

Provost & Executive
Vice President

FEB 05 2020

RECEIVED
DOC.# 41488

A MEMORANDUM

DATE: February 3, 2020

TO: Academic Deans Council

FROM: Dr. Dana Pomykal Franz
UCCC Chair

RE: Change Notice 6

Listed below are curriculum change proposals which have been recommended by the University Committee Courses and Curricula. Under current procedure, members of the Academic Deans Council may question the approval of these proposals at any time prior to 5:00 p.m. on February 14, 2020 by contacting Dr. Dana Pomykal Franz (5-7117) or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered approved automatically.

1. Course Proposals by college/school

AGRICULTURE AND LIFE SCIENCES

<p>Addition +Online/Distance</p> <p><u>ADS 3413</u></p>	<p>Approved</p>	<p>ADS 3413 Companion Animal Nutrition. (3). Three hours lecture. Discovery of fundamental principles of companion animal nutrition through applied learning. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 010904 30 Char: Companion Animal Nutrition Effective: Spring 2020</p>
<p>Technical Change <u>ADS 4113/6113</u></p>	<p>Approved</p>	<p>FROM: ADS 4113/6113 Swine Science. (3). Fall semester (Prerequisites: ADS 1113 and ADS 1121 or ADS 1114. Three hours lecture. Feeding, management, breeding, production, and marketing of swine. TO: ADS 4113/6113 Swine Science. (3). Three hours lecture. (Prerequisites: ADS 1113, ADS 1121 or ADS 1114 and ADS 4114/6114, ADS 4124/6124, and ADS 4613/6613/PHY 6613). Feeding, management, breeding, production, and marketing of swine. Effective: Fall 2020</p>
<p>Technical Change <u>ADS 4223/6223</u></p>	<p>Approved</p>	<p>FROM: ADS 4223/6223 Goat and Sheep Production. (3). (Prerequisite: ADS 1113 and ADS 1121 or ADS 1114). Three hours lecture. Management and marketing of goats and sheep in production enterprises. To: ADS 4223/6223 Goat and Sheep Production. (3). (Prerequisite: ADS 1113, ADS 1121 or ADS 1114 and ADS 4114/6114, ADS 4124/6124, and ADS 4613/6613/PHY 6613). Three hours lecture. Management and marketing of goats and sheep in production enterprises. Effective: Fall 2020</p>

<p>Modification ADS 4511/6511 +Online/Distance</p>	<p>Approved</p>	<p>FROM: ADS 2221 Companion Animal Management Laboratory. (1). (Prerequisite or Corequisite: ADS 2223). Two hours laboratory. Management practices for companion animals. The selection, handling, and care techniques for various types of companion animals. TO: ADS 4511/6511 Companion Animal Management Laboratory. (1). (Prerequisite or Corequisite: ADS 4513/6513). Two hours laboratory. Management practices for companion animals. The selection, handling, and care techniques for various types of companion animals. Method of Instruction: L Method of Delivery: F & O Campus: 1 & 5 CIP: 010302 30 Char: Companion Animal Lab Effective: Spring 2020</p>
<p>Modification ADS 4513/6513 +Online/Distance</p>	<p>Passed Contingent</p>	<p>ADS 4513/6513 Companion Animal Management</p>
<p>Technical Change ADS 4611/6611</p>	<p>Approved</p>	<p>FROM: ADS 4611/6611 Practices in Physiology of Reproduction. (1). (Prerequisite: BIO 1134 or BIO 1144). Three hours laboratory. Artificial insemination and rectal palpation of reproductive organs of cattle; semen collection, evaluation, processing and handling. (Same as PHY 6611). To: ADS 4611/6611 Practices in Physiology of Reproduction. (1). (Prerequisite or Co-Requisite: ADS 4613/6613/PHY 6613). Three hours laboratory. Artificial insemination and rectal palpation of reproductive organs of cattle; semen collection, evaluation, processing and handling. (Same as PHY 6611). Effective: Fall 2020</p>
<p>Technical Change ADS 4613/6613</p>	<p>Approved</p>	<p>FROM: ADS 4613/6613 Physiology of Reproduction. (3). (Prerequisite: BIO 1134 or BIO 1144). Three hours lecture. Anatomy and physiology; reproductive cycles; production, evaluation and preservation of gametes; gestation; endocrine regulation; managed reproduction. (Same as PHY 6613.) TO: ADS 4613/6613 Physiology of Reproduction. (3). (Prerequisite: BIO 1134 or BIO 1144 and ADS/VS 3014 or equivalent). Three hours lecture. Anatomy and physiology; reproductive cycles; production, evaluation and preservation of gametes; gestation; endocrine regulation; managed reproduction. (Same as PHY 6613.) Effective: Fall 2020</p>

