

Summary of Proposed Curriculum Revisions

Ouachita Baptist University
December 2015

The faculty **approved** these curriculum revisions at a faculty meeting on December 1, 2015.

[Christian Studies](#) | [Education](#) | [Fine Arts](#) | [General Academic Programs](#)

[Humanities](#) | [Natural Sciences](#) | [Social Sciences](#)

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.

Christian Studies

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| Biblical Studies | <p>Add new BIST course 2xx3 "The New Testament World."</p> <p>One of the holes in our curriculum that we have been aware of for a number of years is the lack of a "Biblical Backgrounds" type of class. Most Christian Studies programs have such a class. Also over the years we have frequently received requests from students, especially on the Sr. Exit Survey, asking for a class that deals in some depth with biblical background material, and in particular, the literature of Second Temple Judaism, which this class would cover. Moreover, the material covered in this course fits the long-standing hermeneutical guidelines for interpreting a biblical text (or any ancient text for that matter)—historical, cultural, and grammatical background. It would also be helpful if we had an additional BIST class at the Sophomore level that we could offer on-line as well as at OBU at NLC. Furthermore, several of our faculty have strong expertise in this subject (Pate, Dodson, Nykolaishen, Hays, Duvall). Dr. Dodson has even taught a similar class on-line for another institution (he will offer this on-line course for OBU as a part of his regular teaching load, not as an overload). This is the kind of course that can be covered very effectively on-line. Offering this course on-line would help us meet the curriculum needs for our on-campus students as well as our on-line students. Likewise having it in the catalog as a sophomore class would make it possible to be taught on the OBU at NLC campus, thus helping to meet the growing curriculum needs for those students as well.</p> <p>This is not a specifically required course for BIST majors, but would serve as one of their options for the four BIST electives they are required to take. In semesters when it is offered on-line it would allow us to offer two on-campus, non-online BIST electives instead of the three on-campus, non-online courses that we normally offer.</p> <p>Catalog Description 2xx3. The New Testament World This course introduces students to the historical, geographical, literary, socio-economic, and religious environment surrounding the New Testament period in order to provide a foundational context for interpreting the New Testament. 2xx3. On Demand.</p> |
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Christian Missions**Add a course Missions and Social Justice MSSN 43X3.**

The world situation concerning justice and the interest of our students to address social injustice compels us to offer a course which will inform them theologically, direct them in their actions and help them to think through issues in a theologically grounded way. Our students are already heavily involved in organizations that address social injustice issues and many are seeking to carry out their future ministry in these areas. It only seems proper to offer a course which will inform and aid them in their calling.

This is not a specifically required course for MSSN majors, but would serve as one of their options for the four MSSN electives they are required to take.

Catalog Description**43X3. Missions and Justice**

This course is designed to equip students with a deep and accurate understanding of the global justice movement from a missional perspective. **Spring of Odd Years.**

