

A MEMORANDUM

DATE: January 15, 2015  
TO: Academic Deans Council  
FROM: Dr. Kirk Swortzel  
UCCC Chair  
RE: Change Notice 2

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 January 28, 2015 by contacting Dr. Kirk Swortzel (5-7837) or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered to have been approved automatically.

1. Course Proposals

**AGRICULTURE AND LIFE SCIENCES**

Addition	HS 2573	Approved	<p><b>HS 2573 Fashion Portfolio Development.</b> (3). (Prerequisites: <u>HS 1523</u> or equivalent or consent of instructor). Two hours lecture. Two hours laboratory. Creation of printed and electronic portfolios and related materials for fashion-related careers. Includes project selection; layout and graphics; photography; photo-editing; writing; use of appropriate software.</p> <p>Method of Instruction: B  Method of Delivery: F  CIP: 19.0999  30 Char: Fashion Portfolio Development  Effective Date: Summer 2015</p>
Modification	HS 8823	Approved	<p><b>FROM: HS 8823 Advanced Theories of Human Development and Family Relations.</b> (3). Three hours lecture. Advanced study of theories of human development and family relations across the lifespan.</p> <p><b>TO: HS 8823 Theories of Human Development and Family Studies.</b> (3). Three hours lecture. Study of theories of human development and family studies across the lifespan.</p> <p>30 Char: Theories in HDFS  Effective Date: Fall 2015</p>
Modification	PSS 4103	Approved	<p><b>FROM: PSS 4103 Forage and Pasture Crops.</b> (3). Two hours lecture. Two hours laboratory. Origin, uses, and ecology of forage plants, establishment, nutritive value, use, yield and maintenance of forage plants as related to morphology, physiology and pasture management.</p> <p><b>TO: PSS 4103 Forage and Pasture Crops.</b> (3). (Prerequisite: Junior standing or permission of instructor). Two hours lecture. Two hours laboratory. Origin, uses, and ecology of forage plants, establishment, nutritive value, use, yield and maintenance of forage plants as related to morphology, physiology and pasture management.</p> <p>Effective Date: Fall 2015</p>

**ARCHITECTURE, ART AND DESIGN**

Addition	ART 3643	Tabled	<b>ART 3643 Art of the Graphic Novel.</b>
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**ARTS AND SCIENCES**

+Distance	CH 1043	Approved	<b>CH 1043 Approval to Offer Online Campus 5 for Survey of Chemistry I.</b> Method of Instruction: C Method of Delivery: O Effective Date: Summer 2015
Modification +Distance	CH 1051	Approved	<b>FROM: CH 1051 Experimental Chemistry.</b> (1). Three hours laboratory. A Laboratory to accompany CH 1043 or CH 1053. Experiments designed to illustrate the practical aspects of chemistry. <b>TO: CH 1051 Experimental Chemistry.</b> (1). Three hours laboratory. A laboratory to accompany CH 1043. Experiments designed to illustrate the practical aspects of chemistry. Method of Instruction: C Method of Delivery: O Effective Date: Summer 2015
+Distance	CH 1053	Approved	<b>CH 1053 Approval to Offer Online Campus 5 for Survey of Chemistry II.</b> Method of Instruction: C Method of Delivery: O Effective Date: Summer 2015
Addition	CH 8613	Approved	<b>CH 8613 Methods in Biophysical Chemistry.</b> (3). Three hours lecture. Discussion of the physical methods and conceptual models used to describe the behavior of biological macromolecules and biochemical reactions. Method of Instruction: C Method of Delivery: F CIP: 26.0206 30 Char: Methods in Biophys Chem Effective Date: Spring 2016
Addition	CO 4263	Passed Contingent	<b>CO 4263 Gender Communication.</b>
Addition	FLH 3013	Passed Contingent	<b>FLH 3013 Plato.</b>
Addition	FLL 3111	Passed Contingent	<b>FLL 3111 Latin Prose Composition I.</b>
Addition	FLL 3121	Passed Contingent	<b>FLL 3121 Latin Prose Composition II.</b>
Addition	FLL 3131	Passed Contingent	<b>FLL 3131 Latin Prose Composition III.</b>



