 ...1 • ENGL 1001 ...3 • ENGL 1002 ...3 • MATH 1031 ...4 • MATH 1032 ...4 • Fine Arts Elective...3 • Humanities Elective ...3 	

- UNIV 1001 ...(1)
- Total Hours: 31 (32)

Sophomore Year

- CHEM 2030
 - CHEM 2031
 - CHEM 2032
 - CHEM 2033
 - CHEM 2040
 - CHEM 2041
 - MATH 2032
 - PHYS 2007 ...3
 - PHYS 2008 ...3
 - PHYS 2009 ...1
 - PHYS 2010 ...
 - Humanities Elective...3
 - Social/Behavioral Science Elective...3
- Total Hours: 31

Junior Year

- CHEM 3020
 - CHEM 3021
 - CHEM 3022
 - CHEM 3023
 - CHEM 3010
 - CHEM 3050
 - CHEM 3051
 - MATH Elective (2002 or 3001) ...3
 - General Electives ...12
- Total Hours: 31

Senior Year

- CSCI 2000
 - ENGL 3022
 - Upper Level Chemistry Elective
(Select 2 from: CHEM 3052, 4007, 4013, 4030, or 4031) ...6
 - Humanities Elective ... 3
 - Social/Behavioral Science Elective...3
 - General Electives ...9
- Total Hours: 27

Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

12. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Create new Chemistry, B.S. with Biochemistry Concentration
Proposed Degree Plan: Chemistry, B.S. Biochemistry Concentration	
Freshman Year <ul style="list-style-type: none"> • BIOL 1020 ...3 • BIOL 1021 ..1 • CHEM 10073 • CHEM 1008 ...3 • CHEM 1009 ...1 • CHEM 1010 ...1 • ENGL 1001 ...3 • ENGL 1002 ...3 • MATH 1031 ...4 • MATH 1032 ...4 • Fine Arts Elective...3 • UNIV 1001 ...(1) Total Hours: 29 (30)	
Sophomore Year <ul style="list-style-type: none"> • BIOL 2014 • BIOL 2015 • CHEM 2030 • CHEM 2031 • CHEM 2032 • CHEM 2033 • CHEM 2040 • CHEM 2041 • PHYS 2007 ...3 • PHYS 2008 ...3 • PHYS 2009 ...1 • PHYS 2010 ...1 • Humanities Elective...3 • Social/Behavioral Science Elective...3 Total Hours: 31	
Junior Year <ul style="list-style-type: none"> • BIOL 2020 • CHEM 3010 • CHEM 3050 • CHEM 3051 • CHEM 3052 • Humanities Elective...3 • Social/Behavioral Science Elective...3 • General Electives ...9 Total Hours: 29	
Senior Year <ul style="list-style-type: none"> • BIOL 3005 • BIOL 3006 • CHEM 3020 • CHEM 3021 • CSCI 2000 • ENGL 3022 • Humanities Elective ... 3 	

<ul style="list-style-type: none"> General Electives ...14 Total Hours: 31	
Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

13. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Create new Chemistry, B.S. with Medical Chemistry Concentration
Proposed Degree Plan: Chemistry, B.S. Medical Chemistry Concentration Freshman Year <ul style="list-style-type: none"> BIOL 1020 ...3 BIOL 1021 ..1 CHEM 10073 CHEM 1008 ...3 CHEM 1009 ...1 CHEM 1010 ...1 ENGL 1001 ...3 ENGL 1002 ...3 MATH 1031 ...4 MATH 1032 ...4 Fine Arts Elective...3 UNIV 1001 ...(1) Total Hours: 29 (30)	
Sophomore Year <ul style="list-style-type: none"> BIOL 2020 CHEM 2030 CHEM 2031 CHEM 2032 CHEM 2033 CHEM 2040 CHEM 2041 PHYS 2007 ...3 PHYS 2008 ...3 PHYS 2009 ...1 PHYS 2010 ...1 Humanities Elective...3 Social/Behavioral Science Elective...3 Total Hours: 30	

Junior Year

- BIOL 2040
- BIOL 2041
- CHEM 3020
- CHEM 3021
- CHEM 3050
- CHEM 3051
- CHEM 3052
- CHEM 4031
- Humanities Elective...3
- Social/Behavioral Science Elective...3
- General Electives ...9

Total Hours: 32

Senior Year

- BIOL 3010
- BIOL 3013
- CHEM 4030
- CHEM 4040
- CSCI 2000
- ENGL 3022
- Humanities Elective ... 3
- General Electives ...9

Total Hours: 31

Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

14. THE SCHOOL OF SCIENCE requests:

Presenter:	C. Thurlkill
Action:	Create new Chemistry, B.S. with Forensic Chemistry Concentration
Proposed Degree Plan:	
Chemistry, B.S. Forensic Chemistry Concentration	
Freshman Year	
<ul style="list-style-type: none"> • BIOL 1020 ...3 • BIOL 1021 ..1 • CHEM 10073 • CHEM 1008 ...3 • CHEM 1009 ...1 • CHEM 1010 ...1 	

- ENGL 1001 ...3
 - ENGL 1002 ...3
 - MATH 1031 ...4
 - MATH 1032 ...4
 - Fine Arts Elective...3
 - UNIV 1001 ...(1)
- Total Hours: 29 (30)

Sophomore Year

- BIOL 2020
 - CHEM 2030
 - CHEM 2031
 - CHEM 2032
 - CHEM 2033
 - CHEM 2040
 - CHEM 2041
 - PHYS 2007 ...3
 - PHYS 2008 ...3
 - PHYS 2009 ...1
 - PHYS 2010 ...1
 - TOXI 1001
 - Humanities Elective...3
- Total Hours: 30

Junior Year

- BIOL 3005
 - BIOL 3006
 - CHEM 3010
 - CHEM 3050
 - CHEM 3051
 - CJUS 2033
 - TOXI 3001
 - Humanities Elective...3
 - Social/Behavioral Science Elective...3
 - General Electives ...6
- Total Hours: 30

Senior Year

- CHEM 3020
 - CHEM 3021
 - CHEM 4044
 - CSCI 2000
 - CJUS 3001
 - CJUS 3030
 - ENGL 3022
 - Humanities Elective ... 3
 - Social/Behavioral Science Elective...3
 - General Electives ...5
- Total Hours: 31

Credit Hours:	
Current Level:	U
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	

Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

15. THE SCHOOL OF PHARMACY requests:

Presenter:	G. Smith
Action:	Add new Course PHRD 5072 Landmark Clinical Trials
Proposed Description: PHRD 5072 – Landmark Clinical Trials	
<p>(3 Cr.) Advanced medical literature evaluation with focus on “landmark” trials, those which have a substantive influence on evidence-based medicine and clinical practice. Prerequisite(s): PHRD 4052, PHRD 4074 and credit or registration in PHRD 4081</p>	
Credit Hours:	3
Current Level:	PROF
Activity Type:	LEC
Maximum Hours to Be Earned:	3
Cross-Listed:	N/A
Change Effective:	Spring 2018
First Term Offered:	Spring 2018
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	LANDDMARK TRIALS
UCC Decision:	APPROVED
Notes:	

