

College of Business

Department of Business Administration, Management, and Marketing Contact: [Dr. Linda Carr](#) ext. 3471 Station # 21

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. New Course		AB 300. INTRODUCTION TO AGRIBUSINESS MANAGEMENT (3) Application of management principles and processes to agricultural business firms in their planning and operating domestic and international markets.	First course in new online certificate program (BST) being developed in conjunction with National Young Farmers Educational Association (NYFEA). Course will be offered Spring2 2010	Approved by College Academic Council 11/9/2009	None. Course delivered online only.
II. New Course		AB 301. PRINCIPLES OF ANIMAL SCIENCE (3) Study of the major animal groups significant to the agricultural animal industry and the basic characteristics of each. Topics on animal health and nutrition, proper management as well as the history of the breeds will be covered.	Second course in new online certificate program (BST) being developed in conjunction with National Young Farmers Educational Association (NYFEA). Course will be offered Spring2 2010	Approved by College Academic Council 11/9/2009	None. Course delivered online only.

Julia Tutwiler College of Education

Department of Physical Education & Athletic Training Contact: [Dr. R. T. Floyd](#) ext. 3714 Station # 14

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. Course Name & Description Change	PE 451. FITNESS AND WELLNESS PROGRAMMING (3) Fitness testing and exercise prescription.	PE 451. EXERCISE PRESCRIPTION (3) Procedures for developing exercise programs for "apparently healthy adults" (as defined by the American College of Sports Medicine).	Proposed name and description better describes the course content and is more widely accepted.	None. Approved by COE Academic Council 10/26/09	None.
II. Course Name & Description Change	PE 551. FITNESS AND WELLNESS PROGRAMMING (3) Policy, principles, and procedures in designing, implementing, and maintaining fitness and wellness programs. Project required.	PE 551. EXERCISE PRESCRIPTION (3) Procedures for developing exercise programs for "apparently healthy adults" (as defined by the American College of Sports Medicine). Research Project required.	Proposed name and description better describes the course content and is more widely accepted.	None. Approved by COE Academic Council 10/26/09	None.
III. Major Requirement Change	PHYSICAL EDUCATION (NON-TEACHING CURRICULUM) PHYSICAL EDUCATION REQUIREMENTS 60-61 hours PE 434, Sport and Exercise Law 3 PE 443, Kinesiology 3 PE 444, Exercise Physiology 3 PE 465, Psychology and Sociology of Human Performance 3 Exercise Science Emphasis 48 hours BY 232, Human Anatomy and Physiology II 4 BY 234, Medical Terminology 3 BY 331, Immunology 4 OR BY 330, Hematology	PHYSICAL EDUCATION (NON-TEACHING CURRICULUM) PHYSICAL EDUCATION REQUIREMENTS 60-61 hours PE 434, Sport and Exercise Law 3 PE 443, Kinesiology 3 PE 444, Exercise Physiology 3 PE 465, Psychology and Sociology of Human Performance 3 Exercise Science Emphasis 48 hours BY 232, Human Anatomy and Physiology II 4 BY 234, Medical Terminology 3 BY 331, Immunology 4 OR BY 330, Hematology PE 345, Motor Learning and Motor 3	Replacing PE 323, Adapted Physical Education as a requirement with PE 470, Development of Strength and Conditioning Programs is proposed as this is felt to be more appropriate for the majority of the Physical Education Exercise Emphasis majors. The majority of these students already take PE 470 as an elective. Upon making this change these students may still take PE 323, Adapted Physical Education as an elective.	None. Approved by COE Academic Council 10/26/09 & 11/6/09	None.

PE 323, Adapted Physical Education	3	Development		CS 205, Microcomputer Applications was previously required as part of the Sports Management Emphasis and Business Administration Minor, but CS 210, Introduction to CIS was placed in the <i>Catalogue</i> due to recent confusion. This change provides for consistency here with the Business Administration Minor.
PE 345, Motor Learning/Motor Development	3	PE 373, Introduction to Athletic Training	3	
PE 373, Introduction to Athletic Training	3	PE 421, Testing in Human Performance	3	
PE 421, Testing in Human Performance	3	PE 442, Sport and Exercise Nutrition	3	
PE 442, Sport and Exercise Nutrition	3	PE 445, Exercise Physiology Lab	1	
PE 445, Exercise Physiology Lab	1	PE 446, Biomechanics of Human Movement	3	
PE 446, Biomechanics of Human Movement	3	PE 449, Exercise Science Internship	12	
PE 449, Exercise Science Internship	12	PE 451, Exercise Prescription	3	
PE 451, Fitness and Wellness Programming	3	PE 470, Development of Strength and Conditioning Programs	3	
Approved Physical Education/Athletic Training Electives (300-400 level)	3	Approved Physical Education/Athletic Training Electives (300-400 level)	3	
Sport Management Emphasis	25 hours	Sport Management Emphasis	25 hours	
PE 280, Teaching, Coaching, and Officiating Traditional Team Sports	3	PE 280, Teaching, Coaching, and Officiating Traditional Team Sports	3	
PE 281, Teaching, Coaching, and Officiating Non-Traditional Team Sports	3	PE 281, Teaching, Coaching, and Officiating Non-Traditional Team Sports	3	
PE 332, Organization and Administration in Human Performance	3	PE 332, Organization and Administration in Human Performance	3	
PE 336, Sport Management Seminar	1	PE 336, Sport Management Seminar	1	
PE 439, Sports Management Internship	12	PE 439, Sports Management Internship	12	
Approved Physical Education/Athletic Training Electives (300-400 level)	3	Approved Physical Education/Athletic Training Electives (300-400 level)	3	
Business Administration Minor	24	Business Administration Minor	24	
(This minor is required as part of this emphasis.)		(This minor is required as part of this emphasis.)		
CS 210, Introduction to CIS	3	CS 205, Microcomputer Applications	3	
AC 211, Accounting I	3	AC 211, Accounting I	3	
AC 212, Accounting II	3	AC 212, Accounting II	3	
BA 263, Business Law and Legal Environment	3	BA 263, Business Law and Legal Environment	3	
BA 320, Business Communications	3	BA 320, Business Communications	3	
FI 300, Finance	3	FI 300, Finance	3	
MG 300, Management	3	MG 300, Management	3	
MK 300, Marketing	3	MK 300, Marketing	3	

Department of Teacher Education Contact: [Dr. Haywood Mayton](#) ext. 3795 Station # 8

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
Degree Name	THE DEGREE OF MASTER OF SCIENCE IN CONTINUING EDUCATION—GUIDANCE AND COUNSELING This degree does not qualify a student for any teaching certificate in the	THE DEGREE OF MASTER OF ARTS IN TEACHING (NON-CERTIFICATION—COUNSELING This degree does not qualify a student for any teaching certificate in	The MSCE degree is not well	There should be no impact on other academic programs	The degree name change