Education

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| <p>Kinesiology and Leisure Studies</p> | <p>Add KIN 2XX3 Methods of Teaching and Coaching Individual Activities</p> <p>We have revised the methods courses to reflect a simple (updated) change. We are proposing to eliminate several of the methods courses and update our course offerings. This will affect the KLS Teaching Emphasis program; the KLS Recreation Emphasis program; the KLS Fitness Emphasis program; and the KLS Recreation and Sports Ministry program.</p> <p>Catalog Description KIN 2xx3. Methods of Teaching and Coaching Individual Activities This course is designed to assist students in becoming skilled and knowledgeable in teaching and coaching selected individual activities. Emphasis will be placed on developing and evaluating the student's skills and knowledge. Fall</p> |
| <p>Kinesiology and Leisure Studies</p> | <p>Add KIN 22X3 Methods of Teaching and Coaching Team Activities</p> <p>We have revised the methods and coaching courses to reflect a simple (updated) process. We are proposing to eliminate several of the methods and coaching courses and update our course offerings. This will affect the KLS Teaching Emphasis program; the KLS Recreation Emphasis program; the KLS Fitness Emphasis program; and the KLS Recreation and Sports Ministry program.</p> <p>Catalog Description KIN 22x3. KIN Methods of Teaching and Coaching Team Activities This course is designed to assist in students in becoming skilled and knowledgeable in selected team activities. Emphasis will be placed on developing and evaluating the student's skills and knowledge. Spring</p> |
| <p>Kinesiology and Leisure Studies</p> | <p>We are adding a new course in our department (KIN 4xx1 Personal Trainer) that has previously been offered as a "Special Studies" course.</p> <p>This course has been used as a review for the National Council on Strength and Fitness exam. We have offered this as a "Special Studies" course for the past two spring semesters (2014 & 2015). We have had enrollment of 8 students the first year and 10 students the second year. The results of offering this course has been a 92% success rate on passing the Certified Personal Trainer exam.</p> <p>Catalog Description 4xx1. Personal Trainer This advanced elective course is designed to prepare students to integrate strength and conditioning knowledge and skills obtained in specific coursework and to apply this in preparation for the National Council on Strength and Fitness (NCSF) Personal Training certification exam. Students completing this course will have the opportunity to sit for the NCSF exam. Prerequisites: KIN 1003, KIN 1113, KIN 2093, KIN 3093, KIN 3023, and KIN 4043.</p> |
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| <p>Kinesiology and Leisure Studies</p> | <p>Delete KIN 2022 Basketball Coaching; KIN 2032 Football Coaching; KIN 3032 Coaching Individual Sports; KIN 3042 Coaching Team Sports; KIN 1101 Methods of Team Sports; KIN 1151 Methods of Elementary Swimming & Aquatics; KIN 2101 Methods of Golf; KIN 2121 Methods of Aerobics and Rhythms; KIN 2131 Methods of Tennis and Badminton; and KIN 2191 Methods of Recreational Activities. In addition, we are proposing the deletion of KIN 1012 First Aid. The course competencies for KIN 1012 First Aid will be rolled into the KIN 3013 Care and Prevention of Injuries.</p> <p>We are proposing to eliminate all of these methods and coaching courses and update our course offerings. The addition of the new courses will resolve our staffing issue and course offerings.</p> <p>Catalog Description</p> <p>Requirements for a major in Kinesiology and Leisure Studies (Recreation Emphasis): KIN 1003, 1113, 2xx3 or 22x3, 3013, 3073, 4013, 4023, 4601; LST 3013, 3023, 3033, 4842; CORE 2053.</p> <p>Requirements for a major in Kinesiology and Leisure Studies (Fitness Emphasis): KIN 1003, 1113, 2093, 2903, 3023, 3073, 4023, 4043, 4601; CORE 2053; choose three from DIET 2043, KIN 2xx3, 22x3, 3013, 4013, LST 3013.</p> <p>Requirements for a major in Kinesiology and Leisure Studies (Teaching Emphasis): KIN 1003, 1113, 2073, 2093, 2182, 2xx3, 22x3, 3002, 3013, 3023, 3073, 4013, 4043, 4073; CORE 2053. In addition, students must complete a second major in education as outlined on page 92.</p> <p><i>The proposal for changes to the major in Kinesiology and Leisure Studies (Teaching Emphasis) is conditional even if approved by the OBU faculty. The final approval for these changes will come from the state.</i></p> |
| <p>Kinesiology and Leisure Studies</p> | <ol style="list-style-type: none"> 1. Change the course content and activities of LST 3033 Backcountry Skills and Techniques from totally backcountry course content, activities, and learning environment to a “blended” setting of both front and backcountry content, activities, and learning environments (i.e. schools, churches, centers). 2. Change the name of LST 3033 Backcountry Skills and Techniques to LST 3033 Outdoor Skills and Techniques to reflect the content change. Also update the course description to better describe the changed course content and activities. 3. Add “ability to participate” as a prerequisite to the course description of LST 3023 Outdoor Adventure, to parallel the updated description of LST 3033. <ol style="list-style-type: none"> 1. A “blended” set of both front and backcountry content and activities is more appropriate for Kinesiology and Leisure Studies majors seeking an emphasis in recreation or recreation and sports ministry. This will allow students in the class opportunities to obtain experiential education opportunities more in line with future job opportunities. 2. LST 3033 Outdoor Skills and Techniques better describes the revamped course than LST 3033 Backcountry Skills and Techniques. 3. “Ability to participate” is an important prerequisite for both LST 3023 and LST 3033. <p>Catalog Description</p> <p>3023. Outdoor Adventure</p> <p>This course is designed to explore the foundations of adventure theory and wilderness leadership. Students learn how to teach outdoor leisure activities. Concepts of judgment, decision making, leadership, and environmentally sensitive practices are introduced. Required field trips include indoor climbing, hiking, and canoeing. Prerequisites: KIN 1003 or consent of instructor, ability to participate, and a demonstrated ability to swim. Spring of odd-numbered years.</p> <p>3033. Outdoor Skills and Techniques</p> <p>Study and application of knowledge and skills common to most outdoor activities, and ways in which such skills can be integrated in school, youth and adult activity programs. Prerequisites: KIN 1003, LST 3023, or consent of instructor plus a demonstrated ability to swim. Prerequisites: KIN 1003, LST 3023 or consent of instructor, ability to participate and a demonstrated ability to swim. Spring of even-numbered years.</p> |