16. THE SCHOOL OF EDUCATION requests:

Presenter:	L. Clark
Action:	Change Elementary Education (Grades 1-5), B.S. degree plan

Current Degree Plan:**Required for a Major in Elementary Education**

- CURR 2001 - Educational Foundations for Diverse Learning Environments
- CURR 2085 - Application of Instructional Media and Technology
- CURR 3077 - Classroom, Behavior, and Instructional Management-Elementary
- CURR 4001 - Assessment Principles and Practice for All Learners
- ELED 3040 - Balanced Literacy: Primary Grades
- ELED 3041 - Balanced Literacy: Intermediate Grades
- ELED 3042 - Elementary Social Studies Methods
- ELED 4041 - Science Methodology
- ELED 4042 - Lower Elementary Mathematics Methodology
- ELED 4043 - Upper Elementary Mathematics Methodology
- ELED 4061 - Student Teaching in the Lower Elementary School
- ELED 4063 - Student Teaching in the Upper Elementary School
- PSYC 2003 - Child Psychology
- PSYC 3001 - Educational Psychology
- SPED 2002 - Survey of the Education of Children with Special Needs

Total Hours 59**Freshman Year**

- **Core English Composition 6 cr. ***
- MATH 1009 - Applied Algebra for College Students^{cm} **or**
- MATH 1011 - College Algebra^{cm}
- MATH 2050 - Numerical Foundations for Teachers^{cm}
- PHYS 1050 - Integrated Physics for Education Majors
- CHEM 1050 - Integrated Chemistry for Education Majors^{cnp}
- HIST 1011 - World Civilization I^{ch}
- HIST 2002 - United States History II^{ch}
- CURR 2085 - Application of Instructional Media and Technology
- PSYC 2001 - Introduction to Psychology^{cs}
- UNIV 1001 - University Seminar

Total Hours 30**Sophomore Year**

- ENGL 2005 - American Literature I^{ch}
- ENGL 2006 - American Literature II^{ch}
- MATH 2055 - Mathematical and Statistical Foundations for Elementary Teachers
- MATH 3050 - Geometry and Measurement for Elementary Teachers
- BIOL 1050 - Integrated Biology for Education Majors^{cnp}
- CURR 2001 - Educational Foundations for Diverse Learning Environments

- GEOS 1050 - Integrated Geosciences for Education Majors
- PSYC 2003 - Child Psychology ^{cnp}
- ART 4011 - Art Education for the Elementary School ^{cf} **or**
- MSED 3035 - Music Education for the Elementary Grades ^{cf}
- HIST 3005 - Louisiana History
- GEOG 1003 - Systematic Geography

Total Hours 33

Junior Year

- ELED 3040 - Balanced Literacy: Primary Grades
- ELED 3041 - Balanced Literacy: Intermediate Grades
- SPED 2002 - Survey of the Education of Children with Special Needs
- PSYC 3001 - Educational Psychology
- CURR 3077 - Classroom, Behavior, and Instructional Management-Elementary
- SPED 3010 - Behavior Support and Interventions
- KINS 4042 - Health and Physical Education Program Development
- CURR 4001 - Assessment Principles and Practice for All Learners

Total Hours 30

Senior Year

- ELED 3042 - Elementary Social Studies Methods
- ELED 4041 - Science Methodology
- ELED 4042 - Lower Elementary Mathematics Methodology
- ELED 4043 - Upper Elementary Mathematics Methodology
- GEOL 1010 - The Age of Dinosaurs
- KINS 3033 - Activities for Elementary School
- ELED 4061 - Student Teaching in the Lower Elementary School
- ELED 4062 - Student Teaching for Early Childhood Education
- or**
- ELED 4063 - Student Teaching in the Upper Elementary School

Total Hours 27

Total hours for degree 120

Proposed Degree Plan:

Required for a Major in Elementary Education

-
- CURR 2001 - Educational Foundations for Diverse Learning Environments
 - CURR 2085 - Application of Instructional Media and Technology
 - CURR 3077 - Classroom, Behavior, and Instructional Management-Elementary
 - CURR 4001 - Assessment Principles and Practice for All Learners
 - ELED 3040 - Balanced Literacy: Primary Grades

- ELED 3041 - Balanced Literacy: Intermediate Grades
- ELED 3042 - Elementary Social Studies Methods
- ELED 4041 - Science Methodology
- ELED 4042 - Lower Elementary Mathematics Methodology
- ELED 4043 - Upper Elementary Mathematics Methodology
- ELED 4061 - Student Teaching in the Lower Elementary School
- ELED 4063 - Student Teaching in the Upper Elementary School
- PSYC 2003 - Child Psychology
- PSYC 3001 - Educational Psychology
- SPED 2002 - Survey of the Education of Children with Special Needs

Total Hours 59

Freshman Year

- **Core English Composition 6 cr. ***
- MATH 1009 - Applied Algebra for College Students^{cm} or
- MATH 1011 - College Algebra^{cm}
- MATH 2050 - Numerical Foundations for Teachers^{cm}
- **ULM Core Natural/Physical Science**
- **ULM Core Natural/Physical Science**
- HIST 1011 - World Civilization I^{ch}
- HIST 2002 - United States History II^{ch}
- CURR 2085 - Application of Instructional Media and Technology
- PSYC 2001 - Introduction to Psychology^{cs}
- UNIV 1001 - University Seminar

Total Hours 30

Sophomore Year

- ENGL 2005 - American Literature I^{ch}
- ENGL 2006 - American Literature II^{ch}
- MATH 2055 - Mathematical and Statistical Foundations for Elementary Teachers
- MATH 3050 - Geometry and Measurement for Elementary Teachers
- **ULM Core Natural/Physical Science**
- CURR 2001 - Educational Foundations for Diverse Learning Environments
- **ULM Core Natural/Physical Science**
- PSYC 2003 - Child Psychology^{cnp}
- ART 4011 - Art Education for the Elementary School^{cf} or
- MSED 3035 - Music Education for the Elementary Grades^{cf}
- HIST 3005 - Louisiana History
- GEOG 1003 - Systematic Geography

Total Hours 33**Junior Year**

- ELED 3040 - Balanced Literacy: Primary Grades
- ELED 3041 - Balanced Literacy: Intermediate Grades
- SPED 2002 - Survey of the Education of Children with Special Needs
- PSYC 3001 - Educational Psychology
- CURR 3077 - Classroom, Behavior, and Instructional Management-Elementary
- SPED 3010 - Behavior Support and Interventions
- KINS 4042 - Health and Physical Education Program Development
- CURR 4001 - Assessment Principles and Practice for All Learners