Change	<p>State of Alabama. Out of state students should check carefully the certification requirements of their respective states. To be admitted to this program, the prospective student must meet all requirements for admission to the School of Graduate Studies.</p> <table border="1"> <thead> <tr> <th colspan="2">HOURS</th> </tr> </thead> <tbody> <tr> <td>I. Professional Courses</td> <td>9</td> </tr> <tr> <td>- EP 500, Educational Psychology</td> <td>3</td> </tr> <tr> <td colspan="2" style="text-align: center;">OR</td> </tr> <tr> <td>- SC 506, Life Span Development</td> <td>-</td> </tr> <tr> <td>- ED 504, Techniques of Educational Research</td> <td>3</td> </tr> <tr> <td>- ED 506, Educational Statistics</td> <td>3</td> </tr> <tr> <td>II. Concentration</td> <td>24</td> </tr> <tr> <td>- SC 540, Guidance Function in Education</td> <td>3</td> </tr> <tr> <td>- SC 541, Techniques of Counseling</td> <td>3</td> </tr> <tr> <td>- SC 542, Career Development and Counseling</td> <td>3</td> </tr> <tr> <td>- SC 543, Guidance in the Elementary School</td> <td>3</td> </tr> <tr> <td>- SC 545, Diagnostic Techniques for School Counselors</td> <td>3</td> </tr> <tr> <td>- SC 546, Group Counseling</td> <td>3</td> </tr> <tr> <td>- SC 547, Counseling Multicultural Populations</td> <td>3</td> </tr> <tr> <td>- SC 540, Internship in School Counseling</td> <td>3</td> </tr> <tr> <td>- Total Required</td> <td>33</td> </tr> </tbody> </table>	HOURS		I. Professional Courses	9	- EP 500, Educational Psychology	3	OR		- SC 506, Life Span Development	-	- ED 504, Techniques of Educational Research	3	- ED 506, Educational Statistics	3	II. Concentration	24	- SC 540, Guidance Function in Education	3	- SC 541, Techniques of Counseling	3	- SC 542, Career Development and Counseling	3	- SC 543, Guidance in the Elementary School	3	- SC 545, Diagnostic Techniques for School Counselors	3	- SC 546, Group Counseling	3	- SC 547, Counseling Multicultural Populations	3	- SC 540, Internship in School Counseling	3	- Total Required	33	<p>the State of Alabama. Out of state students should check carefully the certification requirements of their respective states. To be admitted to this program, the prospective student must meet all requirements for admission to the School of Graduate Studies.</p> <table border="1"> <thead> <tr> <th colspan="2">HOURS</th> </tr> </thead> <tbody> <tr> <td>I. Professional Courses</td> <td>9</td> </tr> <tr> <td>- EP 500, Educational Psychology</td> <td>3</td> </tr> <tr> <td colspan="2" style="text-align: center;">OR</td> </tr> <tr> <td>- SC 506, Life Span Development</td> <td>-</td> </tr> <tr> <td>- ED 504, Techniques of Educational Research</td> <td>3</td> </tr> <tr> <td>- ED 506, Educational Statistics</td> <td>3</td> </tr> <tr> <td>II. Concentration</td> <td>24</td> </tr> <tr> <td>- SC 540, Guidance Function in Education</td> <td>3</td> </tr> <tr> <td>- SC 541, Techniques of Counseling</td> <td>3</td> </tr> <tr> <td>- SC 542, Career Development and Counseling</td> <td>3</td> </tr> <tr> <td>- SC 543, Guidance in the Elementary School</td> <td>3</td> </tr> <tr> <td>- SC 545, Diagnostic Techniques for School Counselors</td> <td>3</td> </tr> <tr> <td>- SC 546, Group Counseling</td> <td>3</td> </tr> <tr> <td>- SC 547, Counseling Multicultural Populations</td> <td>3</td> </tr> <tr> <td>- SC 540, Internship in School Counseling</td> <td>3</td> </tr> <tr> <td>- Total Required</td> <td>33</td> </tr> </tbody> </table>	HOURS		I. Professional Courses	9	- EP 500, Educational Psychology	3	OR		- SC 506, Life Span Development	-	- ED 504, Techniques of Educational Research	3	- ED 506, Educational Statistics	3	II. Concentration	24	- SC 540, Guidance Function in Education	3	- SC 541, Techniques of Counseling	3	- SC 542, Career Development and Counseling	3	- SC 543, Guidance in the Elementary School	3	- SC 545, Diagnostic Techniques for School Counselors	3	- SC 546, Group Counseling	3	- SC 547, Counseling Multicultural Populations	3	- SC 540, Internship in School Counseling	3	- Total Required	33	<p>recognized. Students have had difficulty attaining positions or promotions under the current degree title.</p>	<p>or areas. The COE Academic Council approved the change on November 6, 2000.</p>	<p>would not have significant personnel, facility, and budgetary implications. The program would remain exactly the same with the exception of the title of the degree.</p>
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	<p>To be admitted to this program, the prospective student must meet all requirements for admission to the School of Graduate Studies and hold valid masters level Library Media certification.</p> <table border="1"> <thead> <tr> <th colspan="2">HOURS</th> </tr> </thead> <tbody> <tr> <td>I. Professional Courses</td> <td>12</td> </tr> <tr> <td>IL 571, School Law</td> <td>3</td> </tr> <tr> <td>IL 573, Contextual Dimensions of Instructional Leadership</td> <td>3</td> </tr> <tr> <td>ED 601, Curriculum Design</td> <td>3</td> </tr> <tr> <td>ED 604, Advanced Educational Research</td> <td>3</td> </tr> <tr> <td>II. Instructional Support Area</td> <td>21</td> </tr> <tr> <td>LM 661, Strategic Planning for Library Media Specialist</td> <td>3</td> </tr> <tr> <td>LM 662, Library Automation</td> <td>3</td> </tr> <tr> <td>LM 663, Instructional Design</td> <td>3</td> </tr> <tr> <td>LM 664, Developmentally Appropriate and Culturally Responsive Library Media Program</td> <td>3</td> </tr> <tr> <td>LM 665, Designing School Library Media Center</td> <td>3</td> </tr> <tr> <td>LM 666, The School Library Media Center and School Reform</td> <td>3</td> </tr> <tr> <td>LM 667, Library Leadership and Collaborative Problem Solving</td> <td>3</td> </tr> <tr> <td>Total Required</td> <td>33</td> </tr> </tbody> </table> <p>*Students who have not previously met the special education requirement must take a general survey course in special education (SE 500). **This program is also offered online.</p> <p>NOTICE: Final approval from the SACS is expected for the Education Specialist Program in Library Media during the Spring 2009 semester, and courses are expected to be offered in the Fall 2009 term.</p>	HOURS		I. Professional Courses	12	IL 571, School Law	3	IL 573, Contextual Dimensions of Instructional Leadership	3	ED 601, Curriculum Design	3	ED 604, Advanced Educational Research	3	II. Instructional Support Area	21	LM 661, Strategic Planning for Library Media Specialist	3	LM 662, Library Automation	3	LM 663, Instructional Design	3	LM 664, Developmentally Appropriate and Culturally Responsive Library Media Program	3	LM 665, Designing School Library Media Center	3	LM 666, The School Library Media Center and School Reform	3	LM 667, Library Leadership and Collaborative Problem Solving	3	Total Required	33	<p>masters level degree in Library Media.</p> <table border="1"> <thead> <tr> <th colspan="2">HOURS</th> </tr> </thead> <tbody> <tr> <td>I. Professional Courses</td> <td>12</td> </tr> <tr> <td>IL 571, School Law</td> <td>3</td> </tr> <tr> <td>IL 573, Contextual Dimensions of Instructional Leadership</td> <td>3</td> </tr> <tr> <td>ED 601, Curriculum Design</td> <td>3</td> </tr> <tr> <td>ED 604, Advanced Educational Research</td> <td>3</td> </tr> <tr> <td>II. Instructional Support Area</td> <td>21</td> </tr> <tr> <td>LM 661, Strategic Planning for Library Media Specialist</td> <td>3</td> </tr> <tr> <td>LM 662, Library Automation</td> <td>3</td> </tr> <tr> <td>LM 663, Instructional Design</td> <td>3</td> </tr> <tr> <td>LM 664, Developmentally Appropriate and Culturally Responsive Library Media Program</td> <td>3</td> </tr> <tr> <td>LM 665, Designing School Library Media Center</td> <td>3</td> </tr> <tr> <td>LM 666, The School Library Media Center and School Reform</td> <td>3</td> </tr> <tr> <td>LM 667, Library Leadership and Collaborative Problem Solving</td> <td>3</td> </tr> <tr> <td>Total Required</td> <td>33</td> </tr> </tbody> </table> <p>*Students who have not previously met the special education requirement must take a general survey course in special education (SE 500). **This program is also offered online.</p> <p>NOTICE: Final approval from the SACS is expected for the Education Specialist Program in Library Media during the Spring 2009 semester, and courses are expected to be offered in the Fall 2009 term.</p>	HOURS		I. Professional Courses	12	IL 571, School Law	3	IL 573, Contextual Dimensions of Instructional Leadership	3	ED 601, Curriculum Design	3	ED 604, Advanced Educational Research	3	II. Instructional Support Area	21	LM 661, Strategic Planning for Library Media Specialist	3	LM 662, Library Automation	3	LM 663, Instructional Design	3	LM 664, Developmentally Appropriate and Culturally Responsive Library Media Program	3	LM 665, Designing School Library Media Center	3	LM 666, The School Library Media Center and School Reform	3	LM 667, Library Leadership and Collaborative Problem Solving	3	Total Required	33	<p>enter the program with a Masters degree in Library Media but would not require Masters level certification in the field.</p>	<p>as the degree of Education Specialist in Library Media with only one change in admission requirements. The degree would also not lead to certification. The COE Academic Council approved the change on November 6, 2009.</p>	<p>additional faculty or have other negative financial implications. If the program succeeds, new faculty may be needed based on student enrollment.</p>
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LM 666, The School Library Media Center and School Reform	3																																																																
LM 667, Library Leadership and Collaborative Problem Solving	3																																																																
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LM 662, Library Automation	3																																																																
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<p>IV. New Degree</p>	<p>THE DEGREE OF EDUCATION SPECIALIST - COUNSELING</p> <p>To be admitted to this program, the prospective student must meet all requirements for admission to the School of Graduate Studies and hold valid masters level School Counseling certification.</p> <table border="1"> <thead> <tr> <th colspan="2">HOURS</th> </tr> </thead> <tbody> <tr> <td>I. Professional Courses</td> <td>12</td> </tr> <tr> <td>IL 571, School Law</td> <td>3</td> </tr> <tr> <td>IL 573, Contextual Dimensions of Instructional Leadership</td> <td>3</td> </tr> <tr> <td>ED 601, Curriculum Design</td> <td>3</td> </tr> <tr> <td>ED 604, Advanced Educational Research</td> <td>3</td> </tr> <tr> <td>II. Instructional Support Area</td> <td>21</td> </tr> <tr> <td>SC 641, Advanced Elementary School Counseling</td> <td>3</td> </tr> <tr> <td>SC 642, Counseling the Adolescent</td> <td>3</td> </tr> <tr> <td>SC 643, Substance Abuse Counseling</td> <td>3</td> </tr> <tr> <td>SC 644, Family Counseling Systems and Theory</td> <td>3</td> </tr> <tr> <td>SC 645, Consultation and Supervision for the School Counselor</td> <td>3</td> </tr> <tr> <td>SC 647, Research Seminar in School Counseling</td> <td>3</td> </tr> <tr> <td>SC 648 Current Issues in School Counseling</td> <td>3</td> </tr> <tr> <td>Total Required</td> <td>33</td> </tr> </tbody> </table> <p>*Students who have not previously met the special education requirement must take a general survey course in special education (SE 500). **This program is also offered online.</p>	HOURS		I. Professional Courses	12	IL 571, School Law	3	IL 573, Contextual Dimensions of Instructional Leadership	3	ED 601, Curriculum Design	3	ED 604, Advanced Educational Research	3	II. Instructional Support Area	21	SC 641, Advanced Elementary School Counseling	3	SC 642, Counseling the Adolescent	3	SC 643, Substance Abuse Counseling	3	SC 644, Family Counseling Systems and Theory	3	SC 645, Consultation and Supervision for the School Counselor	3	SC 647, Research Seminar in School Counseling	3	SC 648 Current Issues in School Counseling	3	Total Required	33	<p>THE DEGREE OF EDUCATION SPECIALIST (NON-CERTIFICATION) - COUNSELING</p> <p>To be admitted to this program, the prospective student must meet all requirements for admission to the School of Graduate Studies.</p> <table border="1"> <thead> <tr> <th colspan="2">HOURS</th> </tr> </thead> <tbody> <tr> <td>I. Professional Courses</td> <td>12</td> </tr> <tr> <td>IL 571, School Law</td> <td>3</td> </tr> <tr> <td>IL 573, Contextual Dimensions of Instructional Leadership</td> <td>3</td> </tr> <tr> <td>ED 601, Curriculum Design</td> <td>3</td> </tr> <tr> <td>ED 604, Advanced Educational Research</td> <td>3</td> </tr> <tr> <td>II. Instructional Support Area</td> <td>21</td> </tr> <tr> <td>SC 641, Advanced Elementary School Counseling</td> <td>3</td> </tr> <tr> <td>SC 642, Counseling the Adolescent</td> <td>3</td> </tr> <tr> <td>SC 643, Substance Abuse Counseling</td> <td>3</td> </tr> <tr> <td>SC 644, Family Counseling Systems and Theory</td> <td>3</td> </tr> <tr> <td>SC 645, Consultation and Supervision for the School Counselor</td> <td>3</td> </tr> <tr> <td>SC 647, Research Seminar in School Counseling</td> <td>3</td> </tr> <tr> <td>SC 648 Current Issues in School Counseling</td> <td>3</td> </tr> <tr> <td>Total Required</td> <td>33</td> </tr> </tbody> </table> <p>*Students who have not previously met the special education requirement must take a general survey course in special education (SE 500). **This program is also offered online.</p>	HOURS		I. Professional Courses	12	IL 571, School Law	3	IL 573, Contextual Dimensions of Instructional Leadership	3	ED 601, Curriculum Design	3	ED 604, Advanced Educational Research	3	II. Instructional Support Area	21	SC 641, Advanced Elementary School Counseling	3	SC 642, Counseling the Adolescent	3	SC 643, Substance Abuse Counseling	3	SC 644, Family Counseling Systems and Theory	3	SC 645, Consultation and Supervision for the School Counselor	3	SC 647, Research Seminar in School Counseling	3	SC 648 Current Issues in School Counseling	3	Total Required	33	<p>This degree would allow students to enter the program with a Masters Degree in Counseling but would not require Masters level certification in the field.</p>	<p>The program would be composed of the same courses and course requirements as the degree of Education Specialist in School Counseling. The name of the program would not include the term "School" but would be stated as "Counseling." Admission requirements would differ in the acceptance of a Masters degree instead of Masters level certification. The degree would also not lead to certification.</p>	<p>The degree would not currently require additional faculty or have other negative financial implications. If the program succeeds, new faculty may be needed based on student enrollment.</p>
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1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. Course Description	HR 407. HONORS THESIS (1-2) Completion of the senior thesis begun in HR 307. The student defends the completed work before a faculty committee. (To earn two semester hours of credit, an honors student must complete additional research as required by the thesis mentor.) <i>Prerequisite: HR 307 with a "C" or higher.</i> May be repeated for a maximum of three semester hours.	HR 407. HONORS THESIS (1-2) Completion of the senior thesis begun in HR 307. The student defends the completed work before a faculty committee. The thesis must be defended during or before the fifth week of the student's graduating semester. (To earn two semester hours of credit, an honors student must complete additional research as required by the thesis mentor.) <i>Prerequisite: HR 307 with a "C" or higher.</i> May be repeated for a maximum of three semester hours.	Presently, most senior Honors students wait until the graduating semester to defend their senior thesis project, which in turn leads to mediocre theses that are often hastily written. Moreover, the final draft often does not reflect the editorial and content revisions suggested by the committee during the final defense, for the students frequently graduate without revising the thesis. As a result, theses of poor quality are submitted and placed in our library. Requiring an earlier defense will ensure that students' final theses meet the standards of quality befitting an Honors project. The defense week would be officially labeled as Fifth Week for the Honors students, thus establishing a tradition of thesis defenses similar to those found in some graduate programs.	Approved by Honors Program Committee October 5, 2009 Approved by COLA Academic Council October 8, 2009	None

Department of Languages and Literature Contact Ms. [Mary Paqliero](#), ext. 3765 Station #22

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. New Course		SP 125. SPANISH FOR SOCIAL WORKERS (3) No prior Spanish needed. Instruction and practice in Spanish phrases needed by social workers, as well as basic Hispanic cultural background important for social workers.	With the increase in the Hispanic population has come a growing challenge to social workers to deliver to their Spanish-speaking clients linguistically and culturally appropriate services. Both language and cultural barriers can lead to miscommunication and misunderstanding of critical information, resulting in less than efficient, effective, and humane provision of assistance. To prepare UWA students of social work to better meet this challenge once they begin their careers, as well as to provide social workers in the University service area with basic Spanish language skills and Hispanic cultural background, a Spanish course is needed that offers phrases in Spanish related to the social workers' daily activities and insights into culture that model appropriate behavior. The course will not be a Spanish language class <i>per se</i> , but will be designed to provide a foundation of Spanish knowledge to be applied on a daily basis in the context of clients' needs.	None Approved by COLA Academic Council on October 8, 2009.	None

Department of History & Social Sciences Contact: [Dr. Mark Davis](#), ext. 3570 & [Dr. Rob Riser](#) ext. 3463 Station # 22

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. Course Name, Description &	HY 498. READING SEMINAR (1-3) Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and needs of student.	HY 498. SELECTED TOPICS IN HISTORY (3) Critical readings, lectures, and discussions of selected topics not generally included in course offerings. Course content and format determined	We are currently using "Reading Seminar" as a special topics vehicle even though those courses are not necessarily reading seminars. This corrects that and	Approved in COLA, 10/10/09	None

Prerequisite Change	<i>Prerequisite: permission of the dean.</i>	by students' interests and instructor expertise. Prerequisite: HY 300 and at least six additional hours of 300-level history courses.	in the event that a reading seminar needs to be offered, this course is flexible enough to embrace that.		
II. Course Name & Description Change	HY 598. READING SEMINAR (1-3) Extensive reading and class discussion as well as short papers on an historical subject or period determined by students' interests and instructor expertise. May be repeated for a maximum of six semester hours.	HY 598. SELECTED TOPICS IN HISTORY (3) Critical readings, lectures, and discussions of selected topics not generally included in course offerings. Course content and format determined by students' interests and instructor expertise. May be repeated for a maximum of six semester hours.	See I. above	Approved in COLA, 10/10/09 Approved in Grad Council, 10/21/09	None
III. Course Description & Prerequisite Change	HY 300. HISTORICAL METHODOLOGIES AND PRACTICES (3) This course will prepare students to conduct research and write research papers as historians. The class will discuss the theoretical and philosophical approaches to writing historical essays. Much of this course will revolve around writing research papers concentrating on content, form, analysis, citations, and methodology. <i>Prerequisites: at least nine semester hours of 100 or 200 level history courses.</i>	HY 300. HISTORICAL METHODOLOGIES AND PRACTICES (3) A writing-intensive introduction to the theoretical and philosophical approaches to history. The class will prepare students for senior-level history courses and for their senior year seminar projects. Special attention will be paid to the conventions of historical writing and the historian's craft. History majors should take HY 300 in the second semester of their sophomore year. Prerequisites: sophomore standing and at least nine hours of 100 and 200-level history courses.	The course descriptions for HY 300 and HY 400, and the prerequisite statements for nearly all of our courses, will be tweaked in order to effect significant changes in the three history majors (History, History Ed., and History Ed.--Gen. Social Sciences) and the History minor.	Approved in COLA, 10/10/09	None
IV. Course Description & Prerequisite Change	HY 400. SENIOR SEMINAR (3) The capstone course for history majors, designed to provide training in the principles of historical research and writing. Research paper required. <i>Prerequisites: junior standing and six semester hours of upper-division history.</i>	HY 400. SENIOR SEMINAR (3) The capstone course for history majors, designed to provide training in the principles of historical research and writing. Substantial research paper required. History majors should take HY 400 in the first semester of their senior year.	See III. above	Approved in COLA, 10/10/09	None
Course Prerequisite Changes for V. through XLVI.	<p>4. Rationale: Explain rationale for change.</p> <p>Nothing has been added or taken away, but we are imposing a program structure designed to ensure that students' progress through the major appropriately. None of these changes affects the total hours required of history majors in our three major programs; none of these changes affects the total hours required of history minors.</p> <p>Students will no longer be allowed to take courses before they are truly ready to take them and in the long run, we should see better graduates and more of them. This restructuring also complements pending changes in the University Honors Program, namely the requirement that students defend their honors theses early in their final semester.</p> <p>The most significant policy change here will be in how we regulate progression within the major as students move from freshman and sophomore-level courses and on into junior and senior-level work. Additional changes (that will not be reflected in the catalog) will have to do mainly with heightened writing requirements in history courses.</p> <p><u>FRESHMEN AND SOPHOMORES</u> There is no real change here; freshmen and sophomores will complete two basic survey sequences.</p> <p><u>JUNIORS</u> By their junior year, students should have completed all four of the surveys as well as HY300, the basic gateway course for history majors.</p> <p>History majors will be encouraged to take HY 300 in the second semester of their sophomore year (students who enroll here as freshmen and sophomores will have no choice in this, but some leeway is needed to accommodate transfer students). Further, history majors will be required to complete nine hours of 300 level history courses (which would include HY 300) before enrolling for any 400 level courses (again, this will be non-negotiable for "native" UWA students but leeway remains for transfers). These changes will ensure that students are properly prepared for the requirements of senior-level history courses, which they could begin taking by the second semester of their junior year.</p> <p><u>SENIORS</u> History majors will enroll in HY 400 – Senior Seminar in the first semester of their senior year. By this point, they will be sufficiently prepared for work of this type, a class that will turn on their</p>				