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| <p>Kinesiology and Leisure Studies</p> | <p>Edit the major in Kinesiology and Leisure Studies (Pre-Professional Studies Emphasis) Place the * by BIOL 2014, BIOL 2024 to emphasis BIOL 1014 as a pre-requisite. Add NSCI 2001 Health Professions Seminar to the degree plan. Remove the requirement of KIN 2073 Health and Safety to the Pre-Professional Studies Emphasis program and replace this with the CORE menu of “Physical Well Being.”</p> <p>We want our students to know that they need to take BIOL 1014 before taking BIOL 2014 or BIOL 2024. NSCI 2001 (Health Professions Seminar) exposes students to careers in health professions and we think this information will be useful to our students. This change will affect the KLS Pre-Professional Program KIN 2073 Health and Safety is designed for the Teacher Education program in KIN; student’s feedback indicate the course is not relevant to their program of study.</p> <p>Catalog Description Note: a minor is not required with the emphasis. KIN 1003, 1113, 2093, 2903, 3013, 3023, 3073, 4013, 4023, 4043, 4601; BIOL 1014, 2014*, 2024*; NSCI 2001, 4002; DIET 2043; CORE 2053, and one course from BIOL 3014*, 3064*, 4054*, 4064*. *These courses have science prerequisites. (56)</p> |
| <p>Kinesiology and Leisure Studies</p> | <p>Delete CHMN 2023 Biblical Exegesis (fall, spring) from the course requirement for the EMPHASIS in Recreation and Sports Ministry program. Replace this specific requirement with “an additional CHMN course.”</p> <p>This course was a change recommended from the Pruet School of Christian Studies. This will affect the KLS Recreation and Sports Ministry Program.</p> <p>Catalog Description KIN 1003, 1113, 2903, 21X3 OR 22X3, 3073, 3013, 4013, 4023, 4601; LST 3013, 3023, 3033, 4842; COMP 1053 (39) ; 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 Speech Communication course SPCM 2043 or 3033. (27)</p> |
| <p>Kinesiology and Leisure Studies</p> | <p>We have edited the requirement for each minor in our department.</p> <p>The changes to the minors reflect the changes already proposed in the other long forms. This is a synopsis of the revisions for all minors.</p> <p>Catalog Description Requirements for minor in FITNESS=21 KIN 1003 Foundations of Kinesiology & Leisure Studies (fall, spring) KIN 1113 Fundamental Motor Development (fall, spring) KIN 2093 Structural Basis of Human Movement (fall, spring) KIN 3013 Care and Prevention of Injuries (fall, spring) KIN 3023 Physiology Of Exercise (spring) KIN 3073 Adapted KIN/LST Methods (fall, spring) One Course: KIN 2xx3 Methods of Teaching and Coaching Individual Activities (fall) KIN 22x3 Methods of Teaching and Coaching Team Activities (spring)</p> <p>KIN 1003, 1113, 2093, 3013, 3023, 3073, KIN 2XX3 OR 22X3. (21)</p> <p>Requirements for minor in RECREATION MINISTRY=23 LST 3013 Program Design and Management (spring) LST 3023 Outdoor Adventure (spring odd) LST 4842 Backpacking and Nature Awareness (fall, spring) KIN 3013 Care and Prevention of Injuries (fall, <u>spring</u>) THEO 1003 Spiritual Formation CHMN 1023 Introduction to Christian Ministry</p> |

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| | <p>CHMN 4323 Recreation Ministry One Course: KIN 2xx3 Methods of Teaching and Coaching Individual Activities (fall) OR KIN 22x3 Methods of Teaching and Coaching Team Activities (spring)</p> <p>LST 3013, 3023, 4842, KIN 3013, 2XX3 OR 22X3, THEO 1033, CHMN 1023, 4323. (23)</p> <p>Requirements for minor in COACHING=21 KIN 1003 Foundations of Kinesiology and Leisure Studies (fall, spring) KIN 1113 Fundamental .Motor Development (fall, spring) KIN 2093 Structural Basis of Human Movement (fall, spring) KIN 3013 Care and Prevention of Injuries (fall, spring) KIN 3023 Physiology of Exercise (spring) KIN 4013 Organization and Administration of. KIN/LST Programs (fall) One Course: KIN 2xx3 Methods of Teaching and Coaching Individual Activities (fall) OR KIN 22x3 Methods of Teaching and Coaching Team Activities (spring)</p> <p>KIN 1003, 1113, 2093, 3013, 3023, 2XX3 OR 22X3, 4013 (21)</p> <p>Requirements for minor in RECREATION=20 LST 3013 Program Design and Management (spring) LST 3023 Outdoor Adventure (spring odd) LST 4842 Backpacking/Nature Awareness (fall, spring) KIN 2xx3 Methods of Teaching and Coaching Individual Activities (fall) OR KIN 22x3 Methods of Teaching and Coaching Team Activities (spring) KIN 3013 Care and Prevention of Injuries (fall, spring) KIN 3073 Adapted KIN/LST Methods (fall, spring) KIN 4013 Organization and Administration of KIN/LST Programs (fall)</p> <p>LST 3013, 3023, 4842; KIN 2XX3 OR 22X3, 3013, 3073, 4013. (20)</p> |
| <p>Kinesiology and Leisure Studies</p> | <p>Change the name of the minor in Kinesiology to a minor in Fitness.</p> <p>This is consistent with a major in Fitness and also reflect the trend with our other majors and minors.</p> <p>Catalog Description Requirements for a minor in FITNESS KIN 1003, 1113, 2093, 3013, 3023, 3073, KIN 2XX3 OR 22X3. (21)</p> |
| <p>Kinesiology and Leisure Studies</p> | <p>Delete the Health minor.</p> <p>This minor is no longer needed. We have updated our 5 other minors and no longer need this. There are redundancy of courses with the other minors. Some of the same courses for the Kinesiology minor is already in place. This cleans up our catalog to reflect current and future trends.</p> |
| <p>Kinesiology and Leisure Studies Short form</p> | <p>Add the competencies from the KIN 1012 First Aid course into the KIN 3013 Care and Prevention of Injuries course. This minor change will require:</p> <ol style="list-style-type: none"> 1. Offering this course in both the fall and spring (currently just the fall semester); 2. Change the name from “Care and Prevention of Athletic Injury” to “Care and Prevention of Injuries” 3. Including American Heart Association (AHA) CPR, AED, and 1st Aid certification with appropriate course fee included (\$35). <p>This will enable us to eliminate the KIN 1012 First Aid course from our current catalog. By rolling those competencies and skills into the KIN 3013 course, we will strengthen the current content.</p> |