Addition	FLL 3173	<b>Passed Contingent</b>	<b>FLL 3173 Augustan Literature and Culture.</b>
Addition	FLL 4443	<b>Passed Contingent</b>	<b>FLL 4443 Caesar</b>
Modification	FLS 1113	<b>Passed Contingent</b>	<b>FLS 1113 Spanish I.</b>
Modification	FLS 1123	<b>Passed Contingent</b>	<b>FLS 1123. Spanish II.</b>
Modification	FLS 2133	<b>Passed Contingent</b>	<b>FLS 2133. Spanish III.</b>
Addition +Meridian	FLS 2233	<b>Not Approved</b>	<b>FLS 2233 Spanish for Professionals</b>
Modification	PSY 8450	<b>Tabled</b>	<b>PSY 8450 Applied Clinical.</b>
Modification	PSY 8460	<b>Tabled</b>	<b>PSY 8460 Professional Practicum.</b>

**BUSINESS**

Addition	BIS 1523	<b>Passed Contingent</b>	<b>BIS 1523 Web Development I.</b>
Addition	BIS 2523	<b>Passed Contingent</b>	<b>BIS 2523 Web Development II.</b>
Modification	BIS 3523	<b>Passed Contingent</b>	<b>BIS 3523 Advanced Languages.</b>
Modification	BIS 4523	<b>Passed Contingent</b>	<b>BIS 4523 Advanced Languages II.</b>
Modification	BIS 6523	<b>Passed Contingent</b>	<b>BIS 6523 Advanced Languages II.</b>
+Distance	BL 4243/6243	<b>Approved</b>	<b>BL 4243/6243 Approval to Offer Online Campus 5 for Legal Aspects of Entrepreneurship.</b> Method of Instruction: C Method of Delivery: O Effective Date: Fall 2015
Addition	FIN 4111	<b>Passed Contingent</b>	<b>FIN 4111 TVA Panel I.</b>
Addition	FIN 4112	<b>Passed Contingent</b>	<b>FIN 4112 TVA Panel II.</b>

Addition	FIN 4323/6323	Approved	<b>FIN 4323/6323 Entrepreneurial Finance.</b> (3). (Prerequisite: Grade of C or better in <u>FIN 3123</u> or <u>IE 3913</u> ). Three hours lecture. Development, implementation, and control of financial plans, strategies, and policies by owner-managers of small and medium-sized firms; analysis of alternatives and decision making. Method of Instruction: C Method of Delivery: F & O CIP: 52.0899 30 Char: Entrepreneurial Finance Effective Date: Summer 2015
Addition	MKT 4423/6423	Approved	<b>MKT 4423/6423 Strategic Brand Management.</b> (3). (Prerequisite: <u>MKT 3013</u> ). Three hours lecture. This course explores the concepts of brands, brand equity, and strategic brand management, providing practical insights for building brands and enhancing profitability of existing brands. Method of Instruction: C Method of Delivery: F & O CIP: 52.1401 30 Char: Strategic Brand Management Effective Date: Summer 2015

## EDUCATION

+Distance	EDE 3233	Approved	<b>EDE 3233 Approval to Offer Online Campus 5 for Teaching Children's Literature at the Elementary and Middle Levels.</b> Method of Instruction: C Method of Delivery: O Effective Date: Summer 2015
+Distance	EDE 3343	Approved	<b>EDE 3343 Approval to Offer Online Campus 5 for Teaching Adolescent Literature.</b> Method of Instruction: C Method of Delivery: O Effective Date: Summer 2015
Deletion	EDS 9603	Approved	<b>EDS 9603 Practicum in College Teaching of Secondary Education.</b> Effective Date: Summer 2015
Modification	EDX 3223	Tabled	<b>EDX 3223 Introduction to Emotional/Behavioral Disorders.</b>
Modification	EDX 3233	Tabled	<b>EDX 3233 Contingency Management.</b>

