

Summary of Proposed Curriculum Revisions

Ouachita Baptist University
November 2017

The faculty **approved** these curriculum revisions at a faculty meeting on November 28, 2017.

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The **short form** notation indicates informational level curriculum revisions submitted on the Curriculum and Academic Standards Committee's short form, which addresses course title changes, course time offering changes, and non-substantive changes to course content and/or descriptions. These short form revisions will NOT be brought to the faculty for discussion or a vote, unless questions are raised before the faculty meeting.

Business

Finance	Proposed Changes
Financial Planning Track	<ul style="list-style-type: none">• Add new course: FINN 4070 Introduction to Portfolio Management.• Add new course: FINN 4073 Portfolio Management Practicum/Ary Fund.• Add new course: FINN 4013 Retirement and Employee Benefits.• Add new course: FINN 4023 Estate Planning.• Modify requirements for financial planning track within the finance major to include two new courses: FINN 4013 Retirement and Employee Benefits and FINN 4023 Estate Planning.• Remove BUAD 2033 Statistics for Business and Economics, as a prerequisite for FINN 3013 Corporate Financial Management.• Modify the course description for FINN 3013 Corporate Financial Management.• Remove ACCT 4003 Federal Income Tax Procedure and FINN 4053 Investments as prerequisites for FINN 4063 Advanced Financial Planning.
	Rationale
	Addition of FINN 4070 and 4073
	Last fall, the Board of Trustees affirmed a decision by the Endowment Committee to raise the endowment allocation for the Ary Student Investment Fund to \$1,000,000. In recent years, the Fund has been operated as a stand-alone activity. The proposed change would link the management of the portfolio to a class, and would grant three

hours of academic credit to students who are part of the management team. (The course will be listed as a three-hour class in the fall, but the students will meet for 75 minutes each week during both fall and spring semesters.) Student participants can count the course as an elective for the menu portion of the finance major.

Addition of FIN 4013 and 4023

When we added the finance major last fall, we included a financial planning track as an option for those students interested in pursuing the Certified Financial Planner™ designation. As part of the application process with the CFP® Board, we are required to show coverage of a list of personal finance-related topics. Our initial plan was to try to condense the topics into as few courses as possible so we would not need to add multiple new classes. However, we have since learned two things: 1) we overestimated our ability to cover the topics in existing courses, and 2) Henderson State University has recently begun offering the classes that represent the largest gaps in our coverage.

Our plan in adding these two courses is to list them for our CFP® Board application, but not teach them on Ouachita's campus (at least for now). Instead, students who need Retirement Planning and Estate Planning for purposes of the financial planning track (and to satisfy CFP® preparatory requirements) will take the HSU offerings as substitutes. In the event that HSU ceases to offer the courses, or if demand from our students changes, we will reevaluate.

Modification of Financial Planning Track Requirements

The financial planning track will be expanded to provide the necessary content for students desiring to pursue the Certified Financial Planner™ designation. If approved, the change would increase the number of required finance electives in the financial planning track from two to four.

Prerequisite Change to FINN 3013

Ideally, students will still take BUAD 2033 Statistics for Business and Economics first. However, those who do not are not at a significant disadvantage. Also, Corporate Financial Management is a prerequisite for MGMT 4093, Management Strategy. Currently, students who wait to take Statistics may have difficulty in completing the proper sequencing.

Revised Course Description for FINN 3013

While the primary content areas remain unchanged, a few minor tweaks will better align

the course description with standard content areas covered in similar courses at other institutions.

Prerequisite Change for FINN 4063

The course is a capstone for the financial planning track in the finance major. However, the current prerequisite courses are all offered once per year. Some students will have difficulty in completing all prerequisites, particularly December graduates. The course structure will be adjusted to account for the lack of prerequisites.

Catalog Entries

FINN 3013. Corporate Financial Management.

The nature of financial management, including financial statement analysis, valuation, risk and return, capital budgeting, cost of capital, capital structure, leverage, dividend policy, working capital management, and international considerations. Pre-requisites: ACCT 2013, 2023; ECON 1013. Fall, Spring.

FINN 4013. Retirement and Employee Benefits.

An overview of the retirement planning process, with an emphasis on retirement needs analysis, types of qualified and nonqualified plans, and distribution rules and taxation. Also includes an examination of common employee benefits and social insurance programs. On demand.

FINN 4023. Estate Planning.

An overview of the estate planning process, including taxation and the probate process, with a focus on strategies for the transfer of assets through proper titling, estate planning documents such as wills and trusts, and other techniques. On demand.

FINN 4063. Advanced Financial Planning

Examines the financial planning process, from client engagement and data acquisition to plan development and implementation; identifies strategic considerations in the application of insurance, investment, education, retirement, and estate planning techniques; explores current regulatory and ethical issues related to careers in financial planning, especially those in the client-advisor relationship; emphasis on the fusion of individual planning components into a comprehensive financial plan. Pre-requisites: FINN 2003, FINN 3033, senior standing. Spring.

FINN 4070. Introduction to Portfolio Management.

The study of investing strategies and techniques. Combines passive and active

	<p>management, with an emphasis on fundamental analysis. By invitation only. Fall.</p> <p>FINN 4073. Portfolio Management Practicum/Ary Fund. The application of investing strategies and techniques to the Eddie and Phyllis Ary Student Investment Fund, a stock portfolio managed by a team of student analysts. Pre-requisite: FINN 4070. By invitation only. Spring.</p> <p>FINANCE MAJOR (18 hours) (in addition to Personal Finance and Corporate Financial Management)</p> <p>Required courses: FINN 3003 Financial Institutions FINN 3033 Insurance Principles FINN 4043 Real Estate Principles FINN 4053 Investments</p> <p>Select 6 hours from the following four courses: ACCT 4003 Federal Income Tax* BUAD 3123 Electronic Spreadsheets ENTR 4033 Entrepreneurial Finance FINN 4063 Advanced Financial Planning*</p> <p>*Students planning to pursue a career as a financial advisor may elect to follow the financial planning track. The financial planning track includes the four required finance courses, plus ACCT 4003, FINN 4013, FINN 4023, and FINN 4063.</p>
<p>Business Administration</p> <p>BUAD 1003</p> <p>ECON 3023, 3033, and 4013</p> <p>Short Form</p>	<p>Proposed Changes</p> <ul style="list-style-type: none"> • Change the title of BUAD 1003 Introduction to Economics and Business to BUAD 1003 Business Foundations. • Change the time offering of ECON 3023 Intermediate Macroeconomics from On Demand to Fall. • Change the time offering of ECON 3033 Managerial Economics from Fall, Spring to On Demand. • Change the time offering of ECON 4013 History of Economic Thought from On Demand to Spring. <p>Rationale</p> <p>The School of Business first introduced ECON 1013 Survey of Economics in the 2014-15 academic year. This course has been a positive addition to our curriculum. However, the</p>

name of this course has created some confusion with our gateway course, which has been called BUAD 1003 Introduction to Economics and Business. Students occasionally confuse the two courses because of the similarity of their names. Renaming BUAD 1013 to Business Foundations should eliminate this confusion, while providing a name that remains consistent with the content of the course.

The School of Business is routinely offering ECON 3023 Intermediate Macroeconomics in the Fall semester and is routinely offering ECON 4013 History of Economic Thought in the Spring semester. ECON 3033 Managerial Economics is not being taught on a regular basis. This suggested change simply conforms the catalog language to ongoing practice.

Catalog Entries

BUAD 1003. Business Foundations.

A basic study of principles and characteristics of economic systems and theories, economic and business history, and business institutions and their operations and environment. Fall, Spring.

ECON 3023. Intermediate Macroeconomics.

Theory of the determination of aggregate national income, employment, consumption, investment and price levels. Monetary and fiscal policy analysis, current macroeconomic issues. Prerequisites: ECON 1013. Fall.

ECON 3033. Managerial Economics.

Tools of microeconomic analysis for managers are presented. Techniques such as elementary optimization, game theory, linear regression, and decision analysis are developed. Students are expected to apply analytical tools to problems facing managers. Prerequisites: ECON 1013 and BUAD 2033. On Demand.

ECON 4013. History of Economic Thought.