<p>Technical Change <u>ADS 4623/6623</u></p>	<p>Approved</p>	<p>FROM: ADS 4623/6623 Physiology of Lactation. (3). (Prerequisite: BIO 1134 or BIO 1144). Two hours lecture. Two hours laboratory. Anatomy, physiology, and pathology of the mammary gland; nervous and hormonal control of lactation, theories of milk secretion, modern methods of milking, factors affecting lactation. (Same as PHY 6623.) [sic] TO: ADS 4623/6623 Physiology of Lactation. (3). (Prerequisite: BIO 1134 or BIO 1144 and ADS/VS 3014 or equivalent). Two hours lecture. Two hours laboratory. Anatomy, physiology, and pathology of the mammary gland; nervous and hormonal control of lactation, theories of milk secretion, modern methods of milking, factors affecting lactation. (Same as PHY 6623). Effective: Fall 2020</p>
<p>Addition <u>ADS 4713/6713</u> +Online/Distance</p>	<p>Approved</p>	<p>ADS 4713/6713 Human-Animal Bond/Shelter Management. (3). (Prerequisite: ADS 2313, ADS 3413, ADS 4513/6513, ADS 4511/6511) Three hours lecture. Overview of the social, physical and emotional benefits to humans through the human-animal bond with a closer look into the therapeutic roles of animals. Learn practical concepts for animal shelter management. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 010901 30 Char: Human-Animal Bond/Shelter Mgt Effective: Spring 2020</p>
<p>Technical Change <u>ADS 4813/6813</u></p>	<p>Approved</p>	<p>FROM: ADS 4813/6813 Dairy Farm Management. (3). (Prerequisites: ADS 1113, and ADS 1121 or ADS 1114). Three hours lecture. Planning and integrating dairy farm operations; management principles applied to dairy herd operations. TO: ADS 4813/6813 Dairy Farm Management. (3). (Prerequisites: ADS 1113, ADS 1121 or ADS 1114 and ADS 4114/6114, ADS 4124/6124, and ADS 4613/6613/PHY 6613). Three hours lecture. Planning and integrating dairy farm operations; management principles applied to dairy herd operations. Effective: Fall 2020</p>

Modification <u>AELC 4503/6503</u> +Online/Distance	Approved	ADS 4503/6503 Approval to Offer Online Campus 5 for International Agricultural Education. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020
Modification <u>FNH 6293</u> +Online/Distance (split level with FNH 4293)	Approved	FNH 4293/6293 Approval to Offer Online Campus 5 for Micronutrients: Human Metabolism. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020
Addition <u>FNH 8773</u> +Online/Distance	Approved	FNH 8773 The Human Microbota and Optimal Health. (3). Three hours lecture. In-depth study to explore and better understand those microorganisms living in our bodies, with a focus on the gut, and the cross-talks between microbiomes and host health. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 301901 30 Char: Human Microbiome and Health Effective: Spring 2020
Addition <u>GA 4101/6101</u>	Approved	GA 4101 MANRRS Leadership Development. (1). One hour lecture. MANRRS: Minorities in Agriculture, Natural Resources and Related Sciences. The course learning objectives are (1) to impart knowledge related to professional development; (2) to create opportunities for networking and career planning through mentored activities; and (3) to develop leadership skills through service and outreach. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 010000 30 Char: MANRRS Leadership Development Effective: Spring 2020
+Online/Distance <u>HDFS 3823</u>	Approved	HDFS 3823 Approval to Offer Online Campus 5 for Methods & Materials for Early Care and Education Programs. Method of Instruction: B, C, K, & L Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020