Modification	EDX 4113	<b>Tabled</b>	<b>EDX 4113 Methods and Materials for Early Childhood Students w/Disabilities.</b>
Modification	EDX 4123	<b>Tabled</b>	<b>EDX 4123 Methods and Materials for Elementary Students with Disabilities.</b>
Modification	EDX 4133	<b>Tabled</b>	<b>EDX 4133 Methods and Materials for Secondary Students with Disabilities.</b>
Modification	EDX 4353	<b>Tabled</b>	<b>EDX 4353 Assistive Technology with Special Education.</b>
Modification	EDX 4413	<b>Tabled</b>	<b>EDX 4413 Working with Families of Students with Disabilities.</b>
Deletion	EDX 4423	<b>Tabled</b>	<b>EDX 4423 Teaching the Disadvantaged Child.</b>
Modification	EDX 4503	<b>Tabled</b>	<b>EDX 4503 Teaching Students with Severe Disabilities.</b>
Modification	EDX 4603	<b>Tabled</b>	<b>EDX 4603 Students with Physical/Multiple Disabilities</b>
Modification	EDX 4613	<b>Tabled</b>	<b>EDX 4613 Teaching Students with Physical/Multiple Disabilities</b>
Modification	EDX 4623	<b>Tabled</b>	<b>EDX 4623 Adaptions for Students with Physical/Multiple Disabilities</b>
Modification	EDX 6173	<b>Tabled</b>	<b>EDX 6173 Introduction to Contingency Management</b>
Modification	EDX 8023	<b>Tabled</b>	<b>EDX 8023 Introduction to Teaching Individuals with Learning Disabilities</b>
Modification	EDX 8053	<b>Tabled</b>	<b>EDX 8053 Introduction to Teaching Individuals with Emotional and Behavioral Disorders</b>
Modification	EDX 8143	<b>Tabled</b>	<b>EDX 8143 Early Education for Students with Disabilities</b>
Modification	EDX 8163	<b>Tabled</b>	<b>EDX 8163 Teaching Strategies for Students Who are Gifted</b>
Modification	EDX 8173	<b>Tabled</b>	<b>EDX 8173 Special Education in the Regular Classroom</b>
Modification	EDX 8213	<b>Tabled</b>	<b>EDX 8213 Practicum: Remediation of Students with Disabilities</b>
Modification	EDX 8233	<b>Tabled</b>	<b>EDX 8233 Special Education: Internship I</b>
Modification	EDX 8303	<b>Tabled</b>	<b>EDX 8303 Seminar in Intellectual Disabilities</b>
Modification	EDX 8403	<b>Tabled</b>	<b>EDX 8403 Teaching Students with Emotional /Behavioral Disabilities</b>
Modification	EDX 8393	<b>Tabled</b>	<b>EDX 8393 Seminar in Emotional/Behavioral Disabilities.</b>
Addition	LSK 1043	<b>Passed Contingent</b>	<b>LSK 1043 Life Skills for Student Athlete.</b>
Addition	LSK 1102	<b>Passed Contingent</b>	<b>LSK 1102 Academic Learning Strategies for Math.</b>