Total Hours 30**Senior Year**

- ELED 3042 - Elementary Social Studies Methods
- ELED 4041 - Science Methodology
- ELED 4042 - Lower Elementary Mathematics Methodology
- ELED 4043 - Upper Elementary Mathematics Methodology

- **GEOS 1010 – Natural Disaster and Hazards**
or
- **ATMS 1001 – Introduction to the Atmosphere**

- KINS 3033 - Activities for Elementary School
- ELED 4061 - Student Teaching in the Lower Elementary School
- ELED 4062 - Student Teaching for Early Childhood Education
or
- ELED 4063 - Student Teaching in the Upper Elementary School

Total Hours 27**Total hours for degree 120**

Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted

17. THE SCHOOL OF EDUCATION requests:

Presenter:	L. Clark
Action:	Change Secondary Education and Teaching: English Education (Grades 6-12), B.S. degree plan
Current Degree Plan: Freshman Year <hr/> <ul style="list-style-type: none"> • <u>ENGL 1001 - Composition I</u> ^{ce} • <u>ENGL 1002 - Composition II</u> ^{ce} • <u>MATH 1011 - College Algebra</u> ^{cm} • <u>MATH 1012 - Trigonometry</u> ^{cm} or • <u>MATH 1016 - Elementary Statistics</u> ^{cm} or • <u>MATH 1018 - Contemporary Mathematics</u> ^{cm} • Core Natural/Physical Science 6 cr. • <u>CURR 2085 - Application of Instructional Media and Technology</u> • Foreign Language Elective 3 cr. • <u>PSYC 2001 - Introduction to Psychology</u> ^{cs} • <u>UNIV 1001 - University Seminar</u> Total Hours 27	
Proposed Degree Plan: Freshman Year <hr/> <ul style="list-style-type: none"> • <u>ENGL 1001 - Composition I</u> ^{ce} • <u>ENGL 1002 - Composition II</u> ^{ce} • <u>MATH 1011 - College Algebra</u> ^{cm} or • MATH 1009 - Applied Algebra for College Students Recitation • <u>MATH 1012 - Trigonometry</u> ^{cm} or • <u>MATH 1016 - Elementary Statistics</u> ^{cm} or • <u>MATH 1018 - Contemporary Mathematics</u> ^{cm} • Core Natural/Physical Science 6 cr. • <u>CURR 2085 - Application of Instructional Media and Technology</u> • Foreign Language Elective 3 cr. • <u>PSYC 2001 - Introduction to Psychology</u> ^{cs} • <u>UNIV 1001 - University Seminar</u> Total Hours 27	
Credit Hours:	
Current Level:	
Activity Type:	

Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted, change only in Freshman year

18. THE SCHOOL OF EDUCATION requests:

Presenter:	L. Clark
Action:	Change Secondary Secondary Education and Teaching: French Education (Grades K-12), B.S. degree plan

Current Degree Plan:

Freshman Year

- **Core English Composition 6 cr. ***
- MATH 1011 - College Algebra ^{cm}
- **Core Mathematics 3 cr. ***
- PHYS 1050 - Integrated Physics for Education Majors
- FRNH 1002 - Elementary French II
- FRNH 2005 - Intermediate French I and II
- CURR 2085 - Application of Instructional Media and Technology
- PSYC 2001 - Introduction to Psychology
- UNIV 1001 - University Seminar

Total Hours 30

Sophomore Year

- CHEM 1050 - Integrated Chemistry for Education Majors
- GEOS 1050 - Integrated Geosciences for Education Majors
- HIST 1011 - World Civilization I ^{ch}
- HIST 2002 - United States History II ^{ch}
- MUSC 1091 - Enjoyment of Music ^{cf} **or**
- ART 1009 - Art Appreciation ^{cf} **or**
- THEA 1091 - Enjoying Theatre ^{cf}
- PSYC 2003 - Child Psychology
- PSYC 2005 - Adolescent Psychology
- FRNH 2031 - Grammar and Composition
- FRNH 3012 - Phonetics
- ENGL 2005 - American Literature I
- CURR 2001 - Educational Foundations for Diverse Learning Environments

Total Hours 33

Junior Year

- FRNH 3025 - French Culture and Civilization
- FRNH 3002 - Survey of French Literature
- FRNH 3024 - Conversation and Composition
- FRNH 4074 - Second Language Acquisition
- PSYC 3001 - Educational Psychology ^{uc}
- CURR 3003 - Middle and Secondary School Methods I
- CURR 3076 - Classroom, Behavior, and Instructional Management-Secondary
- CURR 4001 - Assessment Principles and Practice for All Learners
- ELED 3041 - Balanced Literacy: Intermediate Grades

Total Hours 33

Senior Year

- FRNH 4003 - Literature of the Francophone World
- FRNH 4015 - Advanced Language Development
- FRNH 4075 - Language, Culture and the Classroom
- READ 4019 - Teaching Reading – for Secondary Teachers
- CURR 4056 - Student Teaching in High School
- CURR 4084 - Practicum – Elementary

Total Hours 24

Total hours for degree 120

Proposed Degree Plan: Freshman Year

- **Core English Composition 6 cr. ***
- MATH 1011 - College Algebra^{cm}
or
- **MATH 1009 - Applied Algebra for College Students Recitation**
- **Core Mathematics 3 cr. ***
- **ULM Core Natural/Physical Science**
- FRNH 1002 - Elementary French II
- FRNH 2005 - Intermediate French I and II
- CURR 2085 - Application of Instructional Media and Technology
- PSYC 2001 - Introduction to Psychology
- UNIV 1001 - University Seminar

Total Hours 30

Sophomore Year

- **ULM Core Natural/Physical Science**
- **ULM Core Natural/Physical Science**
- HIST 1011 - World Civilization I^{ch}
- HIST 2002 - United States History II^{ch}
- MUSC 1091 - Enjoyment of Music^{cf} or
- ART 1009 - Art Appreciation^{cf} or
- THEA 1091 - Enjoying Theatre^{cf}
- PSYC 2003 - Child Psychology
- PSYC 2005 - Adolescent Psychology
- FRNH 2031 - Grammar and Composition
- FRNH 3012 - Phonetics

- ENGL 2005 - American Literature I
- CURR 2001 - Educational Foundations for Diverse Learning Environments

Total Hours 33

Junior Year

- FRNH 3025 - French Culture and Civilization
- FRNH 3002 - Survey of French Literature
- FRNH 3024 - Conversation and Composition
- FRNH 4074 - Second Language Acquisition
- PSYC 3001 - Educational Psychology ^{uc}
- CURR 3003 - Middle and Secondary School Methods I
- CURR 3076 - Classroom, Behavior, and Instructional Management-Secondary
- CURR 4001 - Assessment Principles and Practice for All Learners
- ELED 3041 - Balanced Literacy: Intermediate Grades