Addition +Online/Distance	<u>HDFS 3853</u>	Passed Contingent	HDFS 3853 Language and Literacy in the Early Years.
Modification +Online/Distance	<u>HDFS 4424/6424</u>	Approved	<p>FROM: HDFS 4424/6424 Teaching Methods in Agricultural and Human Sciences. (4). (Prerequisite: CALS major and junior standing). Three hours lecture. Two hours laboratory. Planning instruction; selecting teaching techniques; developing teaching plans; teaching agricultural/human sciences topics; using instructional technologies; and evaluating learner progress. Same as AELC 4424.</p> <p>TO: HDFS 4424/6424 Teaching Methods in Agricultural and Human Sciences. (4). (Prerequisite: College of Ag and Life Science major and junior standing). Three hours lecture. Two hours laboratory. Planning instruction; selection teaching techniques; developing teaching plans; teaching agricultural/human science topics; using instructional technologies; and evaluating learner progress (Same as HS 4424/6424).</p> <p>Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020</p>
+ Online/Distance	<u>HDFS 4740</u>	Approved	<p>HDFS 4740 Approval to Offer Online Campus 5 for PreK-K Teacher Candidacy Internship.</p> <p>Method of Instruction: E Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020</p>
+Online/Distance	<u>HDFS 4760</u>	Approved	<p>HDFS 4760 Approval to Offer Online Campus 5 for Child Development Internship.</p> <p>Method of Instruction: E Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020</p>
+Online/Distance	<u>HS 1701</u>	Approved	<p>HS 1701 Approval to Offer Online Campus 5 for Survey of Human Sciences.</p> <p>Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020</p>

<p>Technical Change <u>PHY 6611</u></p>	<p>Approved</p>	<p>FROM: PHY 6611 Practice in Physiology of Reproduction. (1). (Prerequisite: BIO 1134 or BIO 1144). Three hours laboratory. Artificial insemination and rectal palpation of reproductive organs of cattle; semen collection, evaluation, processing and handling. (Same as ADS 4611/6611). TO: PHY 6611 Practice in Physiology of Reproduction. (1). (Prerequisite or Co-requisite: ADS 4613/6613/PHY 6613). Three hours laboratory. Artificial insemination and rectal palpation of reproductive organs of cattle; semen collection, evaluation, processing and handling. (Same as ADS 4611/6611). Effective: Fall 2020</p>
<p>Technical Change <u>PHY 6613</u></p>	<p>Approved</p>	<p>FROM: PHY 6613 Physiology of Reproduction. (3). (Prerequisite: BIO 1134 or BIO 1144). (Same as ADS 4613/6613). TO: PHY 6613 Physiology of Reproduction. (3). (Prerequisite: BIO 1134 or BIO 1144 and ADS/VS 3014 or equivalent). Three hours lecture. Anatomy and physiology; reproductive cycles; production, evaluation and preservation of gametes; gestation; endocrine regulation; managed reproduction. (Same as ADS 4613/6613). Effective: Fall 2020</p>
<p>Technical Change <u>PHY 6623</u></p>	<p>Approved</p>	<p>FROM: PHY 6623 Physiology of Lactation. (3). (Prerequisite: BIO 1134 or BIO 1144). Two hours lecture. Two hours laboratory. Anatomy, physiology, and pathology of the mammary gland; nervous and hormonal control of lactation, theories of milk secretion, modern methods of milking, factors affecting lactation. (Same as ADS 4623/6623). TO: PHY 6623 Physiology of Lactation. (3). (Prerequisite: BIO 1134 or BIO 1144 and ADS/VS 3014 or equivalent). Two hours lecture. Two hours laboratory. Anatomy, physiology, and pathology of the mammary gland; nervous and hormonal control of lactation, theories of milk secretion, modern methods of milking, factors affecting lactation. (Same as ADS 4623/6623). Effective: Fall 2020</p>