	<p>ability to produce a senior paper that reflects a college senior level degree of sophistication. And since they are taking this in the first term of their senior year, they will have sufficient time to correct any deficiencies we identify.</p> <p>As well, this will accommodate the changed graduation requirements for history majors participating in the honors program. History majors in the honors program currently have the HY 400 requirement waived because they are producing honors theses. That will stop with this change and they will simply be allowed to work on their honors theses as part of HY 400 and they will have completed the seminar in time for their honors thesis defenses.</p> <p>Finally, it must be understood that we are already advising the current group of history majors with these guidelines in mind. But with the introduction of the new web-based registration, we need to have these requirements in the system so that they will be picked up during automated degree audits.</p> <p>Establish new prerequisite statements for: HY 307, HY 308, HY 341, HY 342, HY 371 New statement for all of these courses will read: Prerequisite: at least nine hours of 100 and 200 level history courses</p> <p>Establish new prerequisite statements for: HY 403, HY 404, HY 405, HY 406, HY 409, HY 410, HY 411, HY 412, HY 413, HY 414, HY 415, HY 416, HY 417, HY 418, HY 419, HY 420, HY 421, HY 422, HY 423, HY 425, HY 433, HY 435, HY 437, HY 445, HY 446, HY 450, HY 471, HY 472, HY 473, HY 475, HY 476, HY 485, HY 486, HY 488, HY 498 Existing prerequisite statements will be removed and replaced with the following: Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</p> <p>Additionally, when these descriptions are amended, all of the existing course descriptions will be edited to bring them in line with approved catalog style conventions.</p>				
V. Course Prerequisite Change	HY 307. INDEPENDENT STUDY IN HISTORY (3) Independent study for qualified undergraduate students. Research project required. <i>Prerequisite: permission of the instructor and Dean.</i>	HY 307. INDEPENDENT STUDY IN HISTORY (3) Independent study for qualified undergraduate students. Research project required. Prerequisite: at least nine hours of 100 and 200 level history courses.	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
VI. Course Prerequisite Change	HY 308. SELECTED TOPICS IN HISTORY (3) Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and needs of student. <i>Prerequisite: permission of the Dean.</i>	HY 308. SELECTED TOPICS IN HISTORY (3) Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and needs of student. Prerequisite: at least nine hours of 100 and 200 level history courses.	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
VII. Course Prerequisite Change	HY 341. HISTORY OF ENGLAND TO 1603 (3) A survey of the history of England from prehistory to 1603.	HY 341. HISTORY OF ENGLAND TO 1603 (3) A survey of the history of England from prehistory to 1603. Prerequisite: at least nine hours of 100 and 200 level history courses.	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
VIII. Course Prerequisite Change	HY 342. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO THE PRESENT (3) A survey of the history of England and the British Empire from 1603.	HY 342. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO THE PRESENT (3) A survey of the history of England and the British Empire from 1603. Prerequisite: at least nine hours of 100 and 200 level history courses.	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
IX. Course Prerequisite Change	HY 371. BLACKS AND THE LAW (3) An examination of the African-American struggle within the American legal system using primary documents, case law, and biographies.	HY 371. BLACKS AND THE LAW (3) An examination of the African-American struggle within the American legal system using primary documents, case law, and biographies. Prerequisite: at least nine hours of 100 and 200 level history courses.	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
X. Course Prerequisite Change	HY 403. THE FIRST WORLD WAR (3) A study of the origins of the First World War emphasizing the evolution of strategy, operations, and tactics.	HY 403. THE FIRST WORLD WAR (3) A study of the origins of the First World War emphasizing the evolution of strategy, operations, and tactics. Prerequisite: HY 300 and at least six additional hours of 300-level history courses.	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XI. Course Prerequisite Change	HY 404. THE SECOND WORLD WAR (3) A study of warfare from 1931 through 1945, emphasizing strategy, operations and tactics.	HY 404. THE SECOND WORLD WAR (3) A study of warfare from 1931 through 1945, emphasizing strategy, operations and tactics. Prerequisite: HY 300 and at least six additional	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None

		<i>hours of 300-level history courses.</i>			
XII. Course Prerequisite Change	HY 405. WAR OF THE MODERN AGE (3) The study of war and warfare from 1859 through September 11, 2001, with an emphasis on the evolution of strategy, operations, and tactics.	HY 405. WAR OF THE MODERN AGE (3) The study of war and warfare from 1859 through September 11, 2001, with an emphasis on the evolution of strategy, operations, and tactics. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XIII. Course Prerequisite Change	HY 406. FILM AND HISTORY (3) A survey of the history of film and the development of film within its cultural context. The course will include frequent discussions of the proper use of film in the classroom. <i>Prerequisite: HY 102 or HY 212.</i>	HY 406. FILM AND HISTORY (3) A survey of the history of film and the development of film within its cultural context. The course will include frequent discussions of the proper use of film in the classroom. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XIV. Course Prerequisite Change	HY 409. INTERNSHIP IN HISTORICAL PRESERVATION (3) Supervised internship at a public history facility. May be repeated for a maximum of six semester hours.	HY 409. INTERNSHIP IN HISTORICAL PRESERVATION (3) Supervised internship at a public history facility. May be repeated for a maximum of six semester hours. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XVI. Course Prerequisite Change	HY 410. AMERICAN DIPLOMATIC HISTORY (3) A study of the diplomatic events and foreign policy decisions in American history, with special emphasis on the United States as a world power. <i>Prerequisites: HY 211 and 212.</i>	HY 410. AMERICAN DIPLOMATIC HISTORY (3) A study of the diplomatic events and foreign policy decisions in American history, with special emphasis on the United States as a world power. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XVII. Course Prerequisite Change	HY 411. COLONIAL/REVOLUTIONARY AMERICA (3) A survey of the history of Colonial America from the age of discovery to the adoption of the Constitution. <i>Prerequisites: HY 211 and 212.</i>	HY 411. COLONIAL/REVOLUTIONARY AMERICA (3) A survey of the history of Colonial America from the age of discovery to the adoption of the Constitution. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XVIII. Course Prerequisite Change	HY 412. THE EARLY NATIONAL PERIOD (3) The development of the American Republic from 1789 to 1824. <i>Prerequisites: HY 211 and 212.</i>	HY 412. THE EARLY NATIONAL PERIOD (3) The development of the American Republic from 1789 to 1824. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XIX. Course Prerequisite Change	HY 413. JACKSONIAN AMERICA (3) The development of the United States from 1820 through 1845. <i>Prerequisites: HY 211 and 212.</i>	HY 413. JACKSONIAN AMERICA (3) The development of the United States from 1820 through 1845. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XX. Course Prerequisite Change	HY 414. U.S. HISTORY 1850-1876 (3) A study of the political and intellectual development of America during the Civil War era. <i>Prerequisites: HY 211 and 212.</i>	HY 414. U.S. HISTORY 1850-1876 (3) A study of the political and intellectual development of America during the Civil War era. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXI. Course Prerequisite Change	HY 415. GILDED AGE AND PROGRESSIVE ERA (3) U.S. History 1876-1917: A study of the American response to industrialization and its emergence as a world power. <i>Prerequisites: HY 211 and 212.</i>	HY 415. GILDED AGE AND PROGRESSIVE ERA (3) U.S. History 1876-1917: A study of the American response to industrialization and its emergence as a world power. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXII. Course	HY 416. AMERICA FROM WWI TO WWII (3)	HY 416. AMERICA FROM WWI TO WWII (3)	See Course Prerequisite Changes for V.	Approved in	None

Prerequisite Change	U.S. History 1917-1945: America in the Great War, the Roaring Twenties, Depression and the New Deal, and WWII. <i>Prerequisites: HY 211 and 212.</i>	U.S. History 1917-1945: America in the Great War, the Roaring Twenties, Depression and the New Deal, and WWII. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	through XLI. above.	COLA, 10/10/09	
XXIII. Course Prerequisite Change	HY 417. THE MODERN AGE IN THE UNITED STATES (3) U.S. history since 1945: A study of America in the Cold War, and social, economic and political revolutions at home. <i>Prerequisites: HY 211 and 212.</i>	HY 417. THE MODERN AGE IN THE UNITED STATES (3) U.S. history since 1945: A study of America in the Cold War, and social, economic and political revolutions at home. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXIV. Course Prerequisite Change	HY 418. U.S. CONSTITUTIONAL HISTORY I (3) An exploration of the cultural foundations of U.S. constitutional law and constitutionalism from the Glorious Revolution through 1868.	HY 418. U.S. CONSTITUTIONAL HISTORY I (3) An exploration of the cultural foundations of U.S. constitutional law and constitutionalism from the Glorious Revolution through 1868. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXV. Course Prerequisite Change	HY 419. U.S. CONSTITUTIONAL HISTORY II (3) An exploration of the evolution of U.S. constitutional law and constitutionalism from 1868 through the 1980s..	HY 419. U.S. CONSTITUTIONAL HISTORY II (3) An exploration of the evolution of U.S. constitutional law and constitutionalism from 1868 through the 1980s. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXVI. Course Prerequisite Change	HY 420. HISTORY OF ALABAMA (3) A survey of the major developments and events in the history of Alabama from the colonial period until the twentieth century.	HY 420. HISTORY OF ALABAMA (3) A survey of the major developments and events in the history of Alabama from the colonial period until the twentieth century. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXVII. Course Prerequisite Change	HY 421. HISTORY OF THE OLD SOUTH (3) A survey of the history of the South to 1865. <i>Prerequisites: HY 211 and 212.</i>	HY 421. HISTORY OF THE OLD SOUTH (3) A survey of the history of the South to 1865. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXVIII. Course Prerequisite Change	HY 422. HISTORY OF THE NEW SOUTH (3) The development of the South since Reconstruction and the South's place in the nation today. <i>Prerequisites: HY 211 and 212.</i>	HY 422. HISTORY OF THE NEW SOUTH (3) The development of the South since Reconstruction and the South's place in the nation today. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXIX. Course Prerequisite Change	HY 423. THE MILITARY HISTORY OF THE CIVIL WAR (3) A survey of the military campaigns of the American Civil War from Fort Sumter to Appomattox.	HY 423. THE MILITARY HISTORY OF THE CIVIL WAR (3) A survey of the military campaigns of the American Civil War from Fort Sumter to Appomattox. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXX. Course Prerequisite Change	HY 425. THE AMERICAN REVOLUTION IN THE SOUTH (3) A detailed examination of the American Revolution and the War for Independence in the American South from 1763 until 1783.	HY 425. THE AMERICAN REVOLUTION IN THE SOUTH (3) A detailed examination of the American Revolution and the War for Independence in the American South from 1763 until 1783. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXI. Course Prerequisite Change	HY 433. EUROPE IN THE 19TH CENTURY (3) Political, social, economic, and diplomatic developments in Europe from 1805 to 1918. <i>Prerequisite: HY 102 or HY 104.</i>	HY 433. EUROPE IN THE 19TH CENTURY (3) Political, social, economic, and diplomatic developments in Europe from 1805 to 1918. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None