Total Hours 33

Senior Year

- FRNH 4003 - Literature of the Francophone World
- FRNH 4015 - Advanced Language Development
- FRNH 4075 - Language, Culture and the Classroom
- READ 4019 - Teaching Reading – for Secondary Teachers
- CURR 4056 - Student Teaching in High School
- CURR 4084 - Practicum – Elementary

Total Hours 24

Total hours for degree 120

Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted

19. THE SCHOOL OF EDUCATION requests:

Presenter:	L. Clark
Action:	Change Secondary Education and Teaching: Social Studies Education (Grades 6-12), B.S. degree plan
Current Degree Plan: Freshman Year <hr/> <ul style="list-style-type: none"> • Core English Composition 6 cr. * • <u>MATH 1011 - College Algebra</u>^{cm} • Core Mathematics 3 cr. * • Core Natural/Physical Science 6 cr. * (3 hrs Biological) • <u>GEOG 1001 - Regional Geography</u>^{cs} • <u>SOCL 1001 - Introduction to Sociology</u> • <u>CURR 2001 - Educational Foundations for Diverse Learning Environments</u> • <u>CURR 2085 - Application of Instructional Media and Technology</u> • <u>UNIV 1001 - University Seminar</u> Total Hours 30	
Proposed Degree Plan: Freshman Year <hr/> <ul style="list-style-type: none"> • Core English Composition 6 cr. * • <u>MATH 1011 - College Algebra</u>^{cm} or • MATH 1009 - Applied Algebra for College Students Recitation • Core Mathematics 3 cr. * • Core Natural/Physical Science 6 cr. * (3 hrs Biological) • <u>GEOG 1001 - Regional Geography</u>^{cs} • <u>SOCL 1001 - Introduction to Sociology</u> • <u>CURR 2001 - Educational Foundations for Diverse Learning Environments</u> • <u>CURR 2085 - Application of Instructional Media and Technology</u> • <u>UNIV 1001 - University Seminar</u> Total Hours 30	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	

Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted, change only in Freshman year

20. THE SCHOOL OF EDUCATION requests:

Presenter:	L. Clark
Action:	Change Secondary Education and Teaching: Spanish Education (Grades K-12), B.S. degree plan

Current Degree Plan:
Freshman Year

- **Core English Composition 6 cr. ***
- MATH 1011 - College Algebra^{cm}
- **Core Mathematics 3 cr. ***
- CURR 2085 - Application of Instructional Media and Technology
- PHYS 1050 - Integrated Physics for Education Majors
- SPAN 1002 - Elementary Spanish II
- PSYC 2001 - Introduction to Psychology
- SPAN 2005 - Intermediate Spanish I and II
- UNIV 1001 - University Seminar

Total Hours 30

Sophomore Year

- CHEM 1050 - Integrated Chemistry for Education Majors
- GEOS 1050 - Integrated Geosciences for Education Majors
- HIST 1011 - World Civilization I^{ch}
- HIST 2002 - United States History II^{ch}
-
- MUSC 1091 - Enjoyment of Music^{cf} or
- ART 1009 - Art Appreciation^{cf} or
- THEA 1091 - Enjoying Theatre^{cf}
-
- PSYC 2003 - Child Psychology^{cs}
- PSYC 2005 - Adolescent Psychology
- SPAN 2031 - Grammar and Composition
- SPAN 3011 - Phonetics
- CURR 2001 - Educational Foundations for Diverse Learning Environments
- ENGL 2005 - American Literature I

Total Hours 33

Junior Year

- SPAN 4005 - Advanced Oral Language Development
- SPAN 4074 - Second Language Acquisition
-
- SPAN 3012 - Culture and Civilization of Mexico or
- SPAN 3014 - Culture and Civilization of Latin America
-
- SPAN 3001 - Survey of Spanish American Literature
- SPAN 3007 - Survey of Spanish Literature
- SPAN 3008 - Survey of Spanish Literature
- **or**
- SPAN 4008 - Contemporary Hispanic Literature in the United States

-
- **Educational Foundations 4001 3 cr.**
- CURR 3003 - Middle and Secondary School Methods I
- CURR 3076 - Classroom, Behavior, and Instructional Management-Secondary
- PSYC 3001 - Educational Psychology^{uc}
- ELED 3041 - Balanced Literacy: Intermediate Grades

Total Hours 33

Senior Year

- READ 4019 - Teaching Reading – for Secondary Teachers
- CURR 4056 - Student Teaching in High School
- CURR 4084 - Practicum – Elementary
- SPAN 3013 - Culture and Civilization of Spain
- SPAN 4005 - Advanced Oral Language Development
- SPAN 4075 - Language, Culture and the Classroom

Total Hours 24

Total hours for degree 120

Proposed Degree Plan:

Freshman Year

-
- **Core English Composition 6 cr. ***
 - MATH 1011 - College Algebra^{cm}
 - or
 - **MATH 1009 - Applied Algebra for College Students Recitation**
 - **Core Mathematics 3 cr. ***
 - CURR 2085 - Application of Instructional Media and Technology
 - **ULM Core Natural/Physical Science**
 - SPAN 1002 - Elementary Spanish II
 - PSYC 2001 - Introduction to Psychology
 - SPAN 2005 - Intermediate Spanish I and II
 - UNIV 1001 - University Seminar

Total Hours 30

Sophomore Year

-
- **ULM Core Natural/Physical Science**
 - **ULM Core Natural/Physical Science**
 - HIST 1011 - World Civilization I^{ch}
 - HIST 2002 - United States History II^{ch}
 -

- MUSC 1091 - Enjoyment of Music ^{cf} **or**
- ART 1009 - Art Appreciation ^{cf} **or**
- THEA 1091 - Enjoying Theatre ^{cf}
-
- PSYC 2003 - Child Psychology ^{cs}
- PSYC 2005 - Adolescent Psychology
- SPAN 2031 - Grammar and Composition
- SPAN 3011 - Phonetics
- CURR 2001 - Educational Foundations for Diverse Learning Environments
- ENGL 2005 - American Literature I

Total Hours 33

Junior Year

- SPAN 4005 - Advanced Oral Language Development
- SPAN 4074 - Second Language Acquisition
-
- SPAN 3012 - Culture and Civilization of Mexico **or**
- SPAN 3014 - Culture and Civilization of Latin America
-
- SPAN 3001 - Survey of Spanish American Literature
- SPAN 3007 - Survey of Spanish Literature
- SPAN 3008 - Survey of Spanish Literature
- **or**
- SPAN 4008 - Contemporary Hispanic Literature in the United States
-
- **Educational Foundations 4001 3 cr.**
- CURR 3003 - Middle and Secondary School Methods I
- CURR 3076 - Classroom, Behavior, and Instructional Management-Secondary
- PSYC 3001 - Educational Psychology ^{uc}
- ELED 3041 - Balanced Literacy: Intermediate Grades