ARCHITECTURE, ART & DESIGN

+Online/Distance	<u>ART 3163</u>	Approved	ART 3163 Approval to Offer Online Campus 5 for History of Graphic Design. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020
------------------	-----------------	-----------------	--

ARTS & SCIENCES

Addition	<u>AN 4343/6343</u>	Passed Contingent	AN 4343/6343 Anthropology of Death.
Modification +Online/Distance	<u>BCH 4113/6113</u>	Approved	FROM: BCH 4113/6113 Essentials of Molecular Genetics. (3). Three hours lecture. A survey of molecular biology and genetics designed to provide the non-major with a comprehensive background in the field. (Credit will not be given to students matriculating in the Biochemistry or Molecular Biology degree program) [sic] TO: BCH 4113/6113 Essentials of Molecular Genetics. (3). Three hours lecture. A survey of molecular biology and genetics designed to provide the non-major with a comprehensive background in the field. (Credit will not be given to students matriculating in the Biochemistry or Molecular Biology degree program). Method of Delivery: F & O Campus: 1 & 5 Effective: Spring 2020
Addition +Online/Distance	<u>CH 1073</u>	Approved	CH 1073 Preparatory Chemistry. (3). Three hours lecture. A review of basic concepts and mathematical tools crucial to study and understand fundamental chemistry concepts. Recommended for students who may need additional preparation in chemistry before undertaking the general chemistry CH 1213/1223 sequence. This course does not satisfy the University Core Curriculum science requirement. Method of Instruction: C Method of Delivery: O & X Campus: 1 & 5 CIP: 400599 30 Char: Preparatory Chemistry Effective: Spring 2020

Addition	<u>CH 8223</u>	Approved	CH 8223 Bioinorganic Chemistry. (3). Graduate standing or permission from instructor.) Three hours lecture. This course is focused on the role metal ions play in biology. Topics studied here include the biology of metal ions, biocatalysis and metal-based biological reactions, bio-inspired catalysis, and a discussion of (bio)inorganic spectroscopy and related physical methods. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 400501 30 Char: Bioinorganic Chemistry Effective: Spring 2020
Modification	<u>PSY 3104</u>	Approved	PSY 3104 Introductory Psychological Statistics. (4). The method of delivery for the instruction on the use of statistical software (SPSS) will occur online instead of in-person. No other revisions. Effective: Spring 2020

BUSINESS

+Online/Distance	<u>BQA 2113</u>	Approved	BQA 2113 Approval to Offer Online Campus 5 for Business Statistical Methods I. Method of Instruction: C Method of Delivery: F & O Campus: 1, 2, & 5 Effective Date: Spring 2020
Technical Change	<u>MKT 4223</u>	Approved	FROM: MKT 4223 Social Media Marketing. (3). (Prerequisite: MKT 3013 Principles of Marketing). Survey of the nature and use of social media in marketing. TO: MKT 4223 Social Media Marketing. (3). (Prerequisites: MKT 3013 Principles of Marketing; MKT 4213 Internet Marketing (or co-enrollment in MKT 4213); Or Instructor permission). Survey of the nature and use of social media in marketing. Effective: Fall 2020