The nature, importance, and development of economic thought. Analysis of ancient, Biblical and medieval theories of production and distribution followed by study of modern economic theories. Prerequisites: ECON 1013. Spring.

Education

<p>Education</p> <p>Education Studies Minor</p>	<p>Proposed Change Add a minor in Education Studies.</p> <p>Rationale Education faculty members have had multiple inquiries about whether a minor in education was possible. Currently, the only education minor available is the Education Public Policy minor. While there have been a few people interested in the public policy aspect of education, there have been many more people who have wanted a minor that would complement different areas of study such as ministry-related vocations, specifically children's ministry.</p> <p>Catalog Entry</p> <p>Education Studies Minor</p> <p>Ouachita's Education Studies Minor (19 hours, including 6 jr./sr. hours), which may be taken with any major, is designed to provide a greater understanding of the teaching field in general as well as specific information regarding such areas as teaching strategies, classroom management, and student diversity. A combination of the following classes that meets the hourly requirements is appropriate for an education studies minor.</p> <p>Required:</p> <p>EDFN 1002 Introduction to Education EDFN 2012 Instructional Technology EDFN 2003 Foundations of Education EDFN 2043 Teaching Students from Multilingual and Diverse Backgrounds EDFN 2053 Child and Adolescent Development MSED/SCED 3043 Secondary Methods and Classroom Management EDFN 4083 Teaching Exceptional Learners</p> <p>Additional/optional classes:</p> <p>EDFN 2033 Professional Writing in Education ELED/MSED 2033 Literature for Elementary/Middle School Children</p>
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<p>Education</p> <p>EDFN 4083</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Include EDFN 4083 Teaching Exceptional Learners as a required course in the Education Studies minor, allowing students in the minor to take the course with permission of the Dean of the School of Education in lieu of admission to the Teacher Education Program.</p> <p>Rationale</p> <p>Requiring this upper level course in the Education Studies minor adds depth of knowledge for students who pursue the minor.</p> <p>Catalog Entry</p> <p>EDFN 4083. Teaching Exceptional Learners.</p> <p>A study of major areas of exceptionality including students identified with learning challenges (disabilities), physical challenges, and those who are gifted as well as their special needs in a school setting. Field experiences providing interaction with special needs students are part of the course requirements. Prerequisite: Admission to Teacher Education for the Education major. Permission of the Dean of the School of Education for the Education Studies minor. Fall, Spring.</p>
<p>Kinesiology and Leisure Studies</p> <p>Recreation and Sports Administration Emphasis in the KIN/LS Major</p>	<p>Proposed Changes</p> <ul style="list-style-type: none"> • Change the Recreation emphasis in the KIN/LS major to a Recreation and Sports Administration emphasis and incorporate courses related to sports administration. • Remove LST 4842 Backpacking and Nature Awareness from emphasis requirements. <p>Rationale</p> <p>Expanding this emphasis to include Sports Administration reflects industry trends and will have a broader appeal to students.</p> <p>Not all students seeking this emphasis have an interest in outdoor recreation. By removing LST 4842 as a requirement, students will have greater flexibility to follow a path that best fits their calling and career goals.</p> <p>Catalog Entry</p> <p>Requirements for a major in Kinesiology and Leisure Studies (Recreation and Sports Administration emphasis) KIN 1003, 1113, 3073, 4023, 4601; LST 3013, CORE 2053; choose three from KIN 2213, 2223, 2903, 3013, 4013, LST 3023; or LST and choose three from MGMT 3043, SPTM 4023, COMM 3163, COMM 2043, BIO 3023, SOC 1003, or DIET 2043.</p>

<p>Kinesiology and Leisure Studies</p> <p>Recreation and Sports Administration Minor</p> <p>Short Form</p>	<p>Proposed Change Change the Recreation minor to Recreation and Sports Administration minor.</p> <p>Rationale This change aligns with the naming convention used in the corresponding major emphasis.</p> <p>Catalog Entry Requirements for a minor in Recreation and Sports Administration: LST 3013, 3023; KIN 2213 or 2223, KIN 3013, KIN 3073, KIN 4013, and one department choice from KIN courses.</p>
<p>Kinesiology and Leisure Studies</p> <p>Recreation and Sports Ministry Emphasis in the KIN/LS Major</p>	<p>Proposed Change Remove LST 4842 Backpacking and Nature Awareness from emphasis requirements.</p> <p>Rationale Not all students seeking these emphases have an interest in outdoor recreation. By removing LST 4842 as a requirement, students will have greater flexibility to follow a path that best fits their calling and career goals.</p> <p>Catalog Entries Requirements for a major in Kinesiology and Leisure Studies (Recreation and Sports Ministry Emphasis) KIN 1003, 1113, 3073, 4023, 4601; LST 3013, CORE 2053; choose five from KIN 2213, 2223, 2903, 3013, 4013, LST 3023; 3033. Required Christian Studies courses include THEO 1003; a choice of THEO 3323 or THEO 4403; CHMN 1023, 2223, 3423, 4323; a choice of CHMN 3123 or 4213; and an additional CHMN course; Required Communications & Media course COMM 2043 or 3033.</p>
<p>Kinesiology and Leisure Studies</p> <p>Recreation and Sports Ministry Minor</p> <p>Short Form</p>	<p>Proposed Change Change the Recreation Ministry minor to Recreation and Sports Ministry minor.</p> <p>Rationale This change aligns with the naming convention used in the corresponding major emphasis.</p> <p>Catalog Entry Requirements for a minor in Recreation and Sports Ministry: LST 3013, 3023, KIN 3013; KIN 2213 or 2223; THEO 1033; CHMN 1023, 4323 (Note: Prerequisites are waived for this minor.)</p>

<p>Kinesiology and Leisure Studies</p> <p>Recreation and Sports Ministry Minor</p>	<p>Proposed Change Remove LST 4842 Backpacking and Nature Awareness from minor requirements.</p> <p>Rationale Removing LST 4842 from the requirements aligns with its removal from the corresponding major.</p> <p>Catalog Entries Requirements for a minor in Recreation and Sports Ministry: LST 3013, 3023, KIN 3013; KIN 2213 or 2223; THEO 1033; CHMN 1023, 4323 (Note: Prerequisites are waived for this minor.)</p>
<p>Kinesiology and Leisure Studies</p> <p>LST 4842</p> <p>Short Form</p>	<p>Proposed Change Change the time offering of LST 4842 Backpacking and Nature Awareness from Fall, Spring to On Demand.</p> <p>Rationale The student learning outcomes for the course are covered in other LST courses. Therefore, it does not need to be offered every fall and spring.</p> <p>Catalog Entry LST 4842. Backpacking and Nature Awareness. A course offering instruction in backpacking trip-planning, packing, gear care, fire building, cooking, water purification, and hiking techniques. Bird, reptile and wildflower identification are also components of the class. Day-hikes will culminate into a weekend adventure to a wilderness area as a final project. On Demand.</p>
<p>Kinesiology and Leisure Studies</p> <p>Exercise Science Emphasis in the KIN/LS Major</p>	<p>Proposed Changes</p> <ul style="list-style-type: none"> • Change the Fitness emphasis in the KIN/LS major to an Exercise Science emphasis. • Add the following requirements: <ul style="list-style-type: none"> ○ KIN 2073 Health & Safety ○ KIN 3013 Care & Prevention of Injuries ○ KIN 4xx3 Exercise Prescription and Testing ○ BIOL 1014 General Biology (prerequisite for BIOL 2014) ○ BIOL 2014 Human Anatomy & Physiology I ○ BIOL 2024 Human Anatomy & Physiology II • Add the choice of two of the following: <ul style="list-style-type: none"> ○ DIET 2043 Sports Nutrition