XXXII. Course Prerequisite Change	HY 435. CONTEMPORARY EUROPE (3) Political, social, economic, and diplomatic developments in Europe from 1945 to present. <i>Prerequisite: HY 102 or HY 104.</i>	HY 435. CONTEMPORARY EUROPE (3) Political, social, economic, and diplomatic developments in Europe from 1945 to present. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXIII. Course Prerequisite Change	HY 437. HISTORY OF NAZISM AND FASCISM (3) History of the rise of fascist regimes throughout Europe following the First World War with emphasis on Nazi Germany and the Holocaust. <i>Prerequisite: HY 102 or HY 104.</i>	HY 437. HISTORY OF NAZISM AND FASCISM (3) History of the rise of fascist regimes throughout Europe following the First World War with emphasis on Nazi Germany and the Holocaust. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXIV. Course Prerequisite Change	HY 445. GREAT BRITAIN FROM 1865 TO 1914 (3) A detailed survey of the history of Great Britain from 1868 until 1914.	HY 445. GREAT BRITAIN FROM 1865 TO 1914 (3) A detailed survey of the history of Great Britain from 1868 until 1914. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXV. Course Prerequisite Change	HY 446. GREAT BRITAIN FROM WWI TO WWI, 1914-1945 (3) A detailed examination of Great Britain's involvement in the two world wars of the twentieth century concentrating on politics, society, and diplomacy in the era.	HY 446. GREAT BRITAIN FROM WWI TO WWI, 1914-1945 (3) A detailed examination of Great Britain's involvement in the two world wars of the twentieth century concentrating on politics, society, and diplomacy in the era. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXVI. Course Prerequisite Change	HY 450. HISTORY OF EAST ASIA (3) Philosophy, geography, and history of East Asia. Emphasis on China and Japan. <i>Prerequisite: HY 102 or HY 104.</i>	HY 450. HISTORY OF EAST ASIA (3) Philosophy, geography, and history of East Asia. Emphasis on China and Japan. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXVII. Course Prerequisite Change	HY 471. AFRICAN -AMERICAN HISTORY , 1400-1865 (3) The history of African-Americans from their roots in West Africa to emancipation in the United States.	HY 471. AFRICAN -AMERICAN HISTORY , 1400-1865 (3) The history of African-Americans from their roots in West Africa to emancipation in the United States. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XXXVIII. Course Prerequisite Change	HY 472. AFRICAN -AMERICAN HISTORY , 1866-PRESENT (3) This history of African-Americans from emancipation to the present.	HY 472. AFRICAN -AMERICAN HISTORY , 1866-PRESENT (3) This history of African-Americans from emancipation to the present. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XL. Course Prerequisite Change	HY 473. SLAVERY IN NORTH AMERICA (3) A readings seminar in North American slavery concentrating on the primary literature and the evolution of interpretation.	HY 473. SLAVERY IN NORTH AMERICA (3) A readings seminar in North American slavery concentrating on the primary literature and the evolution of interpretation. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XLI. Course Prerequisite Change	HY 475. THE MODERN CIVIL RIGHTS MOVEMENT (3) A study of the Civil Rights Movement from the New Deal to 1980.	HY 475. THE MODERN CIVIL RIGHTS MOVEMENT (3) A study of the Civil Rights Movement from the New Deal to 1980. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XLII. Course Prerequisite Change	HY 476. COMPARATIVE SLAVERY (3) A readings seminar examining the primary literature using the comparative approach to the study of slavery.	HY 476. COMPARATIVE SLAVERY (3) A readings seminar examining the primary literature using the comparative approach to the study of slavery. <i>Prerequisite: HY 300 and at least six additional</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None

		<i>hours of 300-level history courses.</i>			
XLIII. Course Prerequisite Change	HY 485. FUNDAMENTALS OF HISTORIC PRESERVATION (3) An introduction to the field of historic preservation, and an examination of the development of U.S. preservation movements. Prerequisites: HY 211 & HY 212.	HY 485. FUNDAMENTALS OF HISTORIC PRESERVATION (3) An introduction to the field of historic preservation, and an examination of the development of U.S. preservation movements. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XLIV. Course Prerequisite Change	HY 486. FUNDAMENTALS OF PUBLIC HISTORY (3) An interdisciplinary introduction to public history, examining local history, archival management, historical archaeology, and museum studies. Prerequisites: HY 211 & HY 212.	HY 486. FUNDAMENTALS OF PUBLIC HISTORY (3) An interdisciplinary introduction to public history, examining local history, archival management, historical archaeology, and museum studies. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XLV. Course Prerequisite Change	HY 488. FIELD EXPERIENCE IN SOCIAL SCIENCE TEACHING (3) Students are required to work directly with a professor teaching either HY 101, HY 102, HY 211, or HY 212. <i>Prerequisite: senior standing or permission of the Dean.</i>	HY 488. FIELD EXPERIENCE IN SOCIAL SCIENCE TEACHING (3) Students are required to work directly with a professor teaching either HY 101, HY 102, HY 211, or HY 212. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XLVI. Course Prerequisite Change	HY 498. READING SEMINAR (1-3) Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and need of student. <i>Prerequisite: permission of the Dean.</i>	HY 498. READING SEMINAR (1-3) Critical readings, lectures, and discussions of topics for qualified undergraduate students. Content determined by interests and need of student. <i>Prerequisite: HY 300 and at least six additional hours of 300-level history courses.</i>	See Course Prerequisite Changes for V. through XLI. above.	Approved in COLA, 10/10/09	None
XLVII. New Course		AN 401. FIELD WORK IN ARCHAEOLOGY I (4) Archaeological techniques of survey, excavation, and artifact processing are implemented at local sites. <i>Prerequisite: AN100 or permission of the instructor.</i>	Dr. Ashley Dumas is now a tenure-track member of the Department of History and Social Sciences and we'd like to begin offering academic credit for hands-on field work in archaeology. For at least the next decade (if not longer), students will work with Dr. Dumas on active excavations of the Fort Tombecke site, all with an eye toward its preservation, documentation, and possible restoration. Dr. Dumas hopes to be able to offer these courses as early as Spring 2010.	Approved in COLA, 10/10/09	We may eventually need to assess a lab fee for this course.
XLVIII. New Course		AN 501. FIELD WORK IN ARCHAEOLOGY I (4) Archaeological techniques of survey, excavation, and artifact processing are implemented at local sites. <i>Prerequisite: Permission of the instructor.</i>	See Rationale above for AN 401	Approved in COLA, 10/10/09 Approved in Grad Council, 10/21/09	We may eventually need to assess a lab fee for this course.
XLIX. New Course		AN 402. FIELD WORK IN ARCHAEOLOGY II (4) Archaeological techniques of survey, excavation, and artifact processing are implemented at local sites. <i>Prerequisite: AN 100 and AN 401 or permission of the instructor.</i>	See Rationale above for AN 401	Approved in COLA, 10/10/09	We may eventually need to assess a lab fee for this course.
L. New Course		AN 502. FIELD WORK IN ARCHAEOLOGY II (4) Archaeological techniques of survey, excavation, and artifact processing are implemented at local sites. <i>Prerequisite: AN 501 or permission of the instructor.</i>	See Rationale above for AN 401	Approved in COLA, 10/10/09 Approved in Grad Council, 10/21/09	We may eventually need to assess a lab fee for this course.

L.I. Minor Requirement Change	<table border="1"> <tr><td>INTERNATIONAL STUDIES (LA)</td><td>21</td></tr> <tr><td>IS 100, Contemporary International Problems</td><td>3</td></tr> <tr><td>FR 201-202, Intermediate French I and II or SP 201-202, Intermediate Spanish I and II</td><td>6</td></tr> <tr><td>PS 330, Contemporary Europe Government</td><td>3</td></tr> <tr><td>PS 340, International Relations</td><td>3</td></tr> <tr><td>Two of the following*</td><td>6</td></tr> <tr><td>HY 342, History of England and The British Empire, 1603 to Present</td><td></td></tr> <tr><td>HY 410, American Diplomatic History</td><td></td></tr> <tr><td>HY 435, Contemporary Europe</td><td></td></tr> <tr><td>HY 437, History of Nazism and Fascism</td><td></td></tr> <tr><td>HY 450, History of East Asia</td><td></td></tr> </table> <p>*The history courses cannot apply to both the minor and a history major.</p>	INTERNATIONAL STUDIES (LA)	21	IS 100, Contemporary International Problems	3	FR 201-202, Intermediate French I and II or SP 201-202, Intermediate Spanish I and II	6	PS 330, Contemporary Europe Government	3	PS 340, International Relations	3	Two of the following*	6	HY 342, History of England and The British Empire, 1603 to Present		HY 410, American Diplomatic History		HY 435, Contemporary Europe		HY 437, History of Nazism and Fascism		HY 450, History of East Asia		Delete the International Studies Minor	There are no students in this program, it is unworkable at present, and the field should be cleared for any new international academic programs that may emerge in light of UWA's new partnerships with institutions in China, Korea, Mexico, and Nicaragua.	Approved in COLA, 10/10/09	
INTERNATIONAL STUDIES (LA)	21																										
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L.II. Course Deletion	IS 100. Contemporary International Problems (3) Survey of current international problems and an introduction to the area of International Studies.		Not utilized																								
L.III. New Program		COURSE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SOCIAL WORK All courses required in the basic curriculum as shown above, with a 2.5 quality point ratio (overall and in basic curriculum courses at UWA) A total of at least one hundred and twenty semester hours with a 2.5 quality point ratio. Comprehensive major requirements as shown in the patterns below, with a 2.5 overall quality-point ratio in courses at UWA. At least eighteen semester hours in the comprehensive major must be earned at UWA. No grade below "C" in any required courses may be used to meet requirements for the BSW.		COLA: 10-08-09	All of the SW course additions and changes are the result of the proposed BSW program. All facility and budgetary implications are associated with the addition of the BSW program. 2 new faculty: 1 tenure track assistant professor, and 1 field supervisor.																						
L.IV. New Program & Major Requirement		<table border="1"> <tr><td>Social Work SOCIAL WORK COMPREHENSIVE</td><td>54</td></tr> <tr><td>SW 100, Introduction to Social Work Practice</td><td>3</td></tr> <tr><td>SW 200, History of Social Welfare</td><td>3</td></tr> <tr><td>SW 320, Cultural Diversity and Social Justice</td><td>3</td></tr> <tr><td>SW 340, Human Behavior and the Social Environment I</td><td>3</td></tr> <tr><td>SW 341, Human Behavior and the Social Environment II</td><td>3</td></tr> <tr><td>SW 390, Skills for Social Work Practice</td><td>3</td></tr> <tr><td>SW 401, Social Welfare Policies and Programs (W)</td><td>3</td></tr> </table>	Social Work SOCIAL WORK COMPREHENSIVE	54	SW 100, Introduction to Social Work Practice	3	SW 200, History of Social Welfare	3	SW 320, Cultural Diversity and Social Justice	3	SW 340, Human Behavior and the Social Environment I	3	SW 341, Human Behavior and the Social Environment II	3	SW 390, Skills for Social Work Practice	3	SW 401, Social Welfare Policies and Programs (W)	3	The program requirement for the Bachelor's of Social Work (BSW).	COLA: 10-08-09	New Faculty Members: Tenure Track Assistant Professor: \$45,830 + benefits (\$59,579) & Field Coordinator: \$45,830 + benefits (\$59,579) \$3,000 approximately for						
Social Work SOCIAL WORK COMPREHENSIVE	54																										
SW 100, Introduction to Social Work Practice	3																										
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		SW 410, Social Work Practice with Individuals and Families (W) 3 SW 420, Social Work Practice with Groups 3 SW 421, Social Work Practice with Communities 3 SW 430, Research Methods for Social Work Practice 3 SW 441, Social Work Integrative Seminar 3 SW 499, Field Practicum 9 Approved Electives in Social Work 6 SP 120, Spanish for Social Workers 3			Instructional support and professional development \$3,000 Equipment
LV. Course Number & Description <i>Change</i>	SW 300. INTRODUCTION TO SOCIAL WORK (3) Survey of fundamental concepts of social work with emphasis on fields of practice, history, and current status of social work. <i>Prerequisites: SY 100 and at least 6 additional semester hours of sociology.</i>	SW 100. INTRODUCTION TO SOCIAL WORK (3) An overview of fundamental concepts of social work and the many and varied roles in which social workers function in today's society. Reviews the various fields of practice and the profession's code of ethics, and covers current national and local issues.	In most Social Work programs, this course is the first course taken by students, more specifically freshmen and sophomores, who are interested in the profession of social work. The course is required for social work majors, but will be open to all UWA students. Change in prerequisites of the course creates more variety for students to choose from in Part IV of the basic curriculum.	COLA: 10-08-09	
LVI. New Course		SW 200. HISTORY OF SOCIAL WELFARE (3) Study of the general institutional basis of social welfare: its historical development, cultural traditions, value orientations, and political and economic forces which have contributed to the emergence of present social welfare policies and systems in the United States. <i>Prerequisite: SW 100.</i>	This course is required for all UWA social work majors because social workers are to be knowledgeable about the history and current structures of social welfare policies and programs that have affected social and economic well-being of various populations.	COLA: 10-08-09	
LVII. New Course		SW 203. SOCIAL WORK PRACTICE WITH OLDER ADULTS (3) Study of the knowledge, values and skills needed to effectively provide services to older adults and their families. Policy and practice issues unique to older adults are highlighted, as are the roles and functions of social workers working in agency and practice settings serving this population. <i>Prerequisite: SW 100.</i>	The course is an elective and will focus on micro- and macro-level practice skills essential to effective social work practice with older adults. Addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	
LVIII. New Course		SW 210. SOCIAL WORK PRACTICE AND FAMILY VIOLENCE (3) This course is designed to familiarize the student with the dynamics related to violence that occurs between family members. A multi-dimensional perspective to the treatment of family violence is presented. <i>Prerequisite: SW 100.</i>	This course is an elective and addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	
LIX. New Course		SW 220. CRISIS INTERVENTION (3) This course is concerned with exploring crisis intervention approaches, models and strategies. Emphasis will be on examining the nature of crisis, basic crisis intervention skills and strategies. <i>Prerequisite: SW 100.</i>	This course is an elective. Students will understand how the prevalence of acute crisis situations in our society necessitates that social workers acquire a knowledge and skill base for resolving crisis episodes. Addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	
LX. Course Deletion	SW 300. INTRODUCTION TO SOCIAL WORK (3) Survey of fundamental concepts of social			COLA: 10-08-09	