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| | <p>Catalog Description 3013. Care and Prevention of Injuries This is an advanced course designed for those seeking admission into a master’s degree program in athletic training, sports medicine, and health care professions. Using outcomes based curriculum, proven methods of sports injury evaluation, therapy and return to play decisions will be addressed. Laboratory times will focus on introducing the clinical skills necessary for admission to the above mentioned programs. Includes the opportunity for certifications in CPR, First Aid, and AED from the American Heart Association. Prerequisites: KIN 1003, 1113, 2093. Fall, Spring</p> |
| <p>Kinesiology and Leisure Studies Short form</p> | <p>Offer KIN 3073 Adapted Kinesiology and Leisure Studies Methods in both the fall and spring terms.</p> <p>The demand for special needs courses have increased. The increased load hours from offering this course each semester will be compensated by deleting other KIN courses (Coaching and Methods courses).</p> <p>Catalog Description 3073. Adapted Kinesiology and Leisure Studies Methods 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. Fall, Spring.</p> |
| <p>Kinesiology and Leisure Studies Short form</p> | <p>Edit the catalog description of KIN 2093 Structural Basis of Human Movement.</p> <p>Physical “activity” is a better descriptor than physical “education and sport.”</p> <p>Catalog Description 2093. Structural Basis of Human Movement A study of human movement from an anatomical perspective as it applies to physical activity. KIN/LST majors or permission of instructor. Fall, Spring.</p> |
| <p>Kinesiology and Leisure Studies Short form</p> | <p>Add 1-credit hour to the KIN 2902 Methods of Strength Training and Conditioning to create KIN 2903 Methods of Strength Training and Conditioning.</p> <p>By deleting the KIN 2121 Methods of Aerobics class, we will be moving the course content into the KIN 2902 Methods of Strength and Conditioning. This will increase the load to 3-credit hours.</p> <p>Catalog Description 2903. Methods of Strength Training and Conditioning A study of the methodology of teaching various strength and conditioning programs to prepare strength coaches, personal trainers, and health club professionals. Fall, Spring. Prerequisites: KIN 1003, 1113, 2093</p> |