	<ul style="list-style-type: none"> ○ KIN 2213 Meth Teaching & Coaching Individual Activities ○ KIN 2223 Meth Teaching & Coaching Team Activities ○ LST 3013 Program Design and Management ○ KIN 4013 Org. and Admin. of KIN/LST Programs ● Update degree summary to indicate that the major satisfies CORE 2334 Scientific Inquiry and CORE 3023 Scientific Connections in the Common Core. <p>The overall result of these changes is:</p> <ul style="list-style-type: none"> ● Core: was 46, now 39 hours ● Major: was 37, now 55 hours ● Electives: was 19, now 8 hours ● Junior/Senior: 19 hours included in major ● Total: 120 hours <p>Rationale</p> <p>Many specialty professional certifications require a degree in Exercise Science to be able to sit for the exam. The ability to obtain such certifications would make our graduates a more desirable candidate. Also, Exercise Science is more established in the field as a subject matter and therefore can be more clearly communicated to potential students as to the purpose and potential of the degree program. Therefore, we anticipate that this will appeal to a greater number of incoming students. Class additions and changes come from the recommended classes for a degree in Exercise Science according to the American College of Sports Medicine.</p> <p>Catalog Entry</p> <p>Requirements for a major in Kinesiology & Leisure Studies (Exercise Science emphasis). KIN 1003, 1113, 2073, 2093, 2903, 3023, 3073, 4023, 4XX3, 3013, 4043, 4601, BIOL 1014, 2014, 2024, CORE 2053. Choose two of the following: DIET 2043, KIN 2213, 2223, or LST 4013.</p>
<p>Kinesiology and Leisure Studies</p> <p>Exercise Science Minor</p>	<p>Proposed Changes</p> <ul style="list-style-type: none"> ● Change the Fitness minor to an Exercise Science minor. ● Remove KIN 3013 Care and Prevention of Injuries, KIN 2213 Methods of Teaching and Coaching Individual Activities, and KIN 2223 Methods of Teaching and Coaching Team Activities from the minor requirements. ● Add KIN 2903 Strength and Conditioning and KIN 4XX3 Exercise Prescription and Testing to the minor requirements. <p>Rationale</p> <p>These changes parallel those for the Exercise Science emphasis in the major. They</p>

	<p>also reflect a shift in focus from general to more advanced training methods.</p> <p>Catalog Entry Requirements for a minor in Exercise Science: KIN 1003, 1113, 2093, 2903, 3023, 3073, 4XX3.</p>
<p>Kinesiology and Leisure Studies</p> <p>KIN 4xx3 Exercise Prescription and Testing</p>	<p>Proposed Change Add a new course, KIN 4xx3 Exercise Prescription and Testing.</p> <p>Rationale Adding this course enables us to provide an emphasis in Exercise Science. A degree in Exercise Science is required to sit for specialty certifications related to the field of Kinesiology such as the American College of Sports Medicine's Certified Inclusive Fitness Trainer and Certified Exercise Physiologist. This class offering and obtainment of such certifications would make graduates of this emphasis more highly skilled candidates. A degree in Exercise Science has a broader appeal to students.</p> <p>Catalog Entry KIN 4xx3. Exercise Prescription and Testing. A study of the guidelines for exercise prescription, programming and testing for generally healthy persons as advised by the American College of Sports Medicine and the National Strength and Conditioning Association. Prerequisites: KIN 3023. Fall.</p>
<p>Kinesiology and Leisure Studies</p> <p>KIN 2073</p>	<p>Proposed Change Revise KIN 2073 Health and Safety to include additional health risk appraisal and classification content.</p> <p>Rationale The American College of Sports Medicine requires the degree in Exercise Science to include health risk appraisal content. Adding this content to an existing class that covers related topics is more feasible than adding a new course. Making this change will complete the required curriculum needs to change the Fitness emphasis to an Exercise Science emphasis. Students who graduate with a degree in Exercise Science will be eligible to sit for specialty certifications like the American College of Sports Medicine's Inclusive Fitness Trainer or Exercise Physiologist. This will make graduates of this emphasis more desirable to their professional field.</p>

	<p>Catalog Entry</p> <p>KIN 2073 Health and Safety</p> <p>A course that deals with the principles of personal health, health risk and appraisal, and interpersonal relationships. Issues in nutrition, exercise, mental health and mental illness, stress, domestic violence and prevention of chronic disease. Fall, Spring.</p>
<p>Kinesiology and Leisure Studies</p> <p>KIN 3073</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Change the time offering of KIN 3073 Adapted Kinesiology and Leisure Studies Methods from Fall, Spring to Spring.</p> <p>Rationale</p> <p>Offering the class once annually will allow room in the curriculum to add other classes for our majors. In recent years, this course has not enrolled more than 20 with a maximum enrollment of 32. Offering it only once annually will make it a larger class, which will enhance implementation of current projects for Special Olympics and Group Living.</p> <p>Catalog Entry</p> <p>KIN 3073. Adapted Kinesiology & Leisure Studies Methods.</p> <p>A course designed to help prepare the exercise-related professional to meet the needs of the disabled in schools and society. Prerequisites: KIN 1003, 1113, 2093. Spring.</p>

Fine Arts

BA in Music Industry	<p>Proposed Change Replace FINN 1003 Personal Finance with ECON 1013 Survey of Economics in the degree requirements for the BA in Music Industry.</p> <p>Rationale Survey of Economics is necessary to fully meet the requirements of the National Association of Schools of Music for a Bachelor of Arts in Music Industry.</p> <p>Catalog Entry In the “Sophomore, Spring” section of the requirements for a major in Music Industry, delete FINN 1003 Personal Finance and add ECON 1013 Survey of Economics.</p>
Music Theory Courses for BFA in Musical Theater and BA in Music Industry	<p>Proposed Changes Replace MUTH 1022, 1032, 1002, and 1012 in the BFA in Musical Theatre and BA in Music Industry curricula with the following courses:</p> <ul style="list-style-type: none"> • MUTH 1xx2. Theory 1 for Musical Theatre & Music Industry • MUTH 1xx2. Theory 2 for Musical Theatre & Music Industry • MUTH 1xx2, 1xx2. Aural Skills for Musical Theatre & Music Industry 1, 2 <p>Rationale MUTH 1022, 1032 Music Theory 1, 2 and MUTH 1002, 1012 Aural Skills 1, 2 are required courses in all of Ouachita’s music degree programs. We usually offer three sections of Music Theory and three sections of Aural Skills each semester.</p> <p>Since 2014-15, the Division of Music has designated one section of each of these courses for students in the BFA in Musical Theatre program. These sections have developed to the point that they now include many differences from the other sections—including different sets of required materials. The university catalog and curricula will be clearer and the textbook ordering process will be more straightforward if the sections for BFA Musical Theatre students are given the name and course number of a new course.</p> <p>In addition, beginning with the 2018-19 academic year, majors in our new BA in Music Industry program will also enroll in the new courses instead of in our current Theory 1, 2 and Aural Skills 1, 2 courses.</p>

	<p>Catalog Entries</p> <p>MUTH 1xx2. Theory 1 for Musical Theatre & Music Industry A course for students in the BFA Musical Theatre and BA Music Industry programs that includes a study of diatonic harmony, embellishing tones, and phrase structure through classical, musical theatre, and popular music. Spring.</p> <p>MUTH 1xx2. Theory 2 for Musical Theatre & Music Industry A continuation of MUTH 1022 with the inclusion of a study of tonicization, form, and modulation through classical, musical theatre, and popular music. This course is intended for students in the BFA Musical Theatre and BA Music Industry programs. Prerequisite: MUTH 1xx2 Theory 1 for Musical Theatre & Music Industry or MUTH 1022 Theory 1. Fall.</p> <p>MUTH 1xx2, 1xx2. Aural Skills for Musical Theatre & Music Industry 1, 2 A course for students in the BFA Musical Theatre and BA Music Industry programs that is designed to develop the sight reading and aural abilities of the student. Exercises in syllable singing, melodic and rhythmic dictation, and aural recognition of intervals and chords are included. There will be an emphasis on musical theatre and popular music examples. Spring, Fall.</p>
<p>Music Theory Curriculum</p>	<p>Proposed Change</p> <ul style="list-style-type: none"> • Replace the one-hour MUTH 1801 Fundamentals of Music Theory course with a two-hour course, MUTH 1802 Fundamentals of Music Theory. • Change the course descriptions for MUTH 1022, 1032, 2062, 2072 Theory 1-4. • Change the semesters in which Music Theory 1-4 and Aural Skills 1-4 are offered and change the schedules of the curricula in which music theory and aural skills courses are required. <p>Rationale</p> <p>MUTH 1801 Fundamentals of Music Theory has served as a preparatory course for incoming music students who do not have sufficient training in music to enroll in MUTH 1022 Theory 1 and MUTH 1002 Aural Skills 1. Because Theory 1 and Aural Skills 1 have been offered in the fall semesters, students who took Fundamentals of Music Theory were not able to enroll in Theory 1 and Aural Skills 1 until the beginning of the sophomore year. We have therefore often erred on the side of leniency and allowed students who should have taken Fundamentals to bypass it and enroll in MUTH 1022 and 1002 during the fall semester of the freshman year. This has resulted in some students having excessive difficulty in MUTH 1022, 1002, and the subsequent courses in the theory and aural skills sequences. It has also had a negative impact on retention.</p>

This proposal replaces the one-hour Fundamentals course with a two-hour course and includes scheduling changes. We will offer the Fundamentals course in the fall semesters, move MUTH 1022 and 1002 to the spring semesters, and move the remaining courses in the theory and aural skills sequences to subsequent semesters. We will continue the policy of administering a diagnostic exam to incoming music majors every August.