Addition	MU 2521	<b>Approved</b>	<b>MU 2521 Steel Drum Ensemble. (1).</b> One hour lecture. Exploration of performance techniques, repertoire, and cultural history of Trinidadian steel drums. No audition required. May be repeated for credit. Method of Instruction: C Method of Delivery: F CIP: 50.0903 30 Char: Steel Drum Ensemble Effective Date: Summer 2015
Addition	MUE 3233	<b>Passed Contingent</b>	<b>MUE 3233 Guitar Pedagogy. (3).</b>
Addition	SS 2103	<b>Passed Contingent</b>	<b>SS 2103 Sport Careers and Practicum. (3).</b>
Addition	SS 3503	<b>Passed Contingent</b>	<b>SS 3503 Sport and Recreational Leadership. (3).</b>
Addition	SS 3603	<b>Passed Contingent</b>	<b>SS 3603 Program Planning in Sport and Recreation. (3).</b>
Addition	SS 3703	<b>Passed Contingent</b>	<b>SS 3703 Contemporary Issues in Intercollegiate Athletics. (3).</b>
Addition	SS 4503	<b>Passed Contingent</b>	<b>SS 4503 Sport Promotion and Sales Management. (3).</b>
Addition +Distance	TKT 8443	<b>Passed Contingent</b>	<b>TKT 8443 Theories of Multimedia Learning.</b>
Addition +Distance	TKT 8523	<b>Passed Contingent</b>	<b>TKT 8523 Project Management in Instructional Design.</b>
Addition +Distance	TKT 8533	<b>Passed Contingent</b>	<b>TKT 8533 Evaluation and Assessment in Instructional Systems and Technology.</b>
Addition +Distance	TKT 8543	<b>Passed Contingent</b>	<b>TKT 8543 Multimedia Design I.</b>
Addition +Distance	TKT 8623	<b>Passed Contingent</b>	<b>TKT 8623 Instructional Design I.</b>
Addition +Distance	TKT 8643	<b>Passed Contingent</b>	<b>TKT 8643 Multimedia Design II.</b>
Addition +Distance	TKT 8693	<b>Passed Contingent</b>	<b>TKT 8693 Multiple Perspectives on Instructional Systems and Technology.</b>
Modification +Distance	TKT 8703	<b>Passed Contingent</b>	<b>TKT 8703 Trends and Issues in Instructional Systems.</b>
Modification +Distance	TKT 8713	<b>Passed Contingent</b>	<b>TKT 8713 Seminar in Industrial Research and Development.</b>
Modification +Distance	TKT 8723	<b>Passed Contingent</b>	<b>TKT 8723 Instructional Design for Industry.</b>
Modification +Distance	TKT 8743	<b>Passed Contingent</b>	<b>TKT 8743 Interactive Media.</b>

Modification +Distance	TKT 8793	<b>Passed Contingent.</b>	<b>TKT 8793 Directed Project in Instructional Technology.</b>
Modification +Distance	TKT 8813	<b>Passed Contingent</b>	<b>TKT 8813 Issues in Distance Education.</b>
Addition +Distance	TKT 8823	<b>Passed Contingent</b>	<b>TKT 8823 Design, Delivery, &amp; Management of Distance Education.</b>
Addition +Distance	TKT 8843	<b>Passed Contingent</b>	<b>TKT 8843 Foundations of Instructional Systems and Technology</b>
Addition +Distance	TKT 8853	<b>Passed Contingent</b>	<b>TKT 8853 Learning Technologies in Distance Education</b>

### **ENGINEERING**

Modification	ASE 3213	<b>Tabled</b>	<b>ASE 3213 Mechanics of Deformable Structures.</b>
Modification	ASE 3223	<b>Tabled</b>	<b>ASE 3223 Aerospace Structural Analysis.</b>
+Distance	ASE 6013	<b>Approved</b>	<b>ASE 6013 Approval to Offer Campus 5 for Directed Project in ASE. (3).</b> Method of Instruction: I Method of Delivery: F & O Effective Date: Summer 2015
+Distance	ASE 7000	<b>Approved</b>	<b>ASE 7000 Approval to Offer Campus 5 for Directed Individual Study.</b> Method of Instruction: I Method of Delivery: F & O Effective Date: Summer 2015
+Distance	CME 8000	<b>Approved</b>	<b>CME 8000 Approval to Offer Campus 5 for Thesis Research/Thesis in Computational Engineering. (1-13).</b> Method of Instruction: D Method of Delivery: O Effective Date: Fall 2015
Modification	CSE 4363/6363	<b>Passed Cont.</b>	<b>CS 4363/6363 Software Reverse Engineering.</b>