Fine Arts

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| <p>Department of Music Theory/Composition</p> | <p>Add a new course, Introduction to Music Technology.</p> <p>The addition of this course reflects current needs and expectations of music majors preparing for jobs in music education and music ministry, other types of employment in music, and for graduate school.</p> <p>The introductory music technology course will help students learn to use digital notation for work in various music courses and for their other creative work.</p> <p>Many other institutions now require an introductory music technology course. Adding it to our curriculum helps Ouachita compete for music majors because of the course's popularity and because many students understand the need for this course.</p> <p>The addition increases our offerings in music technology, which is recommended by the National Association of Schools of Music.</p> <p>Catalog Description MUTH 1xx0.5 Introduction to Music Technology Introduction to uses of technology in musical settings with practical applications in digital music notation. The majority of the course work will be online and will be self-paced. Music major or consent of instructor. Noteflight software fee: \$30. Fall</p> <p><i>Add to the Freshman year of each music curriculum:</i> MUTH 1xx0.5 Introduction to Music Technology</p> <p><i>Add to the School of Fine Arts section of STUDENT EXPENSES: Expense Statement:</i> Noteflight software fee.....\$30</p> |
| <p>Division of Music, Department of Music Theory/Composition and proposed Department of Music Business</p> | <p>Establish the B.A. in Music Business</p> <p>Enrollment in music business programs has steadily increased throughout the U.S. and we have had numerous students inquire about the possibility of a music business major at Ouachita. Although there are notable music business programs at universities in some surrounding states, there are very few programs within Arkansas.</p> <p>BACHELOR OF ARTS IN MUSIC BUSINESS DEGREE A. Requirements for a major in Music Business (Performance, Recording, Songwriting, Film Scoring, Music Entrepreneurship Emphasis): Music Core: MUAP 1070 Performing Arts Class (Taken every semester until 8 credits are earned); MUAP 1101 Applied Piano, taken twice for a total of 2 hours, Keyboard concentration exempt. MUAP Applied Lessons for 6 semesters until 12 hours are earned, 2 of which must be Jr/Sr hours. MUTH 1002, 1012, 1022, 1032; MUSC 2021 Introduction to Musicology; MUSC 3223 (Music History 1) or FINA 3123 (Fine Arts: Music); FINA 4601.</p> <p>Other Voice Principal requirements: MUAP 1271, 1371 Vocal Diction 1, 2; MUED 3101 Choral Conducting 1; MUEN Ensembles (8 semesters). Other Keyboard Principal requirements: MUED 3101 or 3121 (Choral Conducting 1 or Instrumental Conducting 1); MUEN 1080.5 Piano Seminar (8 semesters); MUEN Ensembles (8 semesters). Other Guitar Principal requirements:</p> |

MUED 3101 *or* 3121 (Choral Conducting 1 *or* Instrumental Conducting 1); **MUAP** 2160.5 Guitar Seminar (8 semesters); **MUEN** Ensembles (8 semesters).

Other Instrumental Principal requirements:

MUED 3121 Instrumental Conducting 1; **MUAP** Instrumental Seminar (8 semesters, Applied instrument).
MUEN Ensembles (8 semesters).

Business Core: **ACCT** 2013 Principles of Accounting 1; **FINN** 1003 Personal Finance; **MKTG** 3033 Principles of Marketing; **MGMT** 3043 Organization Behavior and Management; **BUAD** 3003 The Legal Environment of Business.

Music Business Core: **MUBS** 1x3 Introduction to Music Business, 2x3 Introduction to the Recording Studio, 3x3 History of Commercial Music, 3x3 Copyright and Intellectual Property Law, 3x3 Music Publishing, 4x3 The Musician as Entrepreneur, 4x3 Internship in the Music Industry.

Other Performance Emphasis requirements:

MUAP 4x3 Applied Music (2 semesters); **MUTH** 2x3 Introduction to Songwriting; **MUED** 3201 *or* 3221 (Choral Conducting 2 *or* Instrumental Conducting 2); Music electives sufficient for the minimum requirements of 120 total hours and 39 Jr/Sr hours.

Other Recording Emphasis requirements:

MUTH 2042 Aural Skills 3, 2062 Theory 3; **MUBS** 3x3 Advanced Recording Techniques, 4x3 Music Production Practicum.

Other Songwriting Emphasis requirements:

MUTH 2x3 Introduction to Songwriting, 3x3 Advanced Songwriting, 2000.5 Songwriting Practicum (6 semesters), 3x3 Instrumentation and Arranging

Other Film Scoring Emphasis requirements:

MUTH 2062 Theory 3, 2072 Theory 4, 3222 Orchestration, 3x3 Film Scoring 1, 4x3 Film Scoring 2.

Other Music Entrepreneurship Emphasis requirements:

ENTR 3003 Innovation and Entrepreneurship; **Select two from:** **ENTR** 3013 Social Entrepreneurship, 3023 Managing the Family Business, 4033 Entrepreneurial Finance, 4053 Business Plan Development; Music electives sufficient for the minimum requirements of 120 total hours and 39 Jr/Sr hours.

Catalog Descriptions

MUBS 1x3 Introduction to Music Business

An introduction to the history of the music business with a survey of business practices and career opportunities. Fall

MUBS 2x3 Introduction to the Recording Studio

An overview of the theory and practice of music recording, with emphasis on modern recording studio practices, including microphone placement, console and signal flow, editing, signal processing and live recording. Fall

MUBS 3x3 Copyright and Intellectual Property Law

An introduction to copyright law and its application to creative works. Music Business majors only or permission of instructor. Spring
Prerequisite: MUBS 1x3 Introduction to Music Business

MUBS 3x3 Music Publishing

An introduction to music publishing, including composer/arranger contracts, licensing, print publishing, and copyright acquisition. Fall
Prerequisite: MUBS 1x3 Introduction to Music Business