EDUCATION

Addition +Online/Distance	<u>RDG 8723</u>	Approved	RDG 8723 Seminar in Literacy Education. (3). Three hours lecture. Evaluation of the theories and models of literacy and pivotal moments in literacy. Evaluation of research in literacy education and acquisition of academic literacies that are frequently used to share scholarly literacy information. Method of Instruction: C Method of Delivery: F & O Campus: 1 & 5 CIP: 131315 30 Char: Seminar in Literacy Education Effective: Spring 2020
Modification	<u>SS 4303/6303</u>	Passed Contingent	SS 4303/6303 Globalization and Sport.
Modification	<u>TECH 1273</u>	Passed Contingent	TECH 1273 Computer Applications.
Modification	<u>TECH 2123</u>	Passed Contingent	TECH 2123 Database Management.
Modification	<u>TECH 2133</u>	Passed Contingent	TECH 2133 Spreadsheet Design and Analysis.
Modification	<u>TECH 3133</u>	Passed Contingent	TECH 3133 Administrative Management and Procedures.
Modification	<u>TECH 3213</u>	Passed Contingent	TECH 3213 Call Center Management.
Modification	<u>TECH 3463</u>	Passed Contingent	TECH 3463 Computer Repair and Maintenance.
Modification	<u>TECH 3623</u>	Passed Contingent	TECH 3623 Designing Technology Training.
Modification	<u>TECH 4143/6143</u>	Passed Contingent	TECH 4143 History and Philosophy of Career and Technology Education.
Modification	<u>TECH 4203</u>	Passed Contingent	TECH 4203 Emerging Technologies.
Modification	<u>TECH 4263/6263</u>	Passed Contingent	TECH 4263/6263 Diversity in Work and Educational Environments.
Modification	<u>TECH 4283/6283</u>	Passed Contingent	TECH 4283/6283 Advanced Office Systems.
Modification	<u>TECH 4343</u>	Passed Contingent	TECH 4343 Information Technology Project Management.
Modification	<u>TECH 4403/6403</u>	Passed Contingent	TECH 4403/6403 Strategies for Campus Transition and Success for Veterans.
Modification	<u>TECH 4413/6413</u>	Passed Contingent	TECH 4413/6413 Veterans' Benefits and Certification-Policies and Procedures.
Modification	<u>TECH 4423/6423</u>	Passed Contingent	TECH 4423/6423 History of Administration of Veterans' Benefits.
Modification	<u>TECH 4433/6433</u>	Passed Contingent	TECH 4433/6433 The Development of Veterans' Benefits, Laws and Policies.
Modification	<u>TECH 4443/6443</u>	Passed Contingent	TECH 4443/6443 Design of Instructional Games and Simulations.

Modification	<u>TECH 4473/6473</u>	Passed Contingent	TECH 4473/6473 Methods of Teaching Online.
Modification	<u>TECH 4483/6483</u>	Passed Contingent	TECH 4483/6483 Method of Teaching STEM in the Middle School.
Modification	<u>TECH 4493/6493</u>	Passed Contingent	TECH 4493/6493 Methods of Teaching Career Pathways Experiences.
Modification	<u>TECH 4543/6543</u>	Passed Contingent	TECH 4543/6543 Information Processing.
Modification	<u>TECH 4563</u>	Passed Contingent	TECH 4563 Introduction to Data Networks.
Modification	<u>TECH 4573/6573</u>	Passed Contingent	TECH 4573/6573 Data Networks II.
Modification	<u>TECH 4583/6583</u>	Passed Contingent	TECH 4583/6583 Graphics and Web Design.
Modification	<u>TECH 4623</u>	Passed Contingent	TECH 4623 Delivery and Evaluation of Technology Training.
Modification	<u>TECH 4683</u>	Passed Contingent	TECH 4683 Senior Seminar in Information Technology Services.
Modification	<u>TECH 4713/6713</u>	Passed Contingent	TECH 4713/6713 Authoring for Instruction.
Modification	<u>TECH 4733/6733</u>	Passed Contingent	TECH 4733/6733 Managing a Multimedia Learning Environment.
Modification	<u>TECH 4743/6743</u>	Passed Contingent	TECH 4743/6743 Elements of Electronic Desktop Publishing.
Modification	<u>TECH 4753/6753</u>	Passed Contingent	TECH 4753/6753 Media for Presentations, Instruction and Gaming.
Modification	<u>TECH 4763/6763</u>	Passed Contingent	TECH 4763/6763 Digital Tools for 21 st Century Teaching and Learning.
Modification	<u>TECH 4803/6803</u>	Passed Contingent	TECH 4803/6803 Integrating Technology for Meaningful Learning.
Modification	<u>TECH 4853/6853</u>	Passed Contingent	TECH 4853/6853 Philosophy and Principles of Vocational-Technical Instruction.