Total Hours 33

Senior Year

- READ 4019 - Teaching Reading – for Secondary Teachers
- CURR 4056 - Student Teaching in High School
- CURR 4084 - Practicum – Elementary
- SPAN 3013 - Culture and Civilization of Spain
- SPAN 4005 - Advanced Oral Language Development
- SPAN 4075 - Language, Culture and the Classroom

Total Hours 24

Total hours for degree 120

Credit Hours:	
---------------	--

Current Level:	
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	Changes highlighted

21. ACADEMIC AFFAIRS requests:

Presenter:	M. Camille
Action:	Close and Remove Course that have not been taught in more than 10 years

Course to remove:

AGRB 3011 - Agricultural Price Analysis & Forecasting
AVIA 1002 - Introduction to Space Travel
AVIA 2021 - Instrument Ground Trainer Lab
AVIA 2023 - Instrument Pilot Ground School
AVIA 3001 - Aerodynamics
AVIA 3002 - Aviation Weather
AVIA 3013 - CBSS
AVIA 3040 - Multiengine Pilot Ground School
AVIA 4001 - Air Transportation
AVIA 4002 - Air Traffic Administration
AVIA 4003 - Aerospace Education
AVIA 4004 - Advanced Aerospace Education
AVIA 4010 - Flight Instructor Ground School
AVIA 4013 - Instrument Flight Instructor Ground School
AVIA 4014 - Instrument Flight Instructor Flight Instruction
AVIA 4015 - Aircraft Engines and Systems
AVIA 4020 - Airline Transport Pilot Ground School
AVIA 4051 - Advanced Aerospace Seminar
AVIA 4070 - Airport Administration
AVIA 4071 - Airport Planning and Operations
AVIA 4072 - Air Transportation Logistics
AVIA 4079 - Professional Internship in Airport/Aviation Mgt
AVIA 4092 - Directed Study
AVIA 4093 - Directed Study
AVIA 4094 - Directed Study
AVIA 4095 - Directed Study
AVIA 4096 - Directed Study
AVIA 491E - Directed Study
CONS 1002 - Basic Graphics
CONS 2003 - Construction Techniques
CONS 2004 - Construction Techniques Studio
CONS 2006 - Statics and Strengths of Material
CONS 2007 - Statics and Strengths of Material Lab
CONS 2014 - Interior Systems
CONS 2020 - Construction Inspection
CONS 2021 - Local and State Building Codes
CONS 2022 - Plan and Specification Reviews
CONS 2023 - Residential Inspections
CONS 2024 - Commercial and Industrial Inspections
CONS 2025 - Damaged Building Inspections
CONS 2050 - Structural Systems
CONS 2060 - Mechanical and Electrical Systems
CONS 3003 - Construction Techniques
CONS 3004 - Construction Techniques Lab
CONS 3005 - Steel Structures

CONS 3006 - Steel Structures Lab
 CONS 3008 - Concrete Structures and Form Design
 CONS 3009 - Concrete Structures and Form Design Lab
 CONS 3022 - Pipeline Construction
 CONS 3024 - Environmental Construction
 CONS 3028 - Capital Projects
 CONS 3055 - Computer Aided Design
 CONS 4010 - Analytic and Conceptual Estimating
 CONS 4012 - Advanced Project Control Seminar
 CONS 4019 - Construction Documents and Regulatory Agencies
 CONS 4061 - Directed Study
 CONS 4062 - Directed Study
 CONS 4063 - Directed Study
 CONS 4065 - Directed Study
 MRKT 3004 - Sales Management
 ORGL 3000 - Intro to Org Leadership Principles
 ORGL 3110 - Professional Writing
 ORGL 3140 - Diversity and Intercultural Understanding
 ORGL 3170 - Concepts of Org Communications
 ORG 3210 - Principles of Team Leadership
 ORGL 3240 - Quant and Qualitative Data Analysis
 ORGL 3270 - Law and Ethics
 ORGL 3340 - Critical Thinking and Analytics
 ORGL 3350 - Issues in Org Effectiveness
 ORGL 3370 - Strategic Planning In Org Cultures
 RMIN 3007 - Property and Casualty Insurance
 RMIN 3019 - Insurance Accounting
 RMIN 4010 - Insurance Internship
 RMIN 4023 - Insurance Seminar
 RMIN 4091 - Directed Study
 SOCL 1002 - Introduction to Sociology: International Perspective
 SOCL 3005 - Popular Culture
 SOCL 3010 - Sociology in Film
 SOCL 3025 - Contemporary Social Movements
 SOCL 4002 - Social Psychology
 SOCL 4006 - Religion and Society
 SOCL 4008 - Environmental Sociology
 SOCL 4036 - Seminar in Development of Sociology
 SOCL 4052 - Qualitative Research
 SOCL 4099 - Senior Seminar
 SOCL 5099 - Human Resources Foundations in Gerontology
 SOCL 5012 - Social Gerontology
 SOCL 5055 - Sociology of Law
 SOCL 5065 - Community-Based and Long Term Care
 SOCL 5067 - Programs and Public Policy
 SOCL 5075 - Research in Gerontology

SOCL 5076 - Minorities, Crime, and Criminal Justice
 PSYC 3018 - Perception Laboratory
 PSYC 5007 - Psychological Foundations of Learning
 PSYC 5027 - Professional School Psychology
 PSYC 5053 - Behavioral Intervention Laboratory
 PSYC 5089 - Topics in School Psychology: Historical...
 PSYC 5090 - Topics in School Psychology: Consultation...
 AHSC 1002 - Orientation to Allied Health Professions
 AHSC 5051 - Seminar
 COUN 4080 - Effective Parenting
 COUN 5004 - Community Mental Health Counseling
 COUN 5029 - Interagency and Interdisciplinary Teaming
 COUN 5061 - Counseling Technology and Information Systems
 COUN 6011 - College Student Personnel Services
 COUN 6033 - Advanced Addiction Counseling Techniques
 COUN 6064 - Family Consultation
 COUN 6065 - Advanced Procedures
 COUN 6066 - Advanced Theory
 DHYG 4018 - Dental Health Education
 DHYG 4031 - Advanced Periodontology
 DHYG 4036 - Periodontology
 DHYG 4037 - Oral Pathology
 DHYG 4038 - Community and Preventive Dentistry
 DHYG 4039 - Basic Sciences
 DHYG 4040 - Clinical Dental Hygiene
 HLST 4007 - Proposal Writing
 MAFT 6064 - Family Consultation
 MAFT 6087 - Supervision
 MAFT 7003 - Borders Crossing
 MAFT 7004 - Multilingual Aesthetics
 MAFT 7005 - Healing Practices
 MAFT 7006 - Researching and Writing
 MAFT 7007 - Gender Borders
 MLSC 1012 - Phlebotomy
 MLSC 3045 - Serology
 MLSC 3049 - Parasitology
 MLSC 3050 - Medical Laboratory Management
 MLSC 4001 - Advanced Laboratory Methods
 NURS 2017 - Concepts of Nursing and Health Care
 NURS 2020 - Professional Nursing Concepts
 NURS 2021 - Dimensions of Professional Nursing I
 NURS 2022 - Nursing Pharmacotherapeutics I
 NURS 3000 - Neonatal Health Promotion
 NURS 3012 - Adult Health 1 Theory
 NURS 3013 - Adult Health 1 Practicum A
 NURS 3014 - Adult Health 1 Practicum B