	work with emphasis on fields of practice, history, and current status of social work. <i>Prerequisites: SY 100 and at least 6 additional semester hours of sociology.</i>				
LXI. New Course		SW 308. SELECTED TOPICS IN SOCIAL WORK (3) Examination of an important topic in contemporary social work. May be repeated for a total of 6 hours with permission of the department Chair. Topic varies from semester to semester. <i>Prerequisite: Prerequisite: SW 100 and permission of the Chair.</i>		COLA: 10-08-09	
LXII. New Course		SW 320. CULTURAL DIVERSITY AND SOCIAL JUSTICE (3) Examines cultural, social and psychological implications of diverse lifestyles, and social injustices oppression and social injustices that are pertinent to social functioning and to the profession of social work. <i>Prerequisite: SW 100.</i>	Based on the Council on Social Work Education (CSWE), Educational Policy and Accreditation Standards (EPAS), the course is required for UWA students majoring in social work so they become knowledgeable about theories of social justice and strategies to promote human and civil rights and critical to the National Association of Social Workers (NASW) Code of Ethics.	COLA: 10-08-09	
LXIII. Course Deletion	SW 331. SOCIAL WELFARE POLICY I (3) A study of the origin and development of social welfare policy as the foundation for the provision of social welfare. <i>Prerequisite: SW 300.</i>			COLA: 10-08-09	
LXIV. Course Deletion	SW 332. SOCIAL WELFARE POLICY II (3) An analysis and evaluation of social welfare policies as institutional responses to social and economic injustice as well as social problems. <i>Prerequisite: SW 331.</i>			COLA: 10-08-09	
LXV. New Course		SW 340. HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I (3) Emphasis is placed on understanding the individual in interaction with major social systems. The course will explore the interrelatedness of biological, social, cultural, psychological, and environmental factors in human behavior and development. <i>Prerequisites: Admission to BSW program and SW 100, BY 101 or BY 102, PY 100, and SY 100.</i>	Based on the Council on Social Work Education (CSWE), Educational Policy and Accreditation Standards (EPAS), the course is required for UWA students majoring in social work. Social workers are to be able to critique and apply knowledge to understand person in environment. This course is part of a two-course sequence and focuses on earlier stages of human development from conception through adolescence.	COLA: 10-08-09	
LXVI. New Course		SW 341. HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT II (3) Study of the interrelations of the biological, social, cultural, environmental and psychological factors in human behavior and their relevance and application to social work practice. <i>Prerequisite: SW 340 with a grade of "C" or higher.</i>	This course is part of a two-course sequence and focuses on later stages of human development from young adulthood to advanced old age. The course is required for all UWA students majoring in social work.	COLA: 10-08-09	
LXVII. New Course		SW 351. GRIEF, LOSS, AND BEREAVEMENT IN SOCIAL WORK PRACTICE (3) The course will train students for effective practice with persons experiencing terminal illness as patients, family or caregivers and persons coping with grief and loss across the life span. <i>Prerequisite: SW 340 and SW 341.</i>	This course is an elective and designed for students to identify social work values and ethics involved in grief work. Addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	

LXVIII. New Course		SW 360. SPIRITUALITY AND SOCIAL WORK PRACTICE (3) This course guides students in examining their own spiritual perspectives and possible conflicts with differing perspectives of clients. Students further consider spirituality as a possible vehicle to facilitate client's growth and change. Prerequisite: SW 100.	This course is an elective and will help students majoring in social work learn how spirituality and religion influence the practice of social work with individuals and families. The course connects with SW 340 and 341. Addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	
LXIX. New Course		SW 370. STATISTICS FOR THE SOCIAL SCIENCES (3) Basic statistical methods for analyzing data in the social sciences. Emphasis on describing distributions, sampling, measures of association, and hypothesis testing. Prerequisites: SW 100 & MH 113 (for BSW majors only).	This course will be required for UWA students who have been admitted to the social work program, and is a prerequisite for the Social Work Methods course SW 430.	COLA: 10-08-09	
LXX. Course Number, Name, Description & Prerequisite Change	SW 390. SOCIAL WORK METHODS (3) Survey of models of social work practice, ethics and basic helping skills. Interviewing, case recording, and problem solving skills will be emphasized. <i>Prerequisite: 300.</i>	SW 390. SKILLS FOR SOCIAL WORK PRACTICE (3) Survey of models of social work practice, ethics and basic helping skills. Interviewing, case recording, and problem solving skills will be emphasized. Prerequisite: Admission to the BSW program and SW 100.	This course has been required for the social work track, but will be required for only those UWA students who have applied and been admitted to the social work program. While still focusing on social work practice, ethics, and basic helping skills, the course name did not reflect that. For a course such as this, many social work programs include the word "skills" instead of "methods" in the course name.	COLA: 10-08-09	
LXXI. New Course		SW 401. SOCIAL WELFARE POLICIES AND PROGRAMS (3) Emphasizes the analysis of social programs, policies, and the policy-making process. An important focus of the course is to identify and understand the impact of a wide range of social policies on social work clients and the human service delivery system within a social justice framework. Prerequisites: SW 200 with a grade of "C" or higher and admission to the BSW program.	Based on the CSWE, EPAS this course is essential for UWA students majoring in social work because social work practitioners need to have an understanding about how policy affects service delivery, as well as be able to analyze, formulate, and advocate policies that advance social well-being.	COLA: 10-08-09	
LXXII. New Course		SW 410. SOCIAL WORK PRACTICE WITH INDIVIDUALS AND FAMILIES (3) This course provides the foundation for beginning social work practice with individuals and their families. Prerequisite: Admission to the BSW program and SW 100.	Based on the CSWE, EPAS this course is essential for UWA students majoring in social work because social workers are to have knowledge and skills to practice with individuals and families by identifying, analyzing, and implementing evidence-based interventions.	COLA: 10-08-09	
LXXIII. New Course		SW 415. SOCIAL WORK AND HUMAN SEXUALITY (3) This course provides knowledge about physical, behavioral, cognitive, emotional and spiritual aspects of human sexuality at the micro and macro level. Prerequisite: Admission to the BSW program and SW 100.	This course is an elective and critical for social work students to be more self-aware with respect to their own biases, interpersonal obstacles or values in the area of human sexuality Applying social work values and ethics will be emphasized. Addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	
LXXIV. New Course		SW 420. SOCIAL WORK PRACTICE WITH GROUPS (3) This advanced course provides knowledge of and experience in working with groups as systems.	Based on the CSWE, EPAS this course is essential for UWA students majoring in social work because social workers are to have knowledge and skills to practice with groups by	COLA: 10-08-09	

		<i>Prerequisites: SW 320 and SW 410 with a grade of "C" or higher and admission to the BSW program.</i>	identifying, analyzing, and implementing evidence-based interventions.		
LXXV. New Course		SW 421. SOCIAL WORK WITH PRACTICE COMMUNITIES (3) This course considers models for understanding human service organizations and administrative practice in organizations. Prerequisites: SW 320 and SW 410 with a grade of "C" or higher and admission to the BSW program.	Based on the CSWE, EPAS this course is essential for UWA students majoring in social work because they are to have knowledge and skills to practice with communities and organization implementing evidence-based interventions.	COLA: 10-08-09	
LXXVI. New Course		SW 430. RESEARCH METHODS FOR SOCIAL WORK PRACTICE (3) Focuses on methods of data collection, analysis, interpretation and reporting in preparation for the evaluation of social work practice and research. Prerequisites: SW 370, admission to the BSW program, and at least 15 SW credit hours at or above the 300 level.	In all Social Work programs, Research Methods is a required course for social work majors because social workers use practice experience to inform research, employ evidence-based interventions, evaluate their own practice, and use research findings to improve practice, policy, and social service delivery.	COLA: 10-08-09	
LXXVII. New Course		SW 441. SOCIAL WORK INTEGRATIVE SEMINAR (3) Required course designed to accompany field placement. The seminar enables students to further develop generalist practice skills and integrate professional knowledge, values, skills and theory with practice. Prerequisites: SW 341 SW 401, SW 420, and SW 421. Co-requisites: SW 499.	This seminar provides both academic and peer support to senior Social Work majors who must translate academic understanding into the beginning professional practice competence.	COLA: 10-08-09	
LXXVIII. New Course		SW 450. MENTAL HEALTH (3) This course will explore the distinctive role of the social work professional within the complex web of mental health settings. The students will become familiar with major modes of mental health intervention utilized by social workers today. Prerequisite: Admission to the BSW program and SW 100.	This course is an elective and will incorporate social work values and ethical standards in practice in mental health. Engagement in advocacy at both micro and macro levels to help individuals overcome oppression, discrimination, and other barriers to access and quality of mental health services will be emphasized. Addition of new course strengthens emphasis by including a relevant and widely accepted body of knowledge to the social work curriculum.	COLA: 10-08-09	
LXXIX. Course Description & Prerequisite Change	SW 499. FIELD PRACTICUM (3) Internship in a social service agency for 12 hours per week of supervised practice, accompanied by a seminar. This course may be repeated for a maximum of six semester hours. <i>Prerequisite: at least 60 semester hours credit, including SW 390.</i>	SW 499. FIELD PRACTICUM (9) This field experience in a social service agency for a minimum of 32 hours a week and working jointly with the agency and social work program, provides experience in direct service to client systems and enhances and develops generalist practice skills. Co-requisites: SW 441.	The purpose of this course is for UWA social work majors to connect the theoretical and conceptual contribution of the classroom with the practical world of the practice setting by providing generalist practice opportunities for students to demonstrate the core competencies. Students are to complete a minimum of 400 hours of field education.	COLA: 10-08-09	

College of Natural Sciences & Mathematics

Department of Biology and Environmental Sciences Contact: [Dr. Doug Wymer](#), ext. 3862 Station # 7

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
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				appropriate council (if applicable)	
I. Course Number, Name, & Description Change	BY 242. General Microbiology (4) Introduction to techniques relating to the morphology, taxonomy, physiology, and culture methods of microbes. <i>Prerequisite: BY 103 or BY 104.</i>	BY 340. Microbiology (4) Concepts and techniques relating to the morphology, taxonomy, physiology, and culture methods of microbes, with emphasis on those of special importance to humans. Three lecture hours and three laboratory hours per week. <i>Prerequisite: BY 103 or BY 104, Prerequisite or Corequisite: CH 111.</i>	Microbiology is typically listed as a 300-level course because it is heavily dependent upon laboratory techniques in addition to the lecture content.	This change will not impact advising or scheduling related to this class for Biology majors and will help with scheduling and advising of Environmental Sciences majors.	None
II. New Course		BY 457. Natural History of the Black Belt (3) The Black Belt of Alabama and Mississippi is a unique and culturally significant region characterized by its geography, soils, prairies, and people. Experts in different fields survey the geography, history, archaeology, geologic history, paleontology, hydrology, biology, ecology, economics, and future of grassland, forest, aquatic, and urban environments of the Black Belt region. Three lecture hours per week and two Saturday field trips. Prerequisite: Junior or Senior standing.	This course has been successfully taught for the Department of Biological and Environmental Sciences over the past several years and is currently offered as a History elective as well as a Biology elective. Additionally, the course was opened to local Black Belt residents this semester and approximately 10 local citizens attend weekly.	Creation of this class will continue the Department's work of changing our regularly offered elective courses from selected topics status.	Dr. Rindsberg has offered this course several times and it is currently on a two year rotation, being offered in the Fall semester of odd numbered years. This will not create any additional burden.
III. New Course		BY 557. Natural History of the Black Belt (3) The Black Belt of Alabama and Mississippi is a unique and culturally significant region characterized by its geography, soils, prairies, and people. Experts in different fields survey the geography, history, archaeology, geologic history, paleontology, hydrology, biology, ecology, economics, and future of grassland, forest, aquatic, and urban environments of the Black Belt region. Three lecture hours per week and two Saturday field trips.	This course has been successfully taught for the Department of Biological and Environmental Sciences over the past several years and is currently offered as a History elective as well as a Biology elective. Additionally, the course was opened to local Black Belt residents this semester and approximately 10 local citizens attend weekly.	Creation of this class will continue the Department's work of changing our regularly offered elective courses from selected topics status.	Dr. Rindsberg has offered this course several times and it is currently on a two year rotation, being offered in the Fall semester of odd numbered years. This will not create any additional burden.
IV. Course Deletion	BY 455. Ecological Management (3) This course provides in introduction to the field of conservation biology and examines the relationship between human populations and biodiversity. Three lecture hours per week.		This course is an elective in the Biological Sciences program and has a fair amount of overlap with BY 456 Ecological Restoration. Deleting this course will free up faculty time to create courses that don't overlap BY 456.	None	None
V. Course Deletion	EN 455. Ecological Management (3) This course provides in introduction to the field of conservation biology and examines the relationship between human populations and biodiversity. Three lecture hours per week.		This course is an elective in the Environmental Sciences program and has a fair amount of overlap with BY 456 Ecological Restoration. Deleting this course will free up	None	None