**FORESTRY RESOURCES**

<p>Technical Change      FP 1001</p>	<p><b>Approved</b></p>	<p><b>FROM: FP 1001 First Year Seminar.</b> (1). One hour lecture. First-year seminars explore a diverse array of topics and provides students with an opportunity to learn about a specific discipline from skilled faculty members.  <b>TO: SBP 1001 First Year Seminar.</b> (1). One hour lecture. First-year seminars explore a diverse array of topics and provides students with an opportunity to learn about a specific discipline from skilled faculty members.  Method of Instruction: S  Method of Delivery: F  CIP: 03.0101  30 Character Abbreviation: First Year Seminar  Effective Date: Fall 2015</p>
<p>Modification              FP 1103</p>	<p><b>Approved</b></p>	<p><b>FROM: FP 1103 Wood Technology and Products.</b> (3). Three hours lecture. A survey of wood structures, properties, and products, including reconstituted wood products, chemicals from wood and wood preservation.  <b>TO: SBP 1103 Introduction to Sustainable Bioproducts.</b> (3). Three hours lecture. A survey of biomass structure, anatomy, properties and chemistry, and the processes used to manufacture sustainable biomass-based products.  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Intro Sustain Bioproduct  Effective Date: Fall 2015</p>

*all of the  
FP proposals  
are paper*

Technical Change	FP 2990	Approved	<p><b>FROM: FP 2990 Special Topic in Forest Products.</b> (1-9). Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p><b>TO: SBP 2990 Special Topic in SBP.</b> (1-9). Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years).</p> <p>Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Special Topic in SBP  Effective Date: Fall 2015</p>
Modification	FP 3012	Approved	<p><b>FROM: FP 3012 Forest Industries.</b> (2). Forty hours per week for two weeks of laboratory. Guided introduction to forest products industries and processes.</p> <p><b>TO: SBP 2012 Introduction to Bioproduct Industries.</b> (2). One hour lecture and one hour Laboratory/Field Trip. This course will be taught as a site tour of bioproduct industries focusing on conversion and use of biomass resources in the Southeastern United States. (During the two weeks of intersession term, class will meet six hours per day.)</p> <p>Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Bioproduct Industry  Effective Date: Fall 2015</p>

<p>Technical Change      FP 4000</p>	<p><b>Approved</b></p>	<p><b>FROM: FP 4000 Directed Individual Study.</b> (1-6). Hours and credits to be arranged.  <b>TO: SBP 4000 Directed Individual Study.</b> (1-6). Hours and credits to be arranged.  Method of Instruction: I  Method of Delivery: F  CIP: 03.0101  30 Char: Directed Indiv Study  Effective Date: Fall 2015</p>
<p>Modification      FP 4023/6023</p>	<p><b>Approved</b></p>	<p><b>FROM: FP 4023/6023 Wood Chemistry</b> (3). Three hour lecture. (Prerequisites: CH 1053 and CH 1223). Introduction to the distribution, chemical structure, reactions, and uses of the chemical components of wood including cellulose, hemicellulose, lignin, and extractives.  <b>TO: SBP 4023/6023 Lignocellulosic Biomass Chemistry.</b> (3). (Prerequisites: CH 1043 and CH 1053 or equivalent.) Chemical composition of lignocellulosic biomass (wood, agricultural residues, and bioenergy crops) including cellulose, hemicelluloses, lignin, and extractives, their structures, isolation, processes and applications.  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Lignocell Biomass Chem  Effective Date: Fall 2015</p>

Modification      FP 4113/6113	<b>Approved</b>	<p><b>FROM: FP 4113/6113 Adhesives and Finishes.</b> (3). Two hours lecture. Three hours laboratory. (Prerequisite: CH 1053, FP 1103, or Consent of Instructor.) Theory and technology of adhesion; adhesive types, application equipment; fundamental of coating technology; wood finishes; finishing systems; evaluation of glued, finished products; market volumes.</p> <p><b>TO: SBP 4113/6113 Adhesives and Biocomposites.</b> (3). Two hours lecture. Three hours laboratory. (Prerequisites: SBP 2123, SBP 3113, SBP 3123, and CH 1053.) Theories and practices of adhesives and finishing materials used in the manufacture of biocomposite products and furniture.</p> <p>Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Adhesives Biocomposites  Effective Date: Fall 2015</p>
Modification      FP 4143/6143	<b>Approved</b>	<p><b>FROM: FP 4143/6143 Composite Wood Products.</b> (3). Two hours lecture. Three hours laboratory. (Prerequisite: FP 44113 or Consent of Instructor). Study of physical and chemical parameters affecting reconstituted wood products; laboratory investigation of processing methods; industrial standards and quality control; markets.</p> <p><b>TO: SBP 4144/6144 Biocomposite Application and Manufacturing.</b> (4). Three hours lecture. Three hours laboratory. (Prerequisite: SBP 2123, SBP 3113, SBP 3123, and SBP 4113/6113 or Consent of Instructor). This course evaluates the application of raw bio-materials (wood, non-wood biomaterial and resins) that are used to manufacture reconstituted and laminated bio-composite products and to classify these products by type, properties, and applications.</p> <p>Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Biocomposite Appl Manuf  Effective Date: Fall 2015</p>