MUBS 3x3 History of Commercial Music

Commercial music from the late nineteenth century to today, with emphasis on commercial music in the United States since 1950. Spring

MUBS 3xx3 Advanced Recording Techniques

Further development of microphone techniques, use of processing equipment and multi-track digital recording, effects, MIDI and video/audio interlock. Spring
Prerequisite: MUBS 2xx3 Introduction to the Recording Studio

MUBS 4xx3 The Musician as Entrepreneur

The development of a successful freelance career in music business, including the basics of running a one-person business, lifestyle considerations, personal and professional financial management, and the exploitation of potential income streams. Spring
Prerequisite: MUBS 1xx3 Introduction to Music Business

MUBS 4xx3 Internship in the Music Industry

Participation as an intern producing work for a business, civic, or educational organization. Placement and proposed work plan must be approved by the Music Business faculty. Fall, Spring, Summer
Prerequisites: Music Business major with senior standing.

MUBS 4xx3 Music Production Practicum

In-depth experience in the music production process, with emphasis on pre-production, programming, loop-based production techniques, instrumental and vocal tracking, editing, pitch correction, mixing, and mastering. Fall
Prerequisite: MUBS 3xx3 Advanced Recording Techniques

MUTH 2xx3 Introduction to Songwriting

Explores classic and contemporary songwriting techniques. Students will be introduced to lyricism while developing a strong sense of form, melody, harmony, and style. Fall
Prerequisite: MUTH 1032 Music Theory 2

MUTH 2xx0.5 Songwriting Practicum

A weekly seminar for Music Business–Songwriting majors dedicated to student and faculty performances, various discussion topics, master classes, guest artists, and workshops. Fall, Spring
Prerequisite: MUTH 1032 Music Theory 2, major in Music Business—Songwriting or consent of the instructor

MUTH 3xx3 Advanced Songwriting

A continuation of Introduction to Songwriting with more in-depth focus on “hooks,” as well as proper assimilation of lyrics and melody within more complex song structures, including expanded harmonies, intricate form, and modulation. Spring
Prerequisite: MUTH 2xx3 Introduction to Songwriting

MUTH 3xx3 Instrumentation and Arranging

This course is designed to expose Music Business–Songwriting majors to idiomatic tendencies of orchestral and rhythm-section instruments, while providing experiences and solutions in arranging for recording and performance. Spring
Prerequisite: MUTH 1032 Music Theory 2

MUTH 3xx3 Film Scoring 1

A workshop presenting aesthetic, technical and psychological issues of film music, as it relates to the realization of student scoring projects. Spring
Prerequisite: MUTH 2072 Music Theory 4

MUTH 4xx3 Film Scoring 2

A continuation of Film Scoring 1, providing an historical, genre-based overview of the diverse aesthetics that shape film music, as well as scoring for short video/film cues. Fall
Prerequisite: MUTH 3xx3 Film Scoring 1