			faculty time to create courses that don't overlap BY 456.		
VI. Course Deletion	BY 555. Ecological Management (3) This course provides in introduction to the field of conservation biology and examines the relationship between human populations and biodiversity. Three lecture hours per week.		This course is an elective in the Biological Sciences program and has a fair amount of overlap with BY 456 Ecological Restoration. Deleting this course will free up faculty time to create courses that don't overlap BY 456.	None	None
VII. Course Deletion	EN 555. Ecological Management (3) This course provides in introduction to the field of conservation biology and examines the relationship between human populations and biodiversity. Three lecture hours per week.		This course is an elective in the Environmental Sciences program and has a fair amount of overlap with BY 456 Ecological Restoration. Deleting this course will free up faculty time to create courses that don't overlap BY 456.	None	None
VIII. Course Name Change	BY 410. Plant Taxonomy and Field Techniques (4) Methods for the collection and identification of vascular plants in natural environments, including plant identification, taxonomy, systematics, collection, preservation, and ecological interactions. Includes one weekend field trip. Three lecture and three laboratory hours per week. <i>Prerequisite: BY 212.</i>	BY 410. Field Botany (4) Methods for the collection and identification of vascular plants in natural environments, including plant identification, taxonomy, systematics, collection, preservation, and ecological interactions. Includes one weekend field trip. Three lecture and three laboratory hours per week. <i>Prerequisite: BY 212.</i>	The current name for this course is unnecessarily long and the name Field Botany may make this course a more attractive elective.	None	None
IX. Course Name Change	BY 510. Plant Taxonomy and Field Techniques (4) Methods for the collection and identification of vascular plants in natural environments, including plant identification, taxonomy, systematics, collection, preservation, and ecological interactions. Includes one weekend field trip. Three lecture hours and three laboratory hours per week. <i>Prerequisites: graduate student and permission of instructor and Dean.</i>	BY 510. Field Botany (4) Methods for the collection and identification of vascular plants in natural environments, including plant identification, taxonomy, systematics, collection, preservation, and ecological interactions. Includes one weekend field trip. Three lecture hours and three laboratory hours per week. <i>Prerequisites: permission of instructor and Dean.</i>	The current name for this course is unnecessarily long and the name Field Botany may make this course a more attractive elective.	None	None
X. Course Description Change	BY 471. Biochemistry I (4) Structure and function of biological molecules, the chemistry of buffers, proteins, nucleic acids, lipids, carbohydrates, and the mechanism of enzyme action. An introduction to quantitative an analytical/organic techniques of biochemistry. Three lecture hours and three laboratory hours per week. <i>Pre or Corequisite CH 242.</i>	BY 471. Biochemistry I (4) Structure and function of biological molecules, the chemistry of buffers, proteins, nucleic acids, lipids, carbohydrates, and the mechanism of enzyme action. An introduction to quantitative an analytical/organic techniques of biochemistry. Three lecture hours and four laboratory hours per week. <i>Pre or Corequisite CH 242.</i>	This change keeps this course consistent with the CH listing of the course.	None	None
XI. Course Description Change	BY 571. Biochemistry I (4) Structure and function of biological molecules, the chemistry of buffers, proteins, nucleic acids, lipids, carbohydrates, and the mechanism of enzyme action. An introduction to quantitative and analytical/organic techniques of biochemistry. Three lecture and three laboratory hours per week. Research project required. <i>Prerequisites: graduate standing and permission of the instructor and dean. Background in organic chemistry necessary.</i>	BY 571. Biochemistry I (4) Structure and function of biological molecules, the chemistry of buffers, proteins, nucleic acids, lipids, carbohydrates, and the mechanism of enzyme action. An introduction to quantitative an analytical/organic techniques of biochemistry. Three lecture hours and four laboratory hours per week. <i>Prerequisites: graduate standing and permission of the instructor and dean. Background in organic chemistry necessary.</i>	This change keeps this course consistent with the CH listing of the course.	None	None
XII. Course Name Change	BY 590. Evolutionary Biology (3) Classical and modern concepts of evolution and the evolutionary relationship of extinct and extant forms of	BY 590. Evolutionary Theory (3) Classical and modern concepts of evolution and the evolutionary relationship of extinct and extant forms of life. Three lecture	The undergraduate section of this class is named Evolutionary Theory and this	None	None

	life. Three lecture hours per week. Research project required. <i>Prerequisites: BY 212 and 222.</i>	hours per week. Research project required. <i>Prerequisites: BY 212 and 222.</i>	change will standardize the course name across all levels.		
XIII. Course Deletion	BY 390. Evolution and Systematics (3) An introduction to the general principles of evolutionary biology and biological systematics. <i>Prerequisite: BY 212, BY 222, and BY 242. Corequisite: BY 380.</i>		With the transition to BY 490 as a requirement in all programs, this course will not be taught in the future.	None	None
XIV. New Course		BY 495. Research in Biology (3) Research experience in the biological sciences in which the student learns to conduct research by engaging in an ongoing research project of the faculty in the Department of Biological and Environmental Sciences. <i>Prerequisite: Permission of Dean and Instructor.</i>	The Department feels that students graduating from the Department of Biological and Environmental Sciences should be trained the in the process of doing science—conducting experiments, gathering data, and forming conclusions. This course will provide this experience and will reflect the Departmental focus on increasing research.	None	This course will be considered part of the research component of a faculty appointment and will not be a factor when calculating faculty teaching loads.
XV. New Course		EN 495. Research in Environmental Sciences (3) Research experience in the environmental sciences in which the student learns to conduct research by engaging in an ongoing research project of the faculty in the Department of Biological and Environmental Sciences. <i>Prerequisite: Permission of Dean and Instructor.</i>	The Department feels that students graduating from the Department of Biological and Environmental Sciences should be trained the in the process of doing science—conducting experiments, gathering data, and forming conclusions. This course will provide this experience and will reflect the Departmental focus on increasing research.	None	This course will be considered part of the research component of a faculty appointment and will not be a factor when calculating faculty teaching loads.
XVI. Course Name Change	BY 404. Techniques of Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisites: MH 114 and 20 hours in biology and/or environmental sciences or permission of the Dean. Computer proficiency in Microsoft Excel and Word is critical.</i>	BY 404. Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisites: MH 114 and 20 hours in biology and/or environmental sciences or permission of the Dean. Computer proficiency in Microsoft Excel and Word is critical.</i>	The current name for this course is unnecessarily long.	None	None
XVII. Course Name Change	BY 504. Techniques of Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisites: graduate standing. computer proficiency in Microsoft Excel and Word is critical.</i>	BY 504. Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisite: computer proficiency in Microsoft Excel and Word is critical.</i>	The current name for this course is unnecessarily long.	None	None
XVIII. Course Name Change	EN 404. Techniques of Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisites: MH 246 and 20 hours in biology and/or environmental science or permission of the Dean. Computer proficiency in Microsoft Excel and Word is</i>	EN 404. Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisites: MH 246 and 20 hours in biology and/or environmental science or permission of the Dean. Computer proficiency in Microsoft Excel and Word is critical.</i>	The current name for this course is unnecessarily long.	None	None

	<i>critical.</i>					
XIX. Course Name Change	EN 504. Techniques of Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisite: computer proficiency in Microsoft Excel and Word is critical.</i>	EN 504. Research Design and Data Analysis (3) A study of the planning, organizing, and implementing of scientific research experiments. Computer based data treatment, graphing, and analysis methods are covered in detail. <i>Prerequisite: computer proficiency in Microsoft Excel and Word is critical.</i>		The current name for this course is unnecessarily long.	None	None
XX. Major Requirement Change		CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, MARINE BIOLOGY, BIOLOGY (Teacher Certification), AND BIOLOGY MAJORS BY 308, Seminar in Biology 24 BY 340, Microbiology 1 BY 380, Genetics 4 BY 400, Senior Seminar 4 BY 450, Ecology 1 BY 472, Cell Biology 4 BY 490, Evolutionary Theory 4 BY 495, Research in Biology 3 3		This change represents a step in the process of streamlining the majors in the Department and will help to identify ways to maximize the return on instructional investment.	None	None
XXI. Major Requirement Change	BIOLOGY COMPREHENSIVE (Medical) 60 BY 231, Human Anatomy & Physiology I 4 BY 232, Human Anatomy & Physiology II 4 BY 242, General Microbiology 4 BY 308, Seminar in Biology 1 BY 380, Genetics 4 BY 390, Evolution and Systematics 3 BY 400, Senior Seminar 1 BY 450, Ecology 4 BY 471, Biochemistry I 4 BY 472, Cell Biology 4 MH 121, Calculus I 4 PH 201, College Physics I 4 PH 202, College Physics II 4 Approved Electives 15	BIOLOGY COMPREHENSIVE (Medical) 60 Specialty Courses 24 BY 231, Human Anatomy & Physiology I 4 BY 232, Human Anatomy & Physiology II 4 BY 471, Biochemistry I 4 MH 121, Calculus I 4 PH 201, College Physics I 4 PH 202, College Physics II 4 Electives from the following 12 BY 307, Independent Study in Biology 1-8 BY 309, Biological Science Internship 1-4 BY 330, Hematology 4 BY 331, Immunology 4 BY 404, Techniques of Research and Data Analysis 4 BY 407, Professional Seminar 1 BY 421, Parasitology 4 BY 422, Comparative Vertebrate Anatomy 4 BY 423, Comparative Vertebrate Embryology 4 BY 428, Vertebrate Zoology 4 BY 429, Entomology 4 BY 431, Histology 4 BY 441, Environmental Toxicology 4 BY 474, Human Physiology 4 CH 321, Qualitative Analysis 4 CH 472, Biochemistry II 3		Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.	None	By offering the elective courses less frequently faculty loads can be redistributed to areas where more instructional time is needed.
XXII. Major Requirement Change	BIOLOGY COMPREHENSIVE (General) 60 BY 242, General Microbiology 4 BY 308, Seminar in Biology 1 BY 380, Genetics 4 BY 390, Evolution and Systematics 3 BY 400, Senior Seminar 1	BIOLOGY COMPREHENSIVE (Conservation and Field Biology Track) 60 Specialty Courses 12 MH 121, Calculus I 4 PH 201, College Physics I 4 PH 202, College Physics II 4		Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY	None	By offering the elective courses less frequently faculty loads can be redistributed to areas where

	BY 450, Ecology 4 BY 471, Biochemistry 4 BY 472, Cell Biology 4 MH 121, Calculus I 4 PH 201, College Physics I 4 PH 202, College Physics II 4 Approved electives (300-400 level) in math or sciences 16 hrs must be in BY 23	Electives from the following with at least 16 hours of field courses and at least 4 hours of zoological sciences and 4 hours from botanical sciences. 24 BY 307, Independent Study in Biology 1-8 BY 309, Biological Science Internship 1-4 *BY 314, Dendrology 4 BY 320, Invertebrate Zoology 4 *BY 392, History of Life on Earth 4 *BY 393, Paleontology 4 BY 404, Techniques of Research and Data Analysis 4 *BY 410, Field Botany 4 BY 413, Plant Systematics 4 *BY 420, Field Zoology 4 BY 422, Comparative Vertebrate Anatomy 4 BY 423, Comparative Vertebrate Embryology 4 BY 428, Vertebrate Zoology 4 *BY 429, Entomology 4 BY 441, Environmental Toxicology 4 *BY 453, Appalachian Ecology 4 BY 454, Conservation Biology 3 BY 456, Ecological Restoration 3 *BY 458, Subtropical Ecology 4 *BY 461, Aquatic Biology 4 EN 307, Independent Study in Environmental Sciences 1-8 EN 360, Environmental Chemistry 3 EN 480, Environmental Law 3 GE 370, Environmental Geology 4 * Designates a Field Course	EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.		more instructional time is needed.
XXIII. Major Requirement Change	MARINE BIOLOGY COMPREHENSIVE 54 BY 242, General Microbiology 4 BY 308, Seminar in Biology. 1 BY 320, Invertebrate Zoology. 4 BY 380, Genetics 4 BY 390, Evolution and Systematics 3 BY 400, Senior Seminar 1 BY 450, Ecology 4 One of the following 4 BY 471, Biochemistry BY 472, Cell Biology Choose four of the following courses 16 *BY 414, Marine Botany 4 *BY 424, Marine Invertebrate Zoology 4 *BY 425, Marine Vertebrate Zoology 4 *BY 427, Marine Behavioral Ecology 4 *BY 451, Marine Ecology 4 *BY 452, Marsh Ecology 4 *BY 460, Oceanography 4 GE 102, Physical Geology 4 GE 370, Environmental Geology 4 PH 201, College Physics I 4	MARINE BIOLOGY COMPREHENSIVE. 60 Specialty Courses 16 GE 102, Physical Geology 4 GE 370, Environmental Geology 4 PH 201, College Physics I 4 PH 202, College Physics II 4 Electives from the following with at least 12 hours from courses taught at the Dauphin Island Sea Lab (DISL). 20 *BY 367, Independent Study in Marine Biology 1-8 BY 413, Plant Systematics 4 *BY 414, Marine Botany 4 BY 420, Field Zoology 4 *BY 424, Marine Invertebrate Zoology 4 *BY 425, Marine Vertebrate Zoology 4 *BY 426, Coastal Ornithology 4 *BY 427, Marine Behavioral Ecology 4 BY 428, Vertebrate Zoology 4 *BY 451, Marine Ecology 4 *BY 452, Marsh Ecology 4 BY 454, Conservation Biology 3 *BY 460, Oceanography 4 *EN 340 Coastal Zone Management 2	Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.	None	By offering the elective courses less frequently faculty loads can be redistributed to areas where more instructional time is needed.