Course descriptions for MUTH 1022, 1032, 2062, 2072 Theory 1-4 need to be revised for clarity.

Catalog Entries

Replacement for MUTH 1801:

MUTH 1xx2. Fundamentals of Music Theory.

A course designed to prepare students for MUTH 1002 and 1022 through the study of notation, intervals, key signatures, scales, triads, seventh chords, diatonic Roman numeral analysis, meter, rhythm, and aural skills. This course does not count toward hours required for graduation. Fall.

Revised course descriptions:

MUTH 1022. Theory 1.

A study of diatonic harmony, embellishing tones, and phrase structure. Spring.

MUTH 1032. Theory 2.

A continuation of MUTH 1022 with the inclusion of a study of tonicization.

Prerequisite: MUTH 1022 Theory 1 or MUTH 1xx2 Theory 1 for Musical Theater & Music Industry. Fall.

MUTH 2062. Theory 3.

A continuation of MUTH 1032 with a study of chromatic harmony and form.

Prerequisite: MUTH 1032 Theory 2 or MUTH 1xx2 Theory 2 for Musical Theater & Music Industry. Spring.

MUTH 2072. Theory 4.

A continuation of MUTH 2062 with the addition of studies in acoustics, twentieth century practices and twenty-first century practices. Prerequisite: MUTH 2062 Theory 3. Fall.

Prerequisite and time offering changes:

MUTH 1002 Aural Skills 1

Change semester to Spring.

MUTH 1012 Aural Skills 2

Prerequisite: MUTH 1002 xxx2 or MUTH 1xx2 Aural Skills for Musical Theater & Music Industry 1

Change semester to Fall.

MUTH 2042 Aural Skills 3

Prerequisite: MUTH 1012 Aural Skills 2 or MUTH 1xx2 Aural Skills for Musical Theater & Music Industry 2

Change semester to Spring.

MUTH 2052 Aural Skills 4

Change semester to Fall.

Degree plan changes:**BM Performance****Freshman**

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1002 Aural Skills 1 (2 hours).
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1022 Theory 1 (2 hours).
- Change total hours from 32.5-34.5 to 28.5-30.5.

Sophomore

- Change MUTH 2042, 2052 Aural Skills 3 & 4 (4 hours) to MUTH 1012, 2042 Aural Skills 2 & 3 (4 hours).
- Change MUTH 2062, 2072 Theory 3 & 4 (4 hours) to MUTH 1032, 2062 Theory 2 & 3 (4 hours).
- Add 2234 Scientific Inquiry (4 hours).
- Change total hours from 28-29 to 32-33.

Junior

- Add MUTH 2052 Aural Skills 4 (2 hours).
- Add MUTH 2072 Theory 4 (2 hours).

- Move 2234 Scientific Inquiry (4 hours).

BM Worship Arts

Freshman

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1002 Aural Skills 1 (2 hours).
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1022 Theory 1 (2 hours).
- Add CORE 1023 Contemporary World (3 hours).
- Change total hours from 32.5-34.5 to 31.5-33.5.

Sophomore

- Change MUTH 2042, 2052 Aural Skills 3 & 4 (4 hours) to MUTH 1012, 2042 Aural Skills 2 & 3 (4 hours).
- Change MUTH 2062, 2072 Theory 3 & 4 (4 hours) to MUTH 1032, 2062 Theory 2 & 3 (4 hours).
- Move CORE 1023 Contemporary World (3 hours).
- Add 2234 Scientific Inquiry (4 hours).
- Change total hours from 32-33 to 33-34.

Junior

- Add MUTH 2052 Aural Skills 4 (2 hours).
- Add MUTH 2072 Theory 4 (2 hours).
- Move 2234 Scientific Inquiry (4 hours).

BM Musical Theatre (Music Emphasis)

Freshman

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1002 Aural Skills 1 2 (hours)
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1022 Theory 1 (2 hours).
- Add CORE 1023 Contemporary World (3 hours).
- Change total hours from 34.5-35.5 to 33.5-34.5.

Sophomore

- Change MUTH 2042, 2052 Aural Skills 3 & 4 (4 hours) to MUTH 1012, 2042 Aural

Skills 2 & 3 (4 hours).

- Change MUTH 2062, 2072 Theory 3 & 4 (4 hours) to MUTH 1032, 2062 Theory 2 & 3 (4 hours).
- Move CORE 1023 Contemporary World (3 hours).
- Add CORE 2233 World Literature (3 hours).

Junior

- Add MUTH 2052 Aural Skills 4 (2 hours).
- Add MUTH 2072 Theory 4 (2 hours).
- Move CORE 2233 World Literature (3 hours).
- Change total hours from 33-34 to 34-35.

BME Instrumental

Freshman

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1002 Aural Skills 1 (2 hours).
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1022 Theory 1 (2 hours).
- Add KIN 2073 Health & Safety (3 hours).
- Change total hours from 34.5-35.5 to 33.5-34.5.

Sophomore

- Change MUTH 2042, 2052 Aural Skills 3 & 4 (4 hours) to MUTH 1012, 2042 Aural Skills 2 & 3 (4 hours).
- Change MUTH 2062, 2072 Theory 3 & 4 (4 hours) to MUTH 1032, 2062 Theory 2 & 3 (4 hours).

Junior

- Add MUTH 2052 Aural Skills 4 (2 hours).
- Add MUTH 2072 Theory 4 (2 hours).
- Move PSCI American National Government (3 hours).
- Change total hours from 34-35 to 3 -36.

Senior

- Move KIN 2073 (3 hours).
- Add PSCI American National Government (3 hours).

BME Choral

Freshman

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1002 Aural Skills 1 (2 hours).
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1022 Theory 1 (2 hours).
- Add CORE 1023 Contemporary World (3 hours).
- Change total hours from 33.5-34.5 to 32.5-33.5.

Sophomore

- Change MUTH 2042, 2052 Aural Skills 3 & 4 (4 hours) to MUTH 1012, 2042 Aural Skills 2 & 3 (4 hours).
- Change MUTH 2062, 2072 Theory 3 & 4 (4 hours) to MUTH 1032, 2062 Theory 2 & 3 (4 hours).
- Move CORE 1023 Contemporary World (3 hours).
- Add KIN 2073 Health & Safety (3 hours).

Junior

- Add MUTH 2052 Aural Skills 4 (2 hours).
- Add MUTH 2072 Theory 4 (2 hours).
- Move KIN 2073 Health & Safety (3 hours).
- Move MUED Choral Lit/Arranging (2 hours).
- Change total hours from 35-36 to 34-35.

Senior

- Add MUED Choral Lit/Arranging (2 hours).
- Change total hours from 17.5/18.5 to 19.5/20.5.

BA Music

Freshman

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1002 Aural Skills 1 (2 hours).
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1022 Theory 1 (2 hours).
- Add CORE 1023 Contemporary World (3 hours).
- Change total hours from 30.5-33.5 to 29.5-32.5.

Sophomore

- Change MUTH 2042, 2052 Aural Skills 3 & 4 (4 hours) to MUTH 1012, 2042 Aural Skills 2 & 3 (4 hours).
- Change MUTH 2062, 2072 Theory 3 & 4 (4 hours) to MUTH 1032, 2062 Theory 2 & 3 (4 hours).
- Move CORE 1023 Contemporary World (3 hours).
- Add 2234 Scientific Inquiry (4 hours).
- Change total hours from 29-33 to 30-34.