| <p>Division of Music, Department of Music Theory/Composition and proposed Department of Music Business</p> | <p>Establish a minor in Music Business</p> <p>The addition of a music business major will allow the Division of Music to offer this proposed minor in an area that has experienced enrollment growth nationwide.</p> <p>Catalog Description</p> <table border="1" data-bbox="370 331 1443 621"> <thead> <tr> <th colspan="2"></th> <th>Credit Hours</th> <th>Jr/Sr Hours</th> </tr> </thead> <tbody> <tr> <td>MUBS 1xx3</td> <td>Introduction to Music Business</td> <td>3</td> <td></td> </tr> <tr> <td>MUBS 3xx3</td> <td>History of Commercial Music</td> <td>3</td> <td>3</td> </tr> <tr> <td>MUBS 2xx3</td> <td>Introduction to the Recording Studio</td> <td>3</td> <td></td> </tr> <tr> <td>MUBS 3xx3</td> <td>Copyright and Intellectual Property Law</td> <td>3</td> <td>3</td> </tr> <tr> <td>MUBS 3xx3</td> <td>Music Publishing</td> <td>3</td> <td>3</td> </tr> <tr> <td>MUBS 4xx3</td> <td>The Musician as Entrepreneur</td> <td>3</td> <td>3</td> </tr> <tr> <td colspan="2">TOTAL</td> <td>18</td> <td>12</td> </tr> </tbody> </table> <p>All course descriptions are included in the proposal for a new major in Music Business.</p> | | | Credit Hours | Jr/Sr Hours | MUBS 1xx3 | Introduction to Music Business | 3 | | MUBS 3xx3 | History of Commercial Music | 3 | 3 | MUBS 2xx3 | Introduction to the Recording Studio | 3 | | MUBS 3xx3 | Copyright and Intellectual Property Law | 3 | 3 | MUBS 3xx3 | Music Publishing | 3 | 3 | MUBS 4xx3 | The Musician as Entrepreneur | 3 | 3 | TOTAL | | 18 | 12 |
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| | | Credit Hours | Jr/Sr Hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUBS 1xx3 | Introduction to Music Business | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUBS 3xx3 | History of Commercial Music | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUBS 2xx3 | Introduction to the Recording Studio | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUBS 3xx3 | Copyright and Intellectual Property Law | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUBS 3xx3 | Music Publishing | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MUBS 4xx3 | The Musician as Entrepreneur | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 18 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Department of Music Theory/Composition Short form</p> | <p>Change courses specific to the Bachelor of Music in Composition degree to On Demand.</p> <p>Although we no longer offer a Bachelor of Music in Composition, there are students who continue to take Applied Composition lessons. These courses are structured sequentially giving students multiple opportunities to take composition lessons. They also give our music students upper-level music elective choices. Since we have current students taking these courses and will use them for their music electives, we have chosen to change these courses to On Demand, instead of removing them from the catalog.</p> <p>Catalog Description</p> <p>Courses that need to be changed to On Demand in the 2016-2017 OBU catalog under the heading Department of Theory and Composition (MUTH):</p> <p>MUTH 2082 Introduction to Composition MUTH 2092 Applied Composition 1 MUTH 3172 Applied Composition 2 MUTH 3182 Applied Composition 3 MUTH 3762 Counterpoint in the 16th Century MUTH 3782 Counterpoint in the 18th Century MUTH 4202 Applied Composition 4 MUTH 4212 Applied Composition 5 MUTH 4302 Applied Composition 6 MUTH 4312 Applied Composition 7</p> <p>In addition: One sentence needs to be removed in the course description of MUTH 2082 Introduction to Composition: Remove “The first course in a sequence for music majors pursuing the BM in Composition.”</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Department of Visual Arts Short form</p> | <p>Change ART3433, History of Graphic Design from every Spring to Spring of even-numbered years.</p> <p>Offering course every other year will allow faculty to address other course offering needs.</p> <p>Catalog Description</p> <p>3433 History of Graphic Design.</p> <p>This course will be a survey of the history of graphic communications from the invention of movable type to the current digital revolution. Students will learn about the major designers and movements from the Renaissance to the Present day, and explore the technologies and the historical contexts that influenced them. Spring of even-numbered years.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Humanities

English

1. Alter the following requirements for the English (Teaching Emphasis) degree:

- a) delete ENGL 2073/Literary Criticism
- b) delete ENGL 4903/Senior Literature Seminar
- c) delete the additional area requirement of six hours of foreign language
- d) add ENGL 3011 Writing Center Practicum I and 3021: Writing Center Practicum II (these are new courses)
- e) add ENGL 4073: Linguistics as an option to ENGL 4023 History of the English Language. One of the two is required.

2. Add ENGL 3783: Mythology to the options for fulfilling the world literature requirement for the English (Teaching Emphasis) degree.

As for (1), we are making these changes to the English (Teaching Emphasis) major based on feedback from the Spring 2015 external review, feedback from Ms. Beverly Slavens (our adjunct instructor and advisor for the English with Teaching Emphasis degree), and from assessment data. The deletions in 1a-c prepare students more specifically for their jobs as high school teachers within a more manageable 121 hours.

Furthermore, the deletion of Senior Literature Seminar is proposed because students in English education usually student teach in the spring semester of their senior year, forcing them to take the Senior Literature Seminar as juniors, putting them at a disadvantage compared to other students (and creating additional stress).

We are adding *Linguistics* as an option to the English major with Teaching Emphasis because it prepares students for teaching English as a Second Language (ESL).

We are adding *Mythology* as an option to the world literature requirement because this course fulfills the learning outcomes and we've been accepting it for the past few years when the course was offered On Demand. In fact, when we added this course to the curriculum last year, we adding it to the list of option in the English major, but neglected to include this change for the English with Teaching Emphasis degree.

As for (2), this is an editorial change, tidying up the catalog from last year's curriculum change.

Catalog Description

In the Department Of Language and Literature section (page 140)

The degree requirements for English (Teaching Emphasis), will read as follows: Three hours from CORE 2233, ENGL 3703-3793, 3783, or an approved literature course in a foreign language; ENGL 2013, 2023, 3003, 3103, 3113, 3303, 3633, 3643, 3653, 4013; either 3073 or 4023; three hours from 4223, 4233, or 4243. In addition, students must complete a second major in Secondary Education as outlined on page 93.