	PH 202, College Physics II	4	* Designates a course offered at the Dauphin Island Sea Lab				
	*Note. These courses are offered only at the Marine Laboratory at Dauphin Island, Alabama. A minimum of two summer semesters is required at this facility to complete this program.						
XXIV. Major Requirement Change	Biology majors pursuing teacher certification in Biology should follow the pattern below. Students should refer to the College of Education section of the <i>Catalogue</i> for a listing of additional requirements for teacher certification.		BIOLOGY (Biology Teacher Certification)	33	Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.	None	
			Specialty Courses	9			
			BY 389, Advanced Laboratory Practicum	1			
			BY 410, Field Botany	4			
			BY 420, Field Zoology	4			
			Biology majors pursuing teacher certification should refer to the College of Education section of the <i>Catalogue</i> for a listing of additional requirements for teacher certification.				
		BIOLOGY (Biology Teacher Certification)	33				
		BY 242, General Microbiology	4				
		BY 308, Seminar in Biology	1				
		BY 380, Genetics.	4				
		BY 390, Evolution and Systematics	3				
		BY 410, Plant Taxonomy and Field Techniques	4				
	BY 420, Field Zoology	4					
	BY 450, Ecology	4					
	One of the following	4					
	BY 471, Biochemistry I						
	BY 472, Cell Biology						
	Approved Biology electives	5					
XXV. Major Requirement Change	BIOLOGY	36	BIOLOGY	36	Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.	None	
	BY 242, General Microbiology	4	This program must be completed in conjunction with a minor in another field.				
	BY 308, Seminar in Biology	1					
	BY 380, Genetics	4	Electives from the following with at least 3 hours in botanical sciences and 3 hours in zoological sciences.	12			
	BY 390, Evolution & Systematics	3	BY 307, Independent Study in Biology	1-8			
	BY 400, Senior Seminar	1	BY 309, Biological Science Internship	1-4			
	BY 450, Ecology	4	BY 314, Dendrology	4			
	Any one of the following:	4	BY 320, Invertebrate Zoology	4			
	BY 471, Biochemistry I		BY 330, Hematology	4			
	BY 472, Cell Biology		BY 331, Immunology	4			
	Approved electives in Biology from the 300-400 series (with at least 4 from botanical sciences and at least 4 from zoological sciences)	15	BY 367, Independent Study in Marine Biology	1-8			
			BY 392, History of Life on Earth	4			
			BY 393, Paleontology	4			
			BY 404, Techniques of Research and Data Analysis	4			
			BY 410, Field Botany	4			
			BY 413, Plant Systematics	4			
			BY 420, Field Zoology	4			
			BY 422, Comparative Vertebrate Anatomy	4			
			BY 423, Comparative Vertebrate Embryology	4			
			BY 428, Vertebrate Zoology	4			
			*BY 429, Entomology	4			
			BY 431, Histology	4			
		BY 441, Environmental Toxicology	4				
		*BY 453, Appalachian Ecology	4				
		BY 454, Conservation Biology	3				
		BY 456, Ecological Restoration	3				
		*BY 458, Subtropical Ecology	4				

			*BY 461, Aquatic Biology 4 EN 307, Independent Study in Environmental Sciences 1-8 EN 360, Environmental Chemistry 3 EN 480, Environmental Law 3			
XXVI. Major Requirement Change			CORE CURRICULUM FOR ENVIRONMENTAL SCIENCES COMPREHENSIVE AND GENERAL SCIENCE (Teacher Certification) MAJORS 23 BY 308, Seminar in Biology 1 BY 380, Genetics 4 BY 490, Evolutionary Theory 3 BY 400, Senior Seminar 1 BY 450, Ecology 4 EN 100, Introduction to Environmental Science 4 EN 404, Research Design and Data Analysis 3 EN 495, (or BY495) Research in Environmental Sciences 3	This change represents a step in the process of streamlining the majors in the Department and will help to identify ways to maximize the return on instructional investment.		
XXVII. Major Requirement Change	ENVIRONMENTAL SCIENCES COMPREHENSIVE (Industry) 54 BY 242, General Microbiology 4 BY 308, Seminar in Biology 1 BY 400, Senior Seminar 1 CH 321, Quantitative Analysis 4 EN 100, Introduction to Environmental Sciences 4 EN 360, Environmental Chemistry 3 EN 404, Techniques of Research and Data Analysis 3 EN 409, Environmental Sciences Internship 12 GE 102, Physical Geology 4 PH 201, College Physics I 4 PH 202, College Physics II 4 TY 352, Hazardous Waste Operations and Emergency Response 3 Approved electives (300-400 level) in Biology, Chemistry, Environmental Sciences, Geology, or Technology 7 *Note. Many intern sites require a G.P.A. of 2.5 or higher in the Environmental Sciences Core and Comprehensive courses. and ENVIRONMENTAL SCIENCES COMPREHENSIVE (Natural Resources) 54 BY 308, Seminar in Biology 1 BY 380, Genetics 4 BY 400, Senior Seminar. 1 <i>One of the following two courses:</i> BY 410, Plant Taxonomy and Field Techniques 4 BY 420, Field Zoology 4 BY 450, Ecology 4 EN 100, Introduction to Environmental Sciences 4 EN 404, Techniques of Research and Data Analysis 3 EN 409, Environmental Sciences Internship 12 <i>One of the following two courses:</i>	ENVIRONMENTAL SCIENCES COMPREHENSIVE 56 Specialty Courses 16 EN 409, Environmental Sciences Internship 12 GE 102, Physical Geology 4 Electives from the following: 17 BY 307, Independent Study in Biology 1-8 BY 314, Dendrology 4 BY 340, Microbiology 4 BY 367, Independent Study in Marine Biology 1-8 BY 393, Paleontology 4 BY 410, Field Botany 4 BY 420, Field Zoology 4 BY 428, Vertebrate Zoology 4 BY 429, Entomology 4 BY 461, Aquatic Biology 4 CH 321, Qualitative Analysis 4 CH 422, Instrumental Analysis 4 CH 480, Forensic Chemistry 4 EN 307, Independent Study in Environmental Sciences 1-8 EN 360, Environmental Chemistry 3 EN 441, Environmental Toxicology 3 EN 453, Appalachian Ecology 4 EN 454, Conservation Biology 3 EN 456, Ecological Restoration 3 EN 458, Subtropical Ecology 4 EN 480, Environmental Law 3 GE 370, Environmental Geology 4 GE 392, History of Life on Earth 4 TY 338, Geographic Information Systems 3 TY 351, Managing Occupational Safety and Health 3 TY 352, Hazardous Waste Operations and Emergency Response 3	Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.	None	By offering the elective courses less frequently faculty loads can be redistributed to areas where more instructional time is needed.	

	EN 455, Ecological Management	3					
	EN 456, Ecological Restoration	3					
	GE 102, Physical Geology.	4					
	TY 338, Geographic Information Systems	3					
	Approved electives (300-400 level) in Biology, Chemistry, Environmental Sciences, Geology, or Technology	11					
	*Note. Many intern sites require a G.P. A. of 2.5 or higher in the Environmental Sciences Core and Comprehensive Courses.						
XXVIII. Major Requirement Change	Education majors pursuing teacher certification in General Science should follow the pattern below. Students should refer to the College of Education section of the <i>Catalogue</i> for a listing of additional requirements for teacher certification.		GENERAL SCIENCE (Teacher Certification)	45	Changes to this major relate back to the creation of the CORE CURRICULUM FOR BIOLOGY COMPREHENSIVE, CONSERVATION AND FIELD BIOLOGY, MARINE BIOLOGY, BIOLOGY EDUCATION, AND BIOLOGY MAJORS created above. Many classes currently offered annually can be moved into a two year rotation.	None	By offering the elective courses less frequently faculty loads can be redistributed to areas where more instructional time is needed.
			Specialty Courses	13			
			BY 389, Advanced Laboratory Practicum	1			
			ES 100, Survey of Earth Science	4			
			PH 201, College Physics I	4			
			PH 202, College Physics II	4			
			Electives from the following in at least two different areas.	9			
			BY 307, Independent Study in Biology	1-8			
			BY 314, Dendrology	4			
			BY 393, Paleontology	4			
			BY 410, Field Botany	4			
			BY 420, Field Zoology	4			
			BY 428, Vertebrate Zoology	4			
			BY 429, Entomology	4			
			BY 457, Natural History of the Black Belt	3			
			BY 461, Aquatic Biology	4			
			CH 321, Qualitative Analysis	4			
			CH 422, Instrumental Analysis	4			
			CH 480, Forensic Chemistry	4			
			EN 307, Independent Study in Environmental Sciences	1-8			
			EN 453, Appalachian Ecology	4			
			EN 454, Conservation Biology	3			
			EN 456, Ecological Restoration	3			
		EN 458, Subtropical Ecology	4				
		EN 480, Environmental Law	3				
		GE 370, Environmental Geology	4				
		General Science majors pursuing teacher certification should refer to the College of Education section of the <i>Catalogue</i> for a listing of additional requirements for teacher certification.					
XXIX. Basic Curriculum Requirement Change	BIOLOGICAL AND ENVIRONMENTAL SCIENCES AND MARINE BIOLOGY CORE CURRICULUM	24 hours	BIOLOGICAL SCIENCES, ENVIRONMENTAL SCIENCES, AND MARINE BIOLOGY BASIC CURRICULUM	24 hours	Renaming the existing CORE that is actually part of the BASIC CURRICULUM will reduce student and advisor confusion due to the creation of CORE curricula for each major. Additionally, this change reflects the change in the course name for MH 246.	None	None
	BY 212, General Botany	4	BY212, General Botany	4			
	BY 222, General Zoology	4	BY 222, General Zoology	4			
	CH 111, General Chemistry I	4	CH 111, General Chemistry I	4			
	CH 112, General Chemistry II	4	CH 112, General Chemistry II	4			
	CH 241, Organic Chemistry I	4	CH 241, Organic Chemistry I	4			
	CH 242, Organic Chemistry II	4	CH 242, Organic Chemistry II	4			

MH 246, Applied Statistics in Science		4	MH 246, Introduction to Biostatistics		4		
Department of Physical Sciences Contact: Dr. Roger Campbell , ext. 3862 Station # 7							
1. Type of Change	2. Current details:		3. Proposed details:		4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. Course Description Change	CH 241. Organic Chemistry I (4) General principles and theories of organic chemistry including bonding, molecular structure, nomenclature, stereochemistry, mechanisms, functional groups, and reactions of alkanes, alkenes, alkynes, and aromatic molecules. Three lecture and three laboratory hours each week . <i>Prerequisite: CH 112.</i>		CH 241. Organic Chemistry I (4) General principles and theories of organic chemistry including bonding, molecular structure, nomenclature, stereochemistry, mechanisms, functional groups, and reactions of alkanes, alkenes, alkynes, and aromatic molecules. Three lecture and four laboratory hours each week . <i>Prerequisite: CH 112.</i>		Many organic chemistry labs are designed for a 3.5-4 hour time slot. Scheduling such labs in a 3 hour time slot means that many students are not able to complete the experiment without staying beyond the allotted time. Extending the lab session by one hour will allow students sufficient time to complete the experiment and gain the full benefit of the course.	There should be no significant impact on other programs. This course would typically only compete with Biology courses for a time slot. Any Biology course which conflicts with this course is available at another time.	N/A
II. Course Description Change	CH 242, Organic Chemistry II (4) Spectroscopy, nomenclature, and reaction mechanisms of carbonyl and polyfunctional organic compounds with applications in other disciplines. Organic synthesis and reactions of complex natural products and polymers. Three lecture and three laboratory hours each week . <i>Prerequisite: CH 241.</i>		CH 242. Organic Chemistry II (4) Spectroscopy, nomenclature, and reaction mechanisms of carbonyl and polyfunctional organic compounds with applications in other disciplines. Organic synthesis and reactions of complex natural products and polymers. Three lecture and four laboratory hours each week . <i>Prerequisite: CH 241.</i>		Many organic chemistry labs are designed for a 3.5-4 hour time slot. Scheduling such labs in a 3 hour time slot means that many students are not able to complete the experiment without staying beyond the allotted time. Extending the lab session by one hour will allow students sufficient time to complete the experiment and gain the full benefit of the course.	There should be no significant impact on other programs. This course would typically only compete with Biology courses for a time slot. Any Biology course which conflicts with this course is available at another time.	N/A
III. Course Description Change	CH 471. Biochemistry I (4) Structure and function of biological molecules, the chemistry of buffer, proteins, nucleic acids, lipids, carbohydrates and the mechanism of enzyme action. An introduction of quantitative and analytical/organic techniques of biochemistry. Three lecture hours and three laboratory hours per week . <i>Prerequisite or Corequisite: CH 242.</i>		CH 471. Biochemistry I (4) Structure and function of biological molecules, the chemistry of buffer, proteins, nucleic acids, lipids, carbohydrates and the mechanism of enzyme action. An introduction of quantitative and analytical/organic techniques of biochemistry. Three lecture hours and four laboratory hours per week . <i>Prerequisite or Corequisite: CH 242.</i>		Many biochemistry labs are designed for a 3.5-4 hour time slot. Scheduling such labs in a 3 hour time slot means that many students are not able to complete the experiment without staying beyond the allotted time. Extending the lab session by one hour will allow students sufficient time to complete the experiment and gain the full benefit of the course.	There should be no significant impact on other programs. This course would typically only compete with Biology courses for a time slot. Any Biology course which conflicts with this course is available at another time.	N/A
IV. New Course			CH 480, Forensic Chemistry (4) Investigation of the preparation and analysis of forensic samples from a chemical perspective. Emphasis will be placed on the analytical techniques used to analyze forensic evidence. Three lecture and three laboratory hours per week. Prerequisite: CH 242.		This course will be required for students in the Forensic Chemistry Track of the chemistry comprehensive program. This program currently offers no course which specifically addresses the application of chemistry to forensic evidence. Such a course is vital to this program	Since this course only requires Organic Chemistry, students in Biology and Environmental Science may be able to use it as a chemistry elective.	N/A
V. Minor Requirement Change	MEDICAL SCIENCES (NSM)	26-28	MEDICAL SCIENCES (NSM)	26-28	The Harrison School of Pharmacy at Auburn University recently added a course equivalent to BY 474 to their list of required pre-pharmacy courses. The medical sciences minor is designed to be coupled with a chemistry major for	N/A	N/A
	BY 222, General Zoology	4	BY 222, General Zoology	4			
	BY 231, Human Anatomy & Physiology I.	4	BY 231, Human Anatomy & Physiology I.	4			
	BY 232, Human Anatomy & Physiology II	4	BY 232, Human Anatomy & Physiology II	4			
	CH 471, Biochemistry I.	4	CH 471, Biochemistry I	4			