Junior

- Add MUTH 2052 Aural Skills 4 (2 hours).
- Add MUTH 2072 Theory 4 (2 hours).
- Move 2234 Scientific Inquiry (4 hours).

BA Music Industry

Freshman, Fall

- Move MUTH 1002 Aural Skills 1 (2 hours).
- Move MUTH 1022 Theory 1 (2 hours).
- Add CORE 1043 Composition I (3 hours).
- Change total hours from 15.5-17 to 14.5-16.

Freshman, Spring

- Change MUTH 1012 Aural Skills 2 (2 hours) to MUTH 1xx2 Aural Skills for Musical Theater & Music Industry 1 (2 hours).
- Change MUTH 1032 Theory 2 (2 hours) to MUTH 1xx2 Theory 1 for Musical Theater & Music Industry (2 hours).
- Move CORE 1043 Composition I (3 hours).
- Add CORE 1023 Contemporary World (3 hours).

Sophomore, Fall

- Add MUTH 1xx2 Aural Skills for Musical Theater & Music Industry 2 (2 hours).
- Add MUTH 1xx2 Theory 2 for Musical Theater & Music Industry (2 hours).
- Move CORE 1023 Contemporary World (3 hours).
- Change total hours from 13 to 14.

BFA Musical Theatre

Freshman

- Change MUTH 1002, 1012 Aural Skills 1 & 2 (4 hours) to MUTH 1xx2 Aural Skills for Musical Theater & Music Industry 1 (2 hours).
- Change MUTH 1022, 1032 Theory 1 & 2 (4 hours) to MUTH 1xx2 Theory 1 for Musical Theater & Music Industry (2 hours).
- Change total hours from 33 to 29.

Sophomore

- Add MUTH 1xx2 Aural Skills for Musical Theater & Music Industry 2 (2 hours).
- Add MUTH 1xx2 Theory 2 for Musical Theater & Music Industry (2 hours).
- Move CORE 2213 Western Civilization in Global Context (3 hours).
- Change total hours from 34-35 to 35-36.

Junior

- Add CORE 2213 Western Civilization in Global Context (3 hours).
- Change total hours from 30 to 33.

Humanities

<p>Language and Literature</p> <p>Language Requirement for the BA in English</p>	<p>Proposed Change</p> <p>In the English major requirements, replace the current “six additional hours of Junior-Senior hours in English; four semesters of foreign language or the equivalent” with “any six hours within the Department of Language and Literature or in another approved language (CLEP credit excluded).”</p> <p>Rationale</p> <p>In response to program assessment showing a need to offer English majors more flexibility in electives within the major, we propose to open the six-hour additional language requirement to create a flexible menu of courses for any electives within The Department of Language and Literature.</p> <p>To meet this new major elective requirement, English majors may take ANY two courses within The Department of Language and Literature. Language courses preferred to be taken outside of The Department of Language and Literature, such as Greek, Hebrew, French or other languages encountered during study abroad semesters will also be accepted at the approval of the chair.</p> <p>This change will give English majors more choices and will positively impact our “On Demand” English courses. At the same time (and perhaps on the other hand) by allowing English majors to count all approved language courses as electives, this change could positively impact the language programs on campus.</p> <p>Catalog Entry</p> <p>Requirements for a major in English: Three hours from CORE 2233, ENGL 3703-3793, ENGL 3783, or an approved literature course in a foreign language; ENGL 2013, 2023, 2073, 3103, 3113, 3633, 3643, 3653, 4601; three hours from 4223, 4233, or 4243; 4903; and any six hours within the Department of Language and Literature or in another approved language (CLEP credit excluded).</p>
<p>Language and Literature</p> <p>CORE 1043</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Remove “Students must pass a competency examination to complete the course” from the course description for CORE 1043 Composition I.</p> <p>Rationale</p> <p>In our assessment plan, our external reviewer recommended that we move the exit examination out of Composition I.</p>

Catalog Entry

CORE 1043. Composition I.

Students will improve their ability to engage in written academic discourse, appropriating sources with accuracy, elegance, and integrity. Fall, Spring.

Natural Sciences

Biology	Proposed Change
BIOL 4xx1/2 Internship Capstone	<p data-bbox="440 384 1490 552">Create BIOL 4xx1-2 Internship Capstone. This new course will satisfy the Senior Capstone requirement for both Biology and Environmental Studies degrees. Like the current Biology Capstone courses, the proposed Internship Capstone course will also satisfy the College Writing 3 requirement.</p> <p data-bbox="440 611 1520 821">We propose to follow the existing internship model of the Pruet School of Christian Studies, with modifications. Please see the attached internship documentation, slightly modified for the Biology department. Importantly, an internship must be approved by the Biology Department Chair and Patterson School of Natural Sciences dean before it can be started.</p> <p data-bbox="440 879 1507 1268">We propose to create a one- to two-credit Internship Capstone course which will satisfy the university Capstone requirement and College Writing 3 requirement. The one-credit and two-credit Internship Capstone courses will require the same work to complete, and we request both credit options so that each student may choose the option that works best for him/her, balancing summer tuition costs with hours needed toward graduation. Further, some organizations mandate that student interns receive a specific number of academic credit hours and offering a one- or two-credit course would allow our students to meet this requirement for various organizations.</p> <p data-bbox="440 1327 1490 1537">To complete the Biology Internship Capstone (all credit options), a student must write an internship proposal, complete at least 90 internship hours, write an internship evaluation paper, and present a poster or oral presentation describing the internship. The proposal and evaluation paper requirements are detailed in the attached internship documentation.</p> <p data-bbox="440 1593 570 1625">Rationale</p> <p data-bbox="440 1684 1511 1944">Biology and Environmental Studies students may currently choose between two Capstone options—Senior Capstone, which allows students to examine connections between Biology and the liberal arts, and Research Capstone, which highlights these connections through hands-on lab experiences. While these two Capstone courses fit most of our students, we have an increasing number of Biology and Environmental Studies students who would benefit from an Internship</p>

Capstone course—a course which would allow students to explore the application of a liberal arts Biology education to a specific career path.

Catalog Entries

BIOL 4xx1-2. Internship Capstone.

This capstone consists of a supervised biological sciences internship that will demonstrate expertise in the field of biology, and will address proficiencies in the liberal arts major domains of knowledge including effective communication, critical thinking, analytical and scientific reasoning, knowledge integration, social responsibility, and information literacy. Internships must be approved in advance by the Chair of the Biology Department and the Dean of the Patterson School of Natural Studies. Students will be expected to complete an internship proposal, at least 90 internship hours, and an internship evaluation paper. Students will also produce and present either an oral or poster internship presentation to a varied audience. Additionally, students will complete the Major Field Test in Biology. Students may count both BIOL 3801-3802 and this course in the major if the two courses are completed with different organizations. [CW3] Fall, Spring, Summer.

Requirements for a major in Biology:

B.S. degree: BIOL 1014 and 1024; one course from 4002 or 4xx1-2; two courses from 3034, 4054, 4064; and additional BIOL hours to total thirty hours in the department; CORE 2053 or ENGL 3013. Additionally, eight hours of chemistry are required. A minor of at least eighteen hours must be completed in Chemistry, Computer Science, Mathematics, Physics or Psychology. Research Capstone (4002) is waived upon completion of lab-based Senior Thesis for those participating in the Honors Program.

B.A. degree: BIOL 1014 and 1024; one course from 4601 or 4xx1-2; one course from 3014, 4054, 4064; and at least 11 additional hours in the department, including a minimum of 7 Junior-Senior hours; CORE 2053 or ENGL 3013. Additionally, eight hours of chemistry are required.

B.A. degree (field emphasis): BIOL 1014, 1024, 3034, 3663, and 3802; one course from 4601 or 4xx1-2; one of the Travel Study courses with an Ecological Field Trip 3861 and 3343, 3863, 3873, or 4783; and one additional 4-hour, junior/senior level BIOL course. At least one from the following: NSCI 3001, LST 3023, 3033, 4842, PHIL 3183. Additionally, eight hours of chemistry and MATH 2063 are required.