ENGL 3011: Writing Center Practicum I

Students in the English Education major will serve as consultants in the Speer Writing Center. Students will attend a one-hour per week training meeting and will work as tutors in the Writing Center three hours per week. Other practicum duties may include readings/discussions on tutoring of writing, reflective journals/writing, and required sessions as tutees in the Writing Center. Pre-requisite: ENGL 2013. **Fall.**

ENGL 3021: Writing Center Practicum II

Students in the English Education major will serve as consultants in the Speer Writing Center. Students will attend a one-hour per week training meeting and will work as tutors in the Writing Center three hours per week. Other practicum duties may include readings/discussions on tutoring of writing, reflective journals/writing, and required sessions as tutees in the Writing Center. Pre-requisite: ENGL 3011. **Spring.**

In the Secondary Education section (page 94)

ENGLISH

Three hours from CORE 2233, ENGL 3703-3793, 3783, or an approved literature course in a foreign language; ENGL 2013, 2023, 3003, 3103, 3113, 3303, 3633, 3643, 3653, 4013; either 3073 or 4023; three hours from 4223, 4233, or 4243.

This proposal is conditional even if approved by the OBU faculty. The final approval for these changes will come from the state.

Natural Sciences

| | |
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| Biology Short form | <p>Change BIOL 1014 General Biology (Zoology) to BIOL 1014 General Biology I and change BIOL 1024 General Biology (Botany) to BIOL 1024 General Biology II.</p> |
| | <p>Many students graduating with a Biology major or minor are planning to enter a healthcare profession. Several of the post-graduate health professions institutions that our students apply to require “General Biology I and II” as prerequisite courses and are unwilling to accept BIOL 1024 General Biology (Botany) as a prerequisite course. As a result, our students are forced to take an additional course beyond the major requirements to satisfy the prerequisite courses for these health professions institutions.</p> |
| | <p>Since General Biology I and II are the preferred prerequisite courses for these health professions institutions, we propose to change the names and course topic distributions of BIOL 1014 General Biology (Zoology) and BIOL 1024 General Biology (Botany) to BIOL 1014 General Biology I and BIOL 1024 General Biology II.</p> |
| | <p>Catalog Description BIOL 1014. General Biology I. This course is fundamental for biology majors who wish to take advanced biology courses. This course explores biological concepts and processes, including the historical basis for science, the scientific method, biological terminology and basic principles of biology as they relate to cell structure, cellular respiration, cell division, the central dogma, basic genetics, evolutionary theory, and animal physiology. Three hours lecture and three hours laboratory. Fall, Spring.</p> |
| | <p>BIOL 1024. General Biology II. This course provides a foundation for biology majors taking advanced biology courses. This course explores biological and ecological concepts and processes, including the kingdoms of living things, cell structure, photosynthesis, plant anatomy and function, ecosystem and evolutionary processes, environmental and anthropogenic influences on living things. Three hours lecture and three hours laboratory. Fall, Spring.</p> |
| Biology Short form | <p>Change BIOL 4001, Research Capstone, to BIOL 4xx2, Research Capstone.</p> |
| | <p>In preparing for program review, the Biology department has begun to closely examine all of our courses. The amount and quality of independent work being done for the Research Capstone is outstanding. With the addition of the liberal arts focus, we think that this independent work is best represented by two credit hours and now realize that we should have made the Research Capstone a two credit course.</p> |
| | <p>Catalog Description 4xx2. Research Capstone. This capstone is designed to provide a faculty-mentored lab or field-based research experience that will not only allow students to demonstrate proficiency in scientific skills and content, but also 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. Students will be expected to collect experimental data and produce a scientific manuscript incorporating a primary literature review, specific aims and methodology, data and analysis, and significance in a scientific and societal context. Students will also produce and present either an oral or poster presentation of their work to a varied audience. Additionally, students will complete the Major Field Test in Biology. Students are strongly encouraged to complete this requirement prior to the last semester of their senior year. Fall, Spring, Summer.</p> |
| Biology Short form | <p>Move BIOL 4013, Histology and Microtechniques, from Spring to Fall. Move BIOL 4243, Infectious Disease, from Spring of odd years to Fall of odd years.</p> |
| | <p>Last year, BIOL 3014 Microbiology was moved from Fall to Spring. In an effort to balance the number of upper-level Biology courses between both semesters, we are proposing to move BIOL 4013 Histology and Microtechniques to Fall and BIOL 4243 Infectious Disease to Fall of even years.</p> |

Current Distribution of Jr/Sr BIOL courses

| Fall | Spring |
|---------------------------------|--|
| Ecology (3034) | Microbiology (3014) |
| Cell & Molecular Biology (4064) | Neuroscience (3064) |
| Environmental Science (3023) | Intro to Wildlife Cons. & Manag. (3663) alternating with Env. Science (3023) |
| | Bioinformatics (3683) |
| | Tropical Ecology (3863) or other travel studies course |
| | Histology & Microtechniques (4013) |
| | Genetics (4054) |
| | Infectious Disease (4243, Spring of odd years) |

Proposed New Distribution of Jr/Sr BIOL courses

| Fall | Spring |
|---|--|
| Ecology (3034) | Microbiology (3014) |
| Cell & Molecular Biology