	<p>Three of the following courses:</p> <p>BY 242, Microbiology 4</p> <p>BY 331, Immunology. 4</p> <p>BY 380, Genetics 4</p> <p>BY 472, Cell Biology 4</p> <p>CH 321, Quantitative Analysis 4</p> <p>CH 341, Organic Chemistry III 4</p> <p>CH 360, Environmental Chemistry 3</p> <p>CH 431, Inorganic Chemistry 4</p>	<p>Three of the following courses:</p> <p>BY 340, Microbiology 4</p> <p>BY 331, Immunology 4</p> <p>BY 380, Genetics 4</p> <p>BY 472 Cell Biology 4</p> <p>BY 474, Human Physiology 4</p> <p>CH 321, Quantitative Analysis 4</p> <p>CH 360, Environmental Chemistry 3</p> <p>CH 431, Inorganic Chemistry 4</p>	students planning to attend pharmacy school. The addition of BY 474 will allow this minor to continue to fulfill this requirement. CH 341 is being removed since it is not routinely offered.		
VI. Basic Curriculum Requirement Change	<p>CHEMISTRY MAJOR CORE CURRICULUM 24 hours</p> <p>CH 112, General Chemistry II 4</p> <p>MH 121 and 122, Calculus I and II 8</p> <p>MH 246, Applied Statistics in Science 4</p> <p>PH 201 and 202, College Physics I and II OR PH 211 and 212, Technical Physics I and II 8</p>	<p>CHEMISTRY MAJOR BASIC CURRICULUM 24 hours</p> <p>CH 112, General Chemistry II 4</p> <p>MH 121 and 122, Calculus I and II 8</p> <p>MH 246, Introduction to Biostatistics 4</p> <p>PH 201 and 202, College Physics I and II OR PH 211 and 212, Technical Physics I and II 8</p>	Renaming the existing CORE that is actually part of the BASIC CURRICULUM will reduce student and advisor confusion due to the creation of CORE curricula for each major. Additionally, this change reflects the change in the course name for MH246.	N/A	N/A
VII. Major Requirement Change		<p>CORE CURRICULUM FOR CHEMISTRY COMPREHENSIVE, BIOCHEMISTRY, FORENSIC CHEMISTRY, AND CHEMISTRY MAJORS 32 hours</p> <p>CH 241, Organic Chemistry I 4</p> <p>CH 242, Organic Chemistry II 4</p> <p>CH 308, Seminar in Chemistry 1</p> <p>CH 321, Quantitative Analysis 4</p> <p>CH 351, Physical Chemistry I 4</p> <p>CH 352, Physical Chemistry II 4</p> <p>CH 422, Instrumental Analysis 4</p> <p>CH 431, Inorganic Chemistry 3</p> <p>CH 471, Biochemistry I 4</p>	The addition of a specified core for all chemistry majors, except teacher certification, represents an attempt to clarify the degree requirements. A core was previously listed for the comprehensive majors, but was not specifically titled as the "core" curriculum.	N/A	N/A
VIII. Major Requirement Change	<p>CHEMISTRY 35</p> <p>CH 241, Organic Chemistry I 4</p> <p>CH 242, Organic Chemistry II 4</p> <p>CH 308, Seminar in Chemistry 1</p> <p>CH 321, Quantitative Analysis 4</p> <p>CH 351, Physical Chemistry I 4</p> <p>CH 352, Physical Chemistry II 4</p> <p>CH 422, Instrumental Analysis 4</p> <p>CH 431, Inorganic Chemistry 3</p> <p>CH 471, Biochemistry I 4</p> <p>Approved elective in Chemistry (from 300-400 series) 3</p>	<p>CHEMISTRY 35</p> <p>This program must be completed in conjunction with a minor in another field.</p> <p>Approved elective in Chemistry (300-400 level) 3</p>	A change for clarity. See explanation for the CORE CURRICULUM above.	N/A	N/A
IX. Major Requirement Change	<p>CHEMISTRY COMPREHENSIVE 55-58</p> <p>CH 241, Organic Chemistry I 4</p> <p>CH 242, Organic Chemistry II 4</p> <p>CH 308, Seminar in Chemistry 1</p> <p>CH 321, Quantitative Analysis 4</p> <p>CH 351, Physical Chemistry I 4</p> <p>CH 352, Physical Chemistry II 4</p>	<p>CHEMISTRY COMPREHENSIVE (Traditional) 58</p> <p>Specialty Courses 12</p> <p>CH 360, Environmental Chemistry 3</p> <p>CH 491, Undergraduate Research 2</p> <p>MH 223, Multivariable Calculus 4</p> <p>MH 224, Applied Differential Equations 3</p> <p>Approved Chemistry or Math Electives (300-14</p>	These changes are designed to allow more flexibility in the curriculum. By replacing some of the required courses with elective hours, students have more choice in their selection of courses. This change also allows the offering of selected topic courses which greater utilize the expertise of individual faculty	By allowing students to choose math electives, there is a possibility of increased enrollment in certain math courses	N/A

	CH 431, Inorganic Chemistry 3 CH 471, Biochemistry I 4 CH 472, Biochemistry II 3 Traditional Track CH 360, Environmental Chemistry 3 CH 422, Instrumental Analysis 4 CH 423, Advanced Analytical Chemistry 4 CH 432, Inorganic Chemistry II 4 CH 491, Undergraduate Research 2 MH 213, Linear Algebra 3 MH 223, Multivariable Calculus 4 MH 224, Applied Differential Equations 3	400 level)		members. This track is designed for students who wish to pursue a graduate degree in chemistry. Students may select chemistry or math electives to allow them to better prepare for graduate school. In certain fields of chemistry, such as physical chemistry, a strong background in mathematics is essential.		
X. Major Requirement Change	CHEMISTRY COMPREHENSIVE 55-58 CH 241, Organic Chemistry I 4 CH 242, Organic Chemistry II 4 CH 308, Seminar in Chemistry 1 CH 321, Quantitative Analysis 4 CH 351, Physical Chemistry I 4 CH 352, Physical Chemistry II 4 CH 431, Inorganic Chemistry 3 CH 471, Biochemistry I 4 CH 472, Biochemistry II 3 Biochemistry Track BY 212, General Botany 4 OR BY 222, General Zoology 4 BY 380, Genetics 4 BY 472, Cell Biology 4 CH 422, Instrumental Analysis 4 OR CH 423, Advanced Analytical Chemistry 4 CH 341, Organic Reactions and Mechanisms 4 OR CH 360, Environmental Chemistry 4	55-58	CHEMISTRY COMPREHENSIVE (Biochemistry) 58 Specialty Courses 19 BY 222, General Zoology 4 BY 340, Microbiology 4 BY 380, Genetics 4 BY 472, Cell Biology 4 CH 472, Biochemistry II 3 Approved Chemistry Electives (300-400 level) 7	These changes are designed to allow more flexibility in the curriculum. By replacing some of the required courses with elective hours, students have more choice in their selection of courses. This change also allows the offering of selected topic courses which greater utilize the expertise of individual faculty members.	N/A	N/A
XI. Major Requirement Change	CHEMISTRY COMPREHENSIVE 55-58 CH 241, Organic Chemistry I 4 CH 242, Organic Chemistry II 4 CH 308, Seminar in Chemistry 1 CH 321, Quantitative Analysis 4 CH 351, Physical Chemistry I 4 CH 352, Physical Chemistry II 4 CH 431, Inorganic Chemistry 3 CH 471, Biochemistry I 4 CH 472, Biochemistry II 3 Forensic Chemistry Track BY 212, General Botany 4 OR	55-58	CHEMISTRY COMPREHENSIVE (Forensic) 57 Specialty Courses 25 BY 222, General Zoology 4 BY 380, Genetics 4 BY 472, Cell Biology 4 CH 480, Forensic Chemistry 4 CH 472, Biochemistry II 3 CJ 200, Introduction to Criminal Justice 3 SY 381, Introduction to Criminology 3	These changes are designed to strengthen the Forensic Chemistry Track.	N/A	N/A

BY 222. General Zoology	4			
BY 380, Genetics	4			
BY 472, Cell Biology	4			
CH 422, Instrumental Analysis	4			
CH 423, Advanced Analytical Chemistry	4			
CJ 200, Introduction to Criminal Justice	3			
SY 381, Introduction to Criminology	3			

Department of Mathematics Contact: [Dr. Tom Ratkovich](#), ext. 3873 Station # 23

1. Type of Change	2. Current details:	3. Proposed details:	4. Rationale: Explain rationale for change.	5. Academic Implications/ Approval by Appropriate Councils: Discuss impact on other academic programs or areas, if any. List date of approval by appropriate council (if applicable)	6. Financial Implications: Discuss personnel, facility, and budgetary implications of change, if any.
I. New Course		MH 388. Methods of Teaching High School Mathematics (1) The study of instructional methods as applied to teaching high school mathematics. Prerequisite: "C" or higher in MH 121.	There are three mathematics courses designed specifically for elementary teachers but currently there is not a course for high school mathematics teachers. Since our graduates teach primarily in high schools, this course would be beneficial to their preparation for employment	N/A	N/A
II. Course Prerequisite Change	MH 389. Tutorial Practicum (1) Upper level students in mathematics, under the supervision of a mathematics instructor, work individually with college students lacking proficiency in basic mathematical skills. One semester hour per semester; may be repeated for a maximum of three semester hours credit; this course is not an approved elective for mathematics or mathematics/computer information systems majors. <i>Prerequisite: "C" or higher in MH 121 and MH 122.</i>	MH 389. Tutorial Practicum (1) Upper level students in mathematics, under the supervision of a mathematics instructor, work individually with college students lacking proficiency in basic mathematical skills. One semester hour per semester; may be repeated for a maximum of three semester hours credit; this course is not an approved elective for mathematics or mathematics/computer information systems majors. <i>Prerequisite: "C" or higher in MH 122 and MH 388.</i>	N/A	N/A	N/A
III. Course Name Change	MH 246. Applied Statistics in Science (4) Introduction to basic statistical principles and their application in the sciences, especially the life sciences. Includes descriptive statistics, probability, simple hypothesis testing, binomial and Poisson distribution, analysis of variance, and regression and correlation. Three lecture hours and two lab hours per week. <i>Prerequisite: MH 113.</i>	MH 246. Introduction to Biostatistics (4) Introduction to basic statistical principles and their application in the sciences, especially the life sciences. Includes descriptive statistics, probability, simple hypothesis testing, binomial and Poisson distribution, analysis of variance, and regression and correlation. Three lecture hours and two lab hours per week. <i>Prerequisite: MH 113.</i>	This name change will bring the curriculum in line with professional school requirements.	N/A	N/A
IV. Course Name Change	MH 422. Analysis (3) Functions and sequences, limits of sequences, continuity, derivatives, indeterminate forms, and proofs for many classical theorems of calculus. <i>Prerequisites: MH 122 and MH 300.</i>	MH 422. Real Analysis (3) Functions and sequences, limits of sequences, continuity, derivatives, indeterminate forms, and proofs for many classical theorems of calculus. <i>Prerequisites: MH 122 and MH 300.</i>	The title "Analysis" is too vague. It does not differentiate between real, complex, functional, or numerical analysis. Since this course entails the study of the real number system, the title "Real Analysis" is more appropriate than the current title.	N/A	N/A
V. Course Name	MH 522. Analysis (3) Functions and sequences, limits of sequences,	MH 522. Real Analysis (3) Functions and sequences, limits of sequences,	The title "Analysis" is too vague. It does not differentiate between real, complex,	N/A	N/A

<i>Change</i>	continuity, derivatives, indeterminate forms, and proofs for many classical theorems of calculus. <i>Prerequisites: MH 122 and MH 300.</i>	continuity, derivatives, indeterminate forms, and proofs for many classical theorems of calculus. <i>Prerequisites: MH 122 and MH 300.</i>	or numerical analysis. Since this course entails the study of the real number system, the title "Real Analysis" is more appropriate than the current title.		
VI. Course Description <i>Change</i>	MH 584. Mathematics for Teachers (3) Established and developing concepts of set theory and subsets of the real number system, logic, probability and statistics, and problem solving. Research project is required.	MH 584. Mathematics for Teachers (3) A study of real and complex numbers, functions and their properties, equations, integers and polynomials for teachers. Research project is required.	This is a change of focus designed to more adequately prepare secondary and community college teachers in mathematics.	None	None
VII. Major Requirement <i>Change</i>	MATHEMATICS (Mathematics Teacher Certification) 29 MH 213, Linear Algebra 3 MH 224, Applied Differential Equations 3 MH 300, Introduction to Advanced Mathematics 3 MH 308, Seminar in Mathematics 1 MH 311, Modern Abstract Algebra 3 MH 332, College Geometry 4 MH 341, Probability and Statistics 4 MH 389, Tutorial Practicum 1 MH 422, Analysis 3 MH 480, Technology for Teachers 4	MATHEMATICS (Mathematics Teacher Certification) 30 MH 213, Linear Algebra 3 MH 224, Applied Differential Equations 3 MH 300, Introduction to Advanced Mathematics 3 MH 308, Seminar in Mathematics 1 MH 311, Modern Abstract Algebra 3 MH 332, College Geometry 4 MH 341, Probability and Statistics 4 MH 388, Methods of Teaching High School Mathematics 1 MH 389, Tutorial Practicum 1 MH 422, Analysis 3 MH 480, Technology for Teachers 4		None	None
VIII. Basic Curriculum <i>Requirement Change</i>	MATHEMATICS MAJOR CORE CURRICULUM 19 hours CS 205, Microcomputer Applications (for non-CIS majors or minors) 3 OR CS 210, Introduction to CIS** OR *ED 405, Technology and Education MH 121 and 122, Calculus I and II 8 MH 223, Multivariable Calculus 4 PH 212, Technical Physics II 4 *Required for teacher certification students **For Mathematics/CIS majors or CIS minors.	MATHEMATICS MAJOR BASIC CURRICULUM 19 hours CS 205, Microcomputer Applications (for non-CIS majors or minors) 3 OR CS 210, Introduction to CIS** OR *ED 405, Technology and Education MH 121 and 122, Calculus I and II 8 MH 223, Multivariable Calculus 4 PH 212, Technical Physics II 4 *Required for teacher certification students **For Mathematics/CIS majors or CIS minors.	Renaming the CORE CURRICULUM to BASIC CURRICULUM will allow all majors in NSM to have consistent naming conventions.	None	None