Requirements for a major in Environmental Studies: BIOL 1014, 1024, 3023, and 3034; 3663 or 4033; 3014 or 4054, 3021, one course from 4601 or 4xx1-2; NSCI

	3202; CHEM 1004 & 1014 or 1024 & 1034; MATH 2063, SOCI 1003, 3043; PSCI 2013, 4033 or 4043; ENGL 3013; FINN 2003, 4043; ECON 1013; MGMT 3043 or BUAD 3003; PHIL 1003 or 1023; LST 3013. Recommended electives: COMM 1003; any CHEM, MATH, or PHYS course; LST 2013.
Biomedical Sciences Social Science Requirement	<p>Proposed Change</p> <p>Students receiving a Biomedical Sciences BS degree must currently choose one upper-level Social Science course, taking one course from PSYC 3013 Social Psychology or SOCI 4073 Medical Sociology.</p> <p>We propose to expand the selection to include PSYC 3093 Abnormal Psychology, so that students may take one course from PSYC 3013 Social Psychology, PSYC 3093 Abnormal Psychology, or SOCI 4073 Medical Sociology.</p> <p>Rationale</p> <p>PSYC 3093 Abnormal Psychology is a required pre-requisite for Physician Assistant school. Since the Biomedical Sciences BS is a three-year degree, we would like to give our students the option to satisfy both this professional school prerequisite and a graduation requirement with a single course.</p> <p>Catalog Entries</p> <p>Requirements for Biomedical Scholars Program, Chemistry Option (B.S. degree in Biomedical Sciences with a minor in Chemistry): BIOM 1242, BIOL 2014 and 2024, BIOL 3683, BIOM 3681 (taken twice for credit), BIOL 4002, BIOL 4054, BIOL 4341; one course from BIOL 3014 or BIOL 4064; one course from BIOL 3064, BIOL 4013, BIOL 4243, or a BIOL field course; one course from BIOM 4563 or BIOM 4643. A minor of at least eighteen hours must be completed in Chemistry. Additionally, the following courses are required: ENGL 3013; one course from MATH 2014 or MATH 2063; NSCI 2001, NSCI 4002; PHYS 2024 and 2034 or PHYS 2054 and 2064; one course from PSYC 1013 or SOCI 1003; one course from PSYC 3013, PSYC 3093, or SOCI 4073; SERV 2000 (two semesters required). Further, students must participate in a pre-matriculation Biomedical Sciences Bootcamp, take courses at an international university as a study abroad experience, have 120 hours of clinical shadowing, prepare and deliver one on-campus and one off-campus research presentation, and apply for at least two off-campus summer research positions.</p> <p>Requirements for Biomedical Scholars Program, Physics Option (B.S. degree in</p>

	<p>Biomedical Sciences with a minor in Physics): BIOM 1242, BIOL 2014 and 2024, BIOL 3683, BIOM 3681 (taken twice for credit), BIOL 4002, BIOL 4054, BIOL 4341; one course from BIOL 3014 or BIOL 4064; one course from BIOL 3064, BIOL 4013, BIOL 4243, or a BIOL field course; one course from BIOM 4563 or BIOM 4643. A minor of at least eighteen hours must be completed in Physics. Additionally, the following courses are required: CHEM 1004 and 1014; ENGL 3013; one course from MATH 2014 or MATH 2063; NSCI 2001, NSCI 4002; one course from PSYC 1013 or SOCI 1003; one course from PSYC 3013, PSYC 3093, or SOCI 4073; SERV 2000 (two semesters required). Further, students must participate in a pre-matriculation Biomedical Sciences Bootcamp, take courses at an international university as a study abroad experience, have 120 hours of clinical shadowing, prepare and deliver one on-campus and one off-campus research presentation, and apply for at least two off-campus summer research positions.</p>
<p>Biomedical Sciences</p> <p>Study Abroad Requirement</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Re-phrase the Biomedical Sciences study abroad requirement to allow the European Study Tour to satisfy this degree requirement.</p> <p>Rationale</p> <p>The three-year Biomedical Sciences major requires a 16-18 credit hour load each of the six semesters that students are at Ouachita, and requires a study abroad experience. Unless a student has come in with a large number of credits, he or she will depend on a summer study abroad experience to satisfy the degree's study abroad requirement. Additionally, Biomedical Sciences majors who already satisfied the Intercultural Appreciation and Communication CORE requirement would like the option of an English-language, summer study abroad experience.</p> <p>The current phrasing of the study abroad requirement excludes the European Study Tour, "take courses at an international university as a study abroad experience". We are proposing to change the phrasing to "participate in a study-abroad experience (taking courses at an international university is strongly suggested)," to allow interested students to officially count the European Study Tour toward the degree's study abroad requirement.</p> <p>In practice, the European Study Tour has been allowed to satisfy the study abroad requirement and we would like to edit the catalog to reflect this practice.</p>

Catalog Entries

Requirements for Biomedical Scholars Program, Chemistry Option (B.S. degree in Biomedical Sciences with a minor in Chemistry): BIOM 1242, BIOL 2014 and 2024, BIOL 3683, BIOM 3681 (taken twice for credit), BIOL 4002, BIOL 4054, BIOL 4341; one course from BIOL 3014 or BIOL 4064; one course from BIOL 3064, BIOL 4013, BIOL 4243, or a BIOL field course; one course from BIOM 4563 or BIOM 4643. A minor of at least eighteen hours must be completed in Chemistry. Additionally, the following courses are required: ENGL 3013; one course from MATH 2014 or MATH 2063; NSCI 2001, NSCI 4002; PHYS 2024 and 2034 or PHYS 2054 and 2064; one course from PSYC 1013 or SOCI 1003; one course from PSYC 3013 or SOCI 4073; SERV 2000 (two semesters required); two courses in the same foreign language. Further, students must participate in a pre-matriculation Biomedical Sciences Bootcamp, participate in a study-abroad experience (taking courses at an international university is strongly suggested), have 120 hours of clinical shadowing, prepare and deliver one on-campus and one off-campus research presentation, and apply for at least two off-campus summer research positions.

Requirements for Biomedical Scholars Program, Physics Option (B.S. degree in Biomedical Sciences with a minor in Physics): BIOM 1242, BIOL 2014 and 2024, BIOL 3683, BIOM 3681 (taken twice for credit), BIOL 4002, BIOL 4054, BIOL 4341; one course from BIOL 3014 or BIOL 4064; one course from BIOL 3064, BIOL 4013, BIOL 4243, or a BIOL field course; one course from BIOM 4563 or BIOM 4643. A minor of at least eighteen hours must be completed in Physics. Additionally, the following courses are required: CHEM 1004 and 1014; ENGL 3013; one course from MATH 2014 or MATH 2063; NSCI 2001, NSCI 4002; one course from PSYC 1013 or SOCI 1003; one course from PSYC 3013 or SOCI 4073; SERV 2000 (two semesters required); two courses in the same foreign language. Further, students must participate in a pre-matriculation Biomedical Sciences Bootcamp, participate in a study-abroad experience (taking courses at an international university is strongly suggested), have 120 hours of clinical shadowing, prepare and deliver one on-campus and one off-campus research presentation, and apply for at least two off-campus summer research positions.

Physics

BS Degree in Physics

BS Degree in Engineering Physics

Proposed Changes

- Change the degree title BS Degree (Physics Option) to BS Degree in Physics.
- Change the degree title BS Degree (Engineering Option) to BS Degree in Engineering Physics.

Rationale

Ouachita does NOT offer an engineering degree of any kind. However, the Engineering Physics major is designed for students who have an interest in and an aptitude for both engineering and physics. The program provides students with a firm foundation in physics and mathematics, together with engineering design and problem-solving skills. This background prepares students to tackle complex problems in multidisciplinary areas that are at the forefront of 21st Century technology. In the last 5 years, around 41% of our graduates are now working in some sort of engineering position. This change is to help us better recruit potential engineering minded students AND to make it clear that this degree is founded on physics, not engineering. It would help our students even more if their transcripts indicated that their degree was in Engineering Physics, rather than Physics.