<p>Modification    FP 4213/6213</p>	<p><b>Approved</b></p>	<p><b>FROM: FP 4213/6213 Wood Deterioration and Preservation.</b> (3). Two hours lecture. Three hours laboratory. (Prerequisite: Consent of Instructor). Thermal, biological, and mechanical agents of wood products deterioration; biological control; design considerations; wood preservatives, preservation systems; treatability; preservative effectiveness; standards, pollution control.</p> <p><b>TO: SBP 4213/6213 Deterioration and Preservation of Biomaterials.</b> (3). Two hours lecture. Three hours laboratory. (Prerequisite: SBP 1103 or Consent of Instructor). Thermal, biological, and mechanical agents of bioproducts deterioration; biological control; design considerations; preservatives, preservation systems; treatability; preservative effectiveness; standards, pollution control.</p> <p>Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Deter Preser Biomat  Effective: Fall 2015</p>
<p>Modification    FP 4253/6253</p>	<p><b>Approved</b></p>	<p><b>FROM: FP 4253/6353 Quantitative Methods in Forest Products and Furniture.</b> (3). Three hours lecture. (Prerequisites: MA 1613 or MA 1713, BIS 1013, or concurrent). Application of economic principals to the production and marketing of forest products; production theory of single and multiproduct firms; computer applications.</p> <p><b>TO: SBP 4253/6253 Quantitative Methods in Sustainable Bioproducts.</b> Three hours lectures. (Prerequisite: MA 1313 and MA 1323 or equivalent and SBP 2123). The study and practical application of quantitative techniques commonly used in industry to evaluate the net worth of raw materials, and the cause and effect on process variables.</p> <p>Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Quant Method Sust Bioprod  Effective: Fall 2015</p>

Deletion	FP 4313/6313	Approved	<b>FP 4313/6313 Environmental Principles.</b> Effective Date: Fall 2015	✓
Deletion	FP 4323/6323	Approved	<b>FP 4323/6323 Wood Physics.</b> Effective Date: Fall 2015	✓
Deletion	FP 4423/6423	Approved	<b>FP 4423/6423 Mechanical Properties.</b> Effective Date: Fall 2015	
Tech. Change	FP 4990	Approved	<b>FROM: FP 4990 Special Topic in Forest Products.</b> (1-9). Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years). <b>TO: SBP 4990 Special Topic in SBP.</b> (1-9). Credit and title to be arranged. This course is to be used on a limited basis to offer developing subject matter areas not covered in existing courses. (Courses limited to two offerings under one title within two academic years). Method of Instruction: C Method of Delivery: F CIP: 03.0101 30 Char: Special Topic in FP Effective Date: Fall 2015	✓
Addition	SBP 1203	Approved	<b>SBP 1203 Anatomy of Wood and other Natural Materials.</b> (3). (Prerequisite: SBP 1103 or consent of instructor). Two hours lecture and three hours laboratory. Anatomy of commercial timber species and natural materials used to manufacture bioproducts; elements of botanical microtechnique, fundamentals of microscopy; gross and minute structural characteristics. Method of Instruction: B Method of Delivery: F CIP: 03.0101 30 Char: Anatomy Wood Nat Mat Effective: Fall 2015	✓