NURS 3021 - Dimensions of Professional Nursing II
 NURS 3023 - Care of Children
 NURS 3025 - Childbearing Family
 NURS 3026 - Nursing Pharmacotherapeutics II
 NURS 3027 - Pathophysiology for Nursing I
 NURS 4004 - Mental Health Nursing
 NURS 4005 - Advanced Adult Health Nursing
 NURS 4007 - Dimensions of Professional Nursing III
 NURS 4008 - Psychiatric/Mental Health Nursing
 NURS 4009 - Nursing Pharmacotherapeutics III
 NURS 4010 - Pathophysiology for Nursing II
 NURS 4011 - Community Nursing I
 NURS 4012 - Community Nursing II
 NURS 4014 - Nursing Leadership
 NURS 4015 - Health Economics for Nurses
 NURS 4026 - Research
 NURS 4027 - Practice
 NURS 4028 - Administration
 NURS 4029 - Education
 NURS 4030 - Nursing Research
 NURS 4033 - Nursing Intervention in the Care of the Aged
 NURS 4034 - Labor and Delivery Nursing
 NURS 4039 - Continued Studies in Nursing
 NURS 4040 - Faith Community Nursing
 NURS 4041 - Perioperative Nursing Theory
 NURS 4046 - Ethnic Nursing Care
 NURS 4048 - Women's Health Issues
 NURS 4049 - Integrative Health Promotion for Professionals
 NURS 4052 - Critical Care Nursing: Pediatric
 NURS 4053 - Critical Care Nursing: MICU
 NURS 4054 - Critical Care Nursing: SICU
 NURS 4055 - Critical Care Nursing: PICU
 NURS 4056 - Critical Care Nursing: NICU
 NURS 4057 - Critical Care Nursing: Burn
 NURS 4058 - Critical Care Nursing: Psychiatry
 NURS 4059 - Critical Care Nursing: Dialysis
 NURS 4060 - Critical Care Nursing: Emergency
 NURS 4061 - Critical Care Nursing: Substance Abuse
 NURS 4072 - Community Concepts
 NURS 4073 - Community Practicum RN
 NURS 4074 - Management Concepts
 NURS 4075 - Management Practicum RN
 OCCT 2002 - Kinesiology For OTAs
 PHAR 5044 - New Drug Development
 PHAR 5051 - Directed Study
 PHAR 5075 - Gene Regulation

PHAR 5080 - Toxicology Research
 PHAR 5091 - Methods And Principles Of Toxicology: Neurotoxicology
 PHAR 5093 - Methods And Principles Of Toxicology: Immunotoxicology
 PHAR 5099 - Thesis
 PHAR 6041 - Research Methodology
 PHRD 4000 - Medical Microbiology
 PHRD 4025 - Principles of Immunology
 PHRD 4037 - Microbiology And Immunology
 PHRD 5050 - Retail Pharmacy
 PHRD 5052 - Case Studies In Pharmacy Administration
 PHRD 5055 - Vaccinations
 RADT 3028 - Clinical Radiography
 RADT 4056 - Directed Study: Diagnostic Radiology
 RADT 4060 - Directed Study: Quality Assurance
 RADT 4061 - Directed Study: Computers in Radiology
 RADT 4062 - Directed Study: Computerized Tomography (CT)
 RADT 4064 - Directed Study: Vascular and Interventional Radiography
 RADT 4065 - Directed Study: Mammography
 RADT 4066 - Directed Study: Supervision and Education
 SPLP 4044 - Structure Of the English Language
 SPLP 5079 - Pediatric Audiology
 SUBA 5035 - Counseling the Chemically Dependent Family
 SUBA 5040 - Current Issues In Substance Abuse Counseling
 SUBA 5055 - Substance Abuse Counselors: Core Functions
 SUBA 5065 - Practicum in Substance Abuse Counseling
 SUBA 5091 - Directed Study
 SUBA 5099 - Thesis
 SUBA 6033 - Advanced Substance Abuse Counseling Techniques
 SUBA 6070 - Internship
 SUBA 6087 - Supervision
 TOXI 2010 - Techniques Of Food Microbiology And Toxicology
 TOXI 3026 - Clinical Chemistry And Toxicology
 TOXI 4091 - Seminar
 AHSC 1002 - Orientation to Allied Health Professions
 AHSC 5051 - Seminar
 COUN 4080 - Effective Parenting
 COUN 5004 - Community Mental Health Counseling
 COUN 5029 - Interagency and Interdisciplinary Teaming
 COUN 5061 - Counseling Technology and Information Systems
 COUN 6011 - College Student Personnel Services
 COUN 6033 - Advanced Addiction Counseling Techniques
 COUN 6064 - Family Consultation
 COUN 6065 - Advanced Procedures
 COUN 6066 - Advanced Theory
 DHYG 4018 - Dental Health Education
 DHYG 4031 - Advanced Periodontology

DHYG 4036 - Periodontology
 DHYG 4037 - Oral Pathology
 DHYG 4038 - Community and Preventive Dentistry
 DHYG 4039 - Basic Sciences
 DHYG 4040 - Clinical Dental Hygiene
 HLST 4007 - Proposal Writing
 MAFT 6064 - Family Consultation
 MAFT 6087 - Supervision
 MAFT 7003 - Borders Crossing
 MAFT 7004 - Multilingual Aesthetics
 MAFT 7005 - Healing Practices
 MAFT 7006 - Researching and Writing
 MAFT 7007 - Gender Borders
 MLSC 1012 - Phlebotomy
 MLSC 3045 - Serology
 MLSC 3049 - Parasitology
 MLSC 3050 - Medical Laboratory Management
 MLSC 4001 - Advanced Laboratory Methods
 NURS 2017 - Concepts of Nursing and Health Care
 NURS 2020 - Professional Nursing Concepts
 NURS 2021 - Dimensions of Professional Nursing I
 NURS 2022 - Nursing Pharmacotherapeutics I
 NURS 3000 - Neonatal Health Promotion
 NURS 3012 - Adult Health 1 Theory
 NURS 3013 - Adult Health 1 Practicum A
 NURS 3014 - Adult Health 1 Practicum B
 NURS 3021 - Dimensions of Professional Nursing II
 NURS 3023 - Care of Children
 NURS 3025 - Childbearing Family
 NURS 3026 - Nursing Pharmacotherapeutics II
 NURS 3027 - Pathophysiology for Nursing I
 NURS 4004 - Mental Health Nursing
 NURS 4005 - Advanced Adult Health Nursing
 NURS 4007 - Dimensions of Professional Nursing III
 NURS 4008 - Psychiatric/Mental Health Nursing
 NURS 4009 - Nursing Pharmacotherapeutics III
 NURS 4010 - Pathophysiology for Nursing II
 NURS 4011 - Community Nursing I
 NURS 4012 - Community Nursing II
 NURS 4014 - Nursing Leadership
 NURS 4015 - Health Economics for Nurses
 NURS 4026 - Research
 NURS 4027 - Practice
 NURS 4028 - Administration
 NURS 4029 - Education
 NURS 4030 - Nursing Research