Currently, both degree options are given the same bachelor's degree, even though they have notably different requirements. In addition, this new degree is also needed to help clarify our Dual Degree Program offering. The BS in Physics remains the same degree as before other than its title. These titles appeared as desired in the 2016-2017 catalog after an editorial change when it was believed both options were separate degrees. However, since they are currently treated as the same B.S. degree, we are formally requesting they be separated into individual degrees. Other schools with this type of degree and label include Harvard, Princeton, Stanford, Ohio State, and Cornell University.

Catalog Entries

B.S. degree in Physics:

PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 3034, 4003, 4043, 4061, 4601, eleven additional approved hours in physics, three of which must be at the Jr/Sr level (PHYS 4023 and 4053 are strongly recommended); 8 hours from CHEM 1004, 1014, BIOL 1014, 1024 subject to all existing prerequisites; MATH 2014, 2024, 3034, 3043, plus three additional Junior-Senior hours in Mathematics; CSCI 1044; ENGL 3013 or CORE 2053; completion of a minor in biology, chemistry, computer science or mathematics.

B.S. degree in Engineering Physics:

PHYS 1121, 2054, 2064 (or 2024, 2034), 2123, 2133, 3004, 3034, 3123, 3131, 4003, 4601, plus seven additional approved hours in physics. (1112 is strongly recommended); CHEM 1004, 1014; MATH 2014, 2024, 3034, 3043, plus three additional Junior-Senior hours in Mathematics; CSCI 1044; ENGL 3013 or CORE 2053; completion of a minor in biology, chemistry, computer science, or mathematics.

Physics**Dual Degree Program
in Engineering****Proposed Changes**

- Rename the Arts-Engineering Program to Dual Degree Program in Engineering.
- Remove the Arts-Engineering major tag in the Blue Zone/Info System.
- Update the description of the Dual Degree Program in Engineering, remove it from under Natural Science (page 140), and add new description to the Physics section of the catalog (page 153).
- Update the description for Pre-Engineering.
- Add description of Dual Program degree requirements to degree listing for clarity.

Rationale

People are often confused by the title Arts-Engineering. To add to the confusion, there is an actual degree tag in the system for this, even though it isn't a degree awarded to students, as a regular BS in Physics is. In the past, it has been used to mark students who are interested in the dual degree in engineering program (or 3-2 program), but students completing the dual degree in engineering are awarded the B.S. in Physics (Engineering option) and not a degree titled Arts-Engineering. This makes it difficult for us to advise and track students as students desiring the dual degree in engineering need to be on the B.S. in Physics (Engineering option) track, but can be overlooked.

To help clarify what we do and what we really offer, we are removing the confusing wording and would like to rename the Arts-Engineering program the Dual Degree Program in Engineering for the catalog. Students pursuing the dual degree would declare their major as a B.S. in Physics (Engineering option), which we are proposing to change the name to the B.S. in Engineering Physics. Therefore, no tag is needed for the Dual Degree Program in Engineering since no degree of that name is offered. Students who have been a part of the dual degree program (or the 3-2 program) must meet the requirements of our BS in Physics (Engineering Option) to receive a degree from OBU. This change and the title change of B.S. in Engineering Physics will help us better communicate our degree offerings and requirements, improve advising, and track students more accurately.

Catalog Entries

Because physics is basic to other disciplines in the sciences and in engineering, our curriculum is designed to prepare students for many options after graduation. Many of our students pursue graduate work in physics directed toward employment in research in government, including laboratories, or teaching. Other students attend professional schools such as engineering, law or medicine; others

work in related fields, such as Biophysics, or Geophysics. Finally, many of our students go directly to work after receiving the bachelor's degree. These students benefit greatly from the option in Engineering Physics outlined below. This option is of value to the student who may be undecided about further work in engineering or physics or who pursues graduate work. Students undecided about these options will find our faculty informed and readily available to assist in making these important decisions.

Dual Degree Program in Engineering

Students who wish to take advantage of a liberal arts education and still receive a specialized engineering degree can do so as part of our Dual Degree Program. Students begin their collegiate career at Ouachita majoring in Engineering Physics. Over the course of three years, a student will take all the CORE Ouachita requirements for a degree and meet as much of the B.S. in Engineering Physics degree requirements as possible. Starting their fourth year, a student will transfer to one of our cooperating schools to enter the specific engineering degree of their choosing. While at the cooperating school, they will focus primarily on engineering courses. At the end of their time at the engineering school, a student will submit their engineering school transcript to Ouachita to receive the remaining credits needed to complete the B.S. in Engineering Physics degree originally started at Ouachita. In so doing, a student will receive two degrees from two universities. The estimated time for completing both degrees is five years; however, the amount of college credit a student begins with, number of hours taken per semester, and the specific type of engineering degree desired, among other factors, can alter that estimated time frame. Currently, we have cooperative agreements with the ABET accredited schools of the University of Arkansas, Missouri S&T and Louisiana Tech University.

All courses in this Department require a grade of C or better in the prerequisite course(s) or consent of the Department Chair to enroll in subsequent courses.

Requirements for B.S. in Physics:

PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 3034, 4003, 4043, 4061, 4601, eleven additional approved hours in physics, three of which must be at the Jr/Sr level (PHYS 4023 and 4053 are strongly recommended); 8 hours from CHEM 1004, 1014, BIOL 1014, 1024 subject to all existing prerequisites; MATH 2014, 2024, 3034, 3043, plus three additional Junior-Senior hours in Mathematics; CSCI 1044; ENGL 3013 or CORE 2053; completion of a minor in biology, chemistry, computer science or mathematics.

Requirements for B.S. in Engineering Physics:

PHYS 1121, 2054, 2064 (or 2024, 2034), 2123, 2133, 3004, 3034, 3123, 3131, 4003, 4601, plus seven additional approved hours in physics. (1112 is strongly recommended); CHEM 1004, 1014; MATH 2014, 2024, 3034, 3043, plus three additional Junior-Senior hours in Mathematics; CSCI 1044; ENGL 3013 or CORE 2053; completion of a minor in biology, chemistry, computer science, or mathematics.

Requirements for the Dual Degree Program in Engineering:

To receive a degree from Ouachita, a student must complete as much of the requirements for a B.S. in Engineering Physics as possible, along with all the CORE requirements for a degree from Ouachita, before transferring to one of the cooperating schools.

Requirements for a B.S. in Biophysics:

PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 3071, 4643, 4601, two courses from PHYS 3034, 3123, 4003, 4023, 4043, 4053; BIOL 1014, 1024, 2024, 4064, one course from BIOL 2014, 2604, 3014, 3064, 3683, 4054; CHEM 1004, 1014, 3004, 3104, CHEM 4023 or MATH 2063; MATH 2014, 2024, 3034, 3043; ENGL 3013 or CORE 2053; and one research credit hour from either BIOL 4002, CHEM 4511, or PHYS 4801.

Pre-Engineering **

Students who plan to transfer to a school with an ABET accredited engineering program instead of graduating from Ouachita should complete as many of the following courses as possible before transferring:

MATH 1034, 2014, 2024, 3034, 3043

PHYS 1112, 2054, 2064, 2123, 2133, 3123

CHEM 1004, 1014

CORE 1043, 2053

CSCI 1044

** All the courses listed above are part of the B.S. in Engineering Physics on page 153. Students interested in engineering and wanting to complete a degree at Ouachita should consider this option since it is a broader degree that prepares students for engineering positions in industry or graduate school in engineering.