<p>Addition +Maymester</p> <p>SBP 2012</p>	<p><b>Approved</b></p>	<p><b>SBP 2012 Introduction to Bioproduct Industries.</b> (2). One hour lecture and one hour laboratory/field trip. This course will be taught as a site tour of bioproduct industries focusing on conversion and use of biomass resources in the Southeastern United States. (During two weeks of intersession term, class will meet six hour per day.)  Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Intro to Bioproduct Industries  Effective: Fall 2015</p>
<p>Addition</p> <p>SBP 2123</p>	<p><b>Approved</b></p>	<p><b>SBP 2123 Materials and Processing in Sustainable Bioproducts.</b> (3). (Prerequisite: SBP 2012 or consent of instructor). Three hours lecture. Introduction to processing of sustainable biomaterials including generation of by-products; also methods for product evaluation with American Society of Testing and Materials (ASTM) standards.  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Mat Proc Sustain Bioprod  Effective: Fall 2015</p>
<p>Addition</p> <p>SBP 3113</p>	<p><b>Approved</b></p>	<p><b>SBP 3113 Biomaterial Physics and Mechanics.</b> (3). (Prerequisite: MA 1323 or equivalent). Two hours lecture and two hours laboratory. This course focuses on understanding important physical and mechanical properties of biomaterials and the relationship of these properties to manufacturing processes and product uses.  Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Biomaterial Phys Mech  Effective: Fall 2015</p>



Addition	SBP 3123	Approved	<p><b>SBP 3123 Biomass to Bioproducts. (3).</b> (Prerequisite: CH 1043 or equivalent). Three hours lecture. Introduction to chemical/physical properties of forestry and agro crops with overview of products derived from plant materials. Innovative and emerging bioproducts industries are described.</p> <p>Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Biomass to Bioprod  Effective: Fall 2015</p>
Addition	SBP 3143	Approved	<p><b>SBP 3143 Biomass Characteristics and Production. (3).</b> (Prerequisite CH 1043, BIO 1134, and MA 1313). Three hours lecture. Methods of field production and characteristics of biomass utilized for fuels and biochemicals.</p> <p>Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Biomass Char and Prod  Effective: Fall 2015</p>
Addition	SBP 4133/6133	Approved	<p><b>SBP 4133/6133 Biorefinery Processes. (3).</b> (Prerequisites: SBP 4023 or consent of instructor). Three hours lecture. An overview of the different chemical and thermochemical biorefinery processes used to convert biomass into chemicals and fuels.</p> <p>Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Biorefinery Processes  Effective: Fall 2015</p>
Addition	SBP 4153/6153	Approved	<p><b>SBP 4153/6153 Biological Conversion of Biomass. (3).</b> (Prerequisite: BIO 1134 and BIO 1144 or consent of instructor). Three hours lecture. Introduction to concepts of conversion of biomass by organisms or isolated enzymes to chemicals focusing on breakdown of cellulose, lignin and hemicelluloses and enzyme kinetics.</p> <p>Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Biol Conversion Biomass  Effective: Fall 2015</p>



Addition	SBP 4243/6243	<b>Approved</b>	<p><b>SBP 4243/6243 Sustainable Bioproducts.</b> (3). (Prerequisite: SBP 3123 or consent of instructor). Three hours lecture. Expanding students' knowledge of bioproducts, manufacturing principles and processes according to various industrial fields and insights into new approaches and methods in bioproducts industries.  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Sustainable Bioproducts  Effective: Fall 2015</p>
Addition	SBP 4263/6263	<b>Approved</b>	<p><b>SBP 4263/6263 Strength Design of Furniture as Green Products.</b> (3). (Prerequisite: SBP 3113 or consent of instructor). Two hours lecture. Three hours laboratory. General principles of structural analysis of furniture; strength design of members and joints; mechanical properties of environmentally preferable materials; design and analysis computer software; green and sustainable design of certifications; and testing standards.  Method of Instruction: B  Method of Delivery: F  CIP: 03.0101  30 Char: Strength Design Furniture  Effective: Fall 2015</p>
Addition	SBP 4313/6313	<b>Approved</b>	<p><b>SBP 4313/6313 Bioproducts and the Environment.</b> (3). (Prerequisites: SBP 2012, 2123, and 3123 or consent of instructor). Three hours lecture. An introduction to environmental topics and laws, environmental impact, and control technologies associated with emissions from diverse sustainable bioproducts industries, including global and national issues.  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Bioproducts Environment  Effective: Fall 2015</p>