ENGINEERING

Technical Change <u>ECE 3434</u>	Approved	<p>FROM: ECE 3434 Advanced Electronic Circuits. (4). (Prerequisites: Grade of C or better in both ECE 1022 and ECE 3424). Three hours lecture. Three hours laboratory. Feedback and stability. Operational-amplifier and data-converter circuits. Introduction to CMOS logic circuits. Filters and tuned amplifiers. Signal generator circuits. Power amplifiers.</p> <p>TO: ECE 3434 Advanced Electronic Circuits. (4). (Prerequisites: Grade of C or better in ECE 3424; and credit or registration in ECE 1022). Three hours lecture. Three hours laboratory. Feedback and stability. Operational-amplifier and data-converter circuits. Introduction to CMOS logic circuits. Filters and tuned amplifiers. Signal generator circuits. Power amplifiers.</p> <p>Effective: Fall 2020</p>
----------------------------------	----------	---

VETERINARY SCIENCE

Modification <u>CVM 8992</u>	Approved	<p>FROM: CVM 8991 Principles of Polychromatic Flow. (1). (Prerequisite: BIO 4413/6413 Immunology, CVM 5033 Immunology, or CVM 8303 Advanced Immunology, or by permission of instructor). One hour lecture. An introduction to the basic theory and skills necessary to successfully design, conduct, and analyze a typical polychromatic flow cytometry experiment.</p> <p>TO: CVM 8992 Principles of Polychromatic Flow. (2). (Prerequisite: BIO 4413/6413 Immunology, CVM 5033 Immunology, or CVM 8303 Advanced Immunology, or by permission of instructor). Two hours lecture. An introduction to the basic theory and skills necessary to successfully design, conduct, and analyze a typical polychromatic flow cytometry experiment.</p> <p>Method of Instruction: C Method of Delivery: F Campus: I CIP: 261201 30 Char: Princ Polychromatic Flow Effective: Fall 2020</p>
------------------------------	----------	--

2. Program Proposals by college/school:

EDUCATION

Technical Change - Program Suspension	Degree: MS and Ed. S. Major: Secondary Education Concentration: MS-Secondary Education (SEED); Educational Specialist-Education (EDUC)-Secondary Education (SEED) (Campus 2 – Meridian)	Approved	Suspending the MS and Ed. Specialist degree programs in Secondary Education at the Meridian Campus (Campus 2) Effective: Spring 2020
Technical Change – Program Suspension	Degree: MS Major: Technology	Approved	Suspending the MS in Technology. Effective: Spring 2020
Modification	Degree: BS Major: Information Technology Services	Passed Contingent	

VETERINARY SCIENCE

Name Change	Degree: PhD Major: Veterinary Medical Science to Veterinary Biomedical Concentrations: Veterinary Medical Research, Computational Biology, Infectious Diseases, Population Medicine	Approved	Approved by Graduate Council. Forwarded to Provost and President before submission to IHL.
Name Change	Degree: MS Major: Veterinary Medical Science to Veterinary and Biomedical Science Concentrations: Veterinary Medical Research, Computational Biology, Infectious Diseases, Population Medicine	Approved	Approved by Graduate Council. Forwarded to Provost and President before submission to IHL.

All of the proposals were approved with the exception of the following:
Proposals**

Peter L. Ryan
Dr. Peter L. Ryan
Associate Provost for Academic Affairs

February 14, 2020
Date