NURS 4033 - Nursing Intervention in the Care of the Aged
 NURS 4034 - Labor and Delivery Nursing
 NURS 4039 - Continued Studies in Nursing
 NURS 4040 - Faith Community Nursing
 NURS 4041 - Perioperative Nursing Theory
 NURS 4046 - Ethnic Nursing Care
 NURS 4048 - Women's Health Issues
 NURS 4049 - Integrative Health Promotion for Professionals
 NURS 4052 - Critical Care Nursing: Pediatric
 NURS 4053 - Critical Care Nursing: MICU
 NURS 4054 - Critical Care Nursing: SICU
 NURS 4055 - Critical Care Nursing: PICU
 NURS 4056 - Critical Care Nursing: NICU
 NURS 4057 - Critical Care Nursing: Burn
 NURS 4058 - Critical Care Nursing: Psychiatry
 NURS 4059 - Critical Care Nursing: Dialysis
 NURS 4060 - Critical Care Nursing: Emergency
 NURS 4061 - Critical Care Nursing: Substance Abuse
 NURS 4072 - Community Concepts
 NURS 4073 - Community Practicum RN
 NURS 4074 - Management Concepts
 NURS 4075 - Management Practicum RN
 OCCT 2002 - Kinesiology For OTAs
 PHAR 5044 - New Drug Development
 PHAR 5051 - Directed Study
 PHAR 5075 - Gene Regulation
 PHAR 5080 - Toxicology Research
 PHAR 5091 - Methods And Principles Of Toxicology: Neurotoxicology
 PHAR 5093 - Methods And Principles Of Toxicology: Immunotoxicology
 PHAR 5099 - Thesis
 PHAR 6041 - Research Methodology
 PHRD 4000 - Medical Microbiology
 PHRD 4025 - Principles of Immunology
 PHRD 4037 - Microbiology And Immunology
 PHRD 5050 - Retail Pharmacy
 PHRD 5052 - Case Studies In Pharmacy Administration
 PHRD 5055 - Vaccinations
 RADT 3028 - Clinical Radiography
 RADT 4056 - Directed Study: Diagnostic Radiology
 RADT 4060 - Directed Study: Quality Assurance
 RADT 4061 - Directed Study: Computers in Radiology
 RADT 4062 - Directed Study: Computerized Tomography (CT)
 RADT 4064 - Directed Study: Vascular and Interventional Radiography
 RADT 4065 - Directed Study: Mammography
 RADT 4066 - Directed Study: Supervision and Education
 SPLP 4044 - Structure Of the English Language

SPLP 5079 - Pediatric Audiology
 SUBA 5035 - Counseling the Chemically Dependent Family
 SUBA 5040 - Current Issues In Substance Abuse Counseling
 SUBA 5055 - Substance Abuse Counselors: Core Functions
 SUBA 5065 - Practicum in Substance Abuse Counseling
 SUBA 5091 - Directed Study
 SUBA 5099 - Thesis
 SUBA 6033 - Advanced Substance Abuse Counseling Techniques
 SUBA 6070 - Internship
 SUBA 6087 - Supervision
 TOXI 2010 - Techniques Of Food Microbiology And Toxicology
 TOXI 3026 - Clinical Chemistry And Toxicology
 TOXI 4091 – Seminar
 COUN 5012 - Counseling Techniques with Older Adults and their Families
 COUN 5090 - Internship (Gerontology)
 COUN 6051 - Counseling with special populations: Mature and Aged

Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

22. THE SCHOOL OF BEHAVIORAL & SOCIAL SCIENCE requests:

Presenter:	A. Sharma
Action:	Change description of GERO 5040 – Assessment and Case-Management
<p>Current Description: GERO 5040 - Assessment and Case-Management</p> <p>(3 Cr.) An investigation of these techniques in different healthcare and social program settings. Details are given on the social significance of human resources and skill building for conducting assessment and case management of senior clients for achievement of goals. Prerequisites: Permission of Department Head.</p> <p>Proposed Description: GERO 5040 - Assessment and Case-Management</p> <p>(3 Cr.) An investigation of geriatric care management techniques in different healthcare and social program settings. Details are given on the social significance of human resources and skill building for conducting assessment, care, and case management for senior clients for achievement of goal. The course will prepare students for certification in geriatric care and case management. Prerequisites: Permission of Department Head.</p>	
Credit Hours:	
Current Level:	G
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	

23. THE SCHOOL OF BEHAVIORAL & SOCIAL SCIENCE requests:

Presenter:	A. Sharma
Action:	Change Gerontology, M.A. Degree Plan

Current Degree Plan:**Specialization Areas**

Areas of study for the M.A. in Gerontology include Long-Term Care Administration, Program Administration, and Aging Studies.

Program Admission (M.A.)

In addition to the university requirements for admission to the Graduate School, all applicants for regular admission to the Master of Arts in Gerontology degree program must meet the following criteria:

Minimum cumulative undergraduate GPA of 2.75 (on a 4.0 scale) for applicants without previous experience in the field of Gerontology

or

Minimum cumulative undergraduate GPA of 2.5 for applicants with three (3) years or more experience in the field of Gerontology

or

Minimum formula score of 707.50 (GPA x GRE)

Applicants who fail to meet the above standards may be considered for admission on conditional status as recommended by the Gerontology Program Coordinator and approved by the Director of the Graduate School.

Program Requirements (M.A.)**Requirements for a degree in Gerontology with a specialization in Long-Term Care Administration are:**

GERO 5010 - Biology of Aging

GERO 5012 - Social Gerontology

GERO 5065 - Community-Based and Long-Term Care

GERO 5067 - Programs and Public Policy

GERO 5087 - Long-Term Care Administration I

GERO 5088 - Long-Term Care Administration II

GERO 5090 - Internship in Gerontology

MGMT 5007 - Seminar in Human Resource Management or BMBA 5022 - Organizational Theory and Behavior

Three hours of Gerontology electives

Six hours of Gerontology or free electives

For a total of 36 hours for the degree. Students in this specialization must complete the state required Administrator in Training (AIT) for their

GERO 5090 - Internship in Gerontology. Six hours of gerontology electives will be substituted for GERO 5090 - Internship in Gerontology if a student already possesses the Nursing Home Administrator's license.