<p>Physics</p> <p>PHYS 3044, 3133, and 4103</p>	<p>Proposed Change</p> <p>Delete the following courses:</p> <ul style="list-style-type: none"> • PHYS 3044 Digital Electronics • PHYS 3133 Wave Theory • PHYS 4103 Modern Physics <p>Rationale</p> <p>These courses have not been taught in decades, are not required by any degree, but would have counted if students requested them (which they have not). Since there is no interest in them by students and are not being offered, they need to be removed from the catalog.</p>
<p>Physics</p> <p>PHYS 1112</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Change the time offering of PHYS 1112 Engineering Graphics from On Demand to Spring.</p> <p>Rationale</p> <p>Typically, we would only see incoming students in the fall seminar class because our introductory physics courses started their sophomore year after they had met the math requirements. To retain more students, we have been offering this course every spring, since it requires no pre-requisites and it is very hands on. This has allowed us to be more effective at addressing student needs earlier than usual and to keep them in the program. This change is to reflect our current practice in offering.</p> <p>Catalog Entry</p> <p>PHYS 1112. Engineering Graphics.</p> <p>An introduction to engineering design and the related graphical tools used to communicate design concepts. Drawings will be created by hand and on computer using projections such as orthographic, isometric, and auxiliary. Lecture one hour, lab two hours per week. Spring.</p>
<p>Physics</p> <p>PHYS 2133</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Change the time offering of PHYS 2133 Dynamics from On Demand to Fall of odd-numbered years.</p> <p>Rationale</p> <p>This change creates better load balancing among the department's four-semester rotation of courses.</p>

	<p>Catalog Entry PHYS 2133. Dynamics. A study of the kinematics and kinetics of a particle and of rigid bodies in two and three dimensions. Analysis will include force, energy, and momentum methods. Prerequisite: PHYS 2123. Fall of odd-numbered years.</p>
<p>Physics PHYS 3071 Short Form</p>	<p>Proposed Change Change the time offering of PHYS 3071 Biophysics Seminar from On Demand to Spring of odd-numbered years.</p> <p>Rationale The Biophysics Seminar was introduced with the addition of the Biophysics degree and the Medical Physics course. The original plan was to offer Medical Physics in the spring of even years, and the Seminar course in the spring of odd years. Until there were declared Biophysics majors, it has been offered on demand. We now have several Biophysics majors. Therefore, the Seminar needs to be offered on a regular basis.</p> <p>Catalog Entry PHYS 3071. Biophysics Seminar This seminar will expose students to current topics in biophysics. Prerequisite: PHYS 2034 or PHYS 2064. Spring of odd-numbered years.</p>
<p>Physics PHYS 4483 Short Form</p>	<p>Proposed Change Change the title of PHYS 4483 from Quantum Mechanics to Introduction to Quantum Mechanics II.</p> <p>Rationale This title change clarifies that PHYS 4483 is a continuation of PHYS 4043 Introduction to Quantum Mechanics.</p> <p>Catalog Entry PHYS 4483. Introduction to Quantum Mechanics II A continuation of PHYS 4043 including applications and approximation methods in quantum mechanics as well as the time-dependent Schrödinger equation. Prerequisite: PHYS 4043. On Demand.</p>

Social Sciences

<p>History</p> <p>HIST 3003</p>	<p>Proposed Change Delete the course HIST 3003 African History.</p> <p>Rationale This course was designed to prepare students for upper-level African History courses; ultimately, given course scheduling, we have offered it largely in place of other upper-level courses. While students have provided positive feedback, they have also echoed the instructor's feeling that upper-level courses should focus on more narrow time periods and concepts. Removing this course will allow us to remain within the department's time-frame by covering modern African history, and it will provide a regular rotation in which to teach Decolonization, currently offered on demand. This will provide a richer upper-level experience that is limited in scope and allows further subject depth.</p> <p>Catalog Entries Delete HIST 3003 African History from Social Justice Studies section. Delete HIST 3003 African History from Department of History section.</p>
<p>History</p> <p>HIST 3023</p> <p>Short Form</p>	<p>Proposed Change Change the time offering of HIST 3023 Decolonization from On Demand to Fall of Even-Numbered Years.</p> <p>Rationale This course will replace HIST 3003 as a regular upper-level offering, sufficiently matching the department's scope and narrowness for an upper-level course.</p> <p>Catalog Entry HIST 3023. Decolonization. Study of decolonization during the twentieth century. Readings and course discussions will focus on the rise of nationalism, construction of a Third World identity, relationships to former colonial powers, and nation-building in Africa, Asia, and Latin America. Fall of even-numbered years.</p>

<p>History</p> <p>HIST 3073</p> <p>Short Form</p>	<p>Proposed Change</p> <p>Change catalog description for HIST 3073 The Caribbean.</p> <p>Rationale</p> <p>The revised description better represents how the course is taught, keeping it sufficiently narrow for an upper-level course.</p> <p>Catalog Entry</p> <p>3073. The Caribbean.</p> <p>Survey of islands within and mainland bordering Caribbean Sea, beginning with the Colombian Era. Students will learn about intellectual histories of the region. Fall of odd-numbered years.</p>
<p>Social Justice Studies</p>	<p>Proposed Changes</p> <ul style="list-style-type: none"> • Move BIOL 3023 Environmental Science from the Historical Frames Menu (where it is an option) to the Broadening Menu (where it would be required). • Replace ENGL 3003 Advanced Composition with ENGL 3013 Technical and Professional Writing on the Broadening Menu. • Reduce the number of required TranServe hours from a minimum of 120 to a minimum of 60 on the Broadening Menu. • Delete the courses SJUS 4901 Internship Practicum and SJUS 4902 Research Practicum and replace them with a new course, SJUS 4xx3 Senior Social Justice Seminar. <p>Rationale</p> <p>Currently, the SJUS major provides for students to take BIOL 3023 Environmental Science as a course menu option. We propose to move it into the foundational menu, requiring students to study a topic that has interested them during the Introduction to Social Justice course. This will further emphasize the degree's interdisciplinary nature and provide further training in scientific literature and research in conjunction with their Statistics menu, thus preparing them for work in an increasingly quantitative field. Additionally, while the change will not represent a net loss or gain of hours as the course will fulfill a CORE requirement, it will provide students with a further option to take Social Science courses within the same menu, providing more degree plan flexibility for students who wish to double major or minor in a social science.</p> <p>ENGL 3013 Technical and Professional Writing is most tailored to our students' composition and professional needs, as it includes resume writing, grant writing, and other relevant skills.</p>

Given the realities of student work responsibilities, transferring, and the semester capstone, we propose to reduce the minimum required number of TranServe hours. While we will still encourage students to become as involved in their local community as possible, we hope that lessening the amount of volunteer work required will allow more students to adopt the major late, after transferring, or in conjunction with other responsibilities.

In addition to their courses and required TranServ hours, Social Justice Studies majors are required to complete an internship, advanced research project, study abroad experience, or additional TranServ hours as part of their Broadening menu; they must then submit a portfolio documenting all their interdisciplinary study, service, and research endeavors and complete SJUS 4901 or 4902, during which they assess their in-depth experience. The decentralized nature of these two courses and their accompanying options has sometimes confused students and advisors; additionally, as much of our program involves interdisciplinary menus, students build a cohort during Introduction to Social Justice, then may not see each other for the duration of their careers. We propose deleting the separate Internship and Research courses offered on demand, as well as the current wording on TranServ and Study Abroad options, and replacing them with one course that will be offered each spring, where students will conduct advanced readings and practicum in social justice studies, complete papers to process their Broadening experiences, and create portfolios for use in personal and programmatic assessment, all within their cohort. We hope that this may tie together pieces of an often-disparate major before graduation.

Catalog Entries

Historical Frames: Choose a minimum of two courses from the following—HIST 3023, 3073, 3243, 3313, 3353, 3443, 3453, 3543; ENGL 3703-3793; or SPAN 4003.

Broadening: BIOL 3023; CORE 2053 (or equivalent); ENGL 3013; SSCI 4601; a minimum of 60 TranServe hours; and SJUS 4xx3.

SJUS 4xx3. Senior Social Justice Seminar

Advanced reading, research, and personal reflection in Social Justice Studies.

Spring. Prerequisite: Senior Classification and completion of internship, advanced research, study abroad, or additional TranServ in consultation with advisor. [CW3]

Sociology SOCI 4xx3 Geospatial Data Analysis	Proposed Change Add a new course, SOCI 4xx3 Geospatial Data Analysis. Rationale Geographic Information Systems (GIS) provides a unique skill set to students of all disciplines. This has been offered as a topical seminar and we would like to make it a permanent addition to Sociology Department offerings. Catalog Entry SOCI 4xx3. Geospatial Data Analysis. Geospatial analysis is the gathering, display, and manipulation of imagery, GPS, satellite and historical data, described in terms of geographic. Students will learn the tools, methods and software necessary to manage and analyze spatial data and information to be applied within their own disciplines. Fall of even-numbered years.
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