Addition	SBP 4333/6333	<b>Approved</b>	<p><b>SBP 4333/6333 Bioproducts and Environmental Biotechnology. (3).</b>  (Prerequisites: SBP 4313/6313 or consent of instructor). Three hours lecture. Introduction to biotechnological applications which remediate, minimize or eliminate environmental emissions from bioproduct industries, including wood preservatives, high organic process water, adhesives, resins and solvents.  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Bioprod Environ Biotech  Effective: Fall 2015</p>
Addition	SBP 4443	<b>Approved</b>	<p><b>SBP 4443 Capstone Sustainable Bioproducts. (3).</b> (Prerequisite: consent of instructor). Integration of knowledge from courses and current issues involving team projects that explore manufacturing problems or product design, emphasizing LCA, social /global perspectives, and problem solving  Method of Instruction: C  Method of Delivery: F  CIP: 03.0101  30 Char: Capstone Sustain Bio  Effective: Fall 2015</p>
Addition	SBP 4450	<b>Approved</b>	<p><b>SBP 4450 Undergraduate Research in Sustainable Bioproducts. (1-6).</b>  (Prerequisite: Senior Standing and consent of instructor). 1-6 Variable hour laboratory. This course is introduced to introduce senior level students to the concepts of independent and original research. (Course limited to two offerings).  Method of Instruction: L  Method of Delivery: F  CIP: 03.0101  30 Char: Undergrad Research in SBP  Effective: Fall 2015</p>



## VETERINARY MEDICINE

Addition	CVM 8033	<b>Approved</b>	<b>CVM 8033 Poultry Histopathology.</b> (3). Three hours lecture. Microscopic Anatomy and diagnosis of major poultry diseases. Tissues histologic reactions to injury from physical-mechanical, genetic-base, metabolic, viral, bacterial, protozoan insults. Writing histopathology reports. Method of Instruction: C Method of Delivery: F CIP: 51.2505 30 Char: Poultry Histopathology Effective Date: Spring 2015
Addition	CVM 8822	<b>Passed Contingent</b>	<b>CVM 8822 Advanced Surgical Techniques.</b>

## 2. Degree Proposals by college/school:

### AGRICULTURE AND LIFE SCIENCES

Addition	Degree: MS Major: Plant and Soil Sciences	<b>Approved</b>	Forwarded to Graduate Council.
Addition	Degree: Ph.D. Major: Plant and Soil Sciences	<b>Approved</b>	Forwarded to Graduate Council.

### BUSINESS

Modification	Degree: BBA Major: Business Information Systems	<b>Passed Contingent</b>	
Addition	Minor: Entrepreneurship	<b>Approved</b>	Creates a Minor in Entrepreneurship comprised of 16 hours of courses. See proposal for further details. Effective Date: Fall 2015

### EDUCATION

Modification	Degree: MS Major: Instructional Technology Concentrations: Instructional Design; Distance Education; Multimedia	<b>Approved</b>	See proposal for list of changes. Forwarded to Graduate Council.
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+Distance	Degree: MS Major: Instructional Technology Concentrations: Instructional Design; Distance Education; Multimedia	<b>Approved</b>	Requesting that Campus 1 Master of Science in Instructional Technology be approved as an online degree. Forwarded to Graduate Council.
Modification	Degree: Ph.D. Major: Instructional Systems and Workforce Development	<b>Approved</b>	Updated the Ph.D. program after a course title modification was approved for TKT 8713 Seminar in Industrial Research and Development. Forwarded to Graduate Council.
Modification +Distance	Degree: MAT Concentration: Special Education	<b>Tabled</b>	

**FOREST RESOURCES**

Addition	Degree: BS Major: Sustainable Bioproducts	<b>Approved</b>	Creates an undergraduate degree in Sustainable Bioproducts. Forwarded to Provost and President before submission to IHL.
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All of the proposals were approved with the exception of the following:

Proposals\*\*

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Peter L. Ryan  
Dr. Peter L. Ryan  
Associate Vice President for Academic Affairs

February 6, 2015  
Date