Requirements for the degree in Gerontology with a specialization in Program Administration are:

GERO 5010 - Biology of Aging
GERO 5012 - Social Gerontology
GERO 5067 - Programs and Public Policy
GERO 5040 - Assessment and Case-Management
GERO 5045 - Ethnic and Cultural Variations in Service Delivery
GERO 5068 - Programs and Services in Gerontology
GERO 5026 - Communication in Gerontology or CMST 5026 - Communication in Gerontology or Counseling 6050A
Six hours of Gerontology electives
Three hours of Gerontology or free electives
GERO 5099 - Thesis

For a total of 36 hours for the degree. Students in this specialization may choose a non-thesis option instead of

GERO 5099 - Thesis and take an additional six hours of Gerontology electives. Persons already employed full-time in an agency providing services to seniors may appeal for a waiver of the thesis/non-thesis requirement and take six additional hours of Gerontology electives.

Requirements for the degree in Gerontology with a specialization in Aging Studies are:

GERO 5010 - Biology of Aging
GERO 5012 - Social Gerontology
GERO 5067 - Programs and Public Policy
GERO 4052 - Qualitative Research
GERO 5075 - Research in Gerontology
SOCL 4051 - Social Statistics or Psychology 4039
Nine hours of Gerontology electives
Three hours of Gerontology or free electives
GERO 5099 - Thesis

For a total of 36 hours for the degree. Students in this specialization may choose a non-thesis option instead of

GERO 5099 - Thesis and take an additional six hours of Gerontology or free electives. Persons who are already employed full-time in an agency providing services to seniors may appeal to the department head for a waiver of the thesis/non-thesis requirement and take six additional hours of Gerontology electives.

Graduate Courses

Note: To receive graduate credit for a 4000-level course designated "For Undergraduate and Graduates," a student must be in graduate admission status at the time credit is earned in the course. Credit earned in undergraduate admission status cannot be changed to graduate credit.

Proposed Degree Plan:
Gerontology, M.A.

M.A. in Gerontology is a 36-hour degree program consisting of 21 hours of courses and 15 hours of "concentration" courses

Concentration Areas

Areas of study for M.A. in Gerontology include Long-Term Care Administration, Program Administration, and Aging Studies

Program Admission (M.A.)

In addition to the University requirements for admission to Graduate School, all applicants for regular admission to the Masters of Arts in Gerontology degree program must meet the following criteria:

Minimum cumulative undergraduate GPA of 2.75 (on a 4.0 scale) for applicants without previous experience in the field of Gerontology

or

Minimum cumulative undergraduate GPA 2.5 for applicants with three (3) years or more experience in the field of Gerontology

or

Minimum formula score of 707.50 (GPA x GRE)

Applicants who fail to meet the above standards may be considered for admission on conditional status as recommended by the Gerontology Program Coordinator and approved by the Director of the Graduate School.

Program Requirements (M.A.)

Core Requirements

Core Course Required for All Concentrations Offered in the Gerontology Program

GERO 5010 – Biology of Aging

GERO 5012 – Social Gerontology

GERO 5067 – Program and Public Policy

GERO 5080 – Topics in Gerontology (Seminar in Gerontology) to be offered as a Capstone Course

Approved Elective (three hours)

Approved Elective (three hours)

Approved Elective (three hours)

Total Hours of Core Courses: 21 Hours

Students will not be required to take Comprehensive exams for any concentration in the Gerontology Program. In lieu of Comprehensive exams, students will be

completing a Capstone Course, GERO 5080, in the last semester of their degree program.

Requirements for a degree in Gerontology with a concentration in Long-Term Care Administration are:

- GERO 5065 – Community-Based and Long-Term Care
- GERO 5087 – Long-Term Care Administration I
- GERO 5088 – Long-Term Care Administration II
- BMBA 5031 – Multinational Leadership and Management
- GERO 5090 – Internship in Gerontology (three hours)

Total Hours of “Concentration” Courses: 15 Hours

Students in this concentration must complete the state required Administration in Training (AIT) for their internship.

Three hours of Gerontology electives will be substituted for GERO 5090 (Internship in Gerontology) if a student already possesses the Nursing Home Administrator’s license.

Requirements for a degree in Gerontology with a concentration in Program Administration are:

- GERO 5040 – Assessment and Case-Management
- GERO 5045 – Ethnic and Cultural Variations in Service Delivery
- GERO 5068 – Programs and Services in Gerontology
- BMBA 5026 (Same as CMST 5026) – Communication in Gerontology
- GERO 5090 – Internship in Gerontology (three hours)

Total Hours of “Concentration” Courses: 15 Hours

Students in this concentration may choose between three hours if Internship (GERO 5090) or a three-hour approved elective.

Requirements for a degree in Gerontology with a concentration in Mental Health:

- PSYC 5001 – Cognition OR PSYC 5061- Neuropsychology
- PSYC 5011 – Individual Tests
- PSYC 5015 – Psychopathology
- PSYC 5018 – Psychological Assessment
- PSYC 5071 – Basic Psychotherapy

Total Hours of “Concentration” Courses: 15 Hours

Students in this concentration will be provided with hand-on laboratory experiences in PSYC 5011 and PSYC 5018

Requirements for a degree in Gerontology with a concentration in Small Business Management:

Students need to take any five courses out of the following seven courses:

- ENTR 4032 – New Ventures Creation
- ACCT 5002 – Accounting for Administrators
- BMBA 5021 – Marketing Strategy
- BUSN 5010 – Research and Presentation Skills
- BMBA 5009 – Management Information Systems
- BUSN 5011 – Business and Its Environment
- GERO 5090 – Internship in a Small Business Agency/Organizations

Total Hours of “Concentration” Courses: 15 Hours

Students who will choose GERO 5090 will be placed for an internship in small business agencies and organizations.

Requirements for the degree in Gerontology with a concentration in Aging Studies are:

- GERO 5066 – Caregiving
- GERO 4052 – Qualitative Research
- GERO 5075 – Research in Gerontology
- SOCL 4071 – Social Statistics OR PSYC 4039 - Statistics
- GERO 5090 – Internship OR an approved Elective (3 hours)

Total Hours of “Concentration” Courses: 15 Hours

Students in this concentration may choose between three hours of Internship (GERO 5090) or three hours approved elective.

Graduate Courses

Note: To receive graduate credit for 4000-level course designated “For Undergraduate and Graduate” a student must be in graduate admission status at the time credit is earned in the course. Credit earned in undergraduate admission status cannot be changed to graduate credit.

Credit Hours:	
Current Level:	G
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Spring 2018
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	APPROVED
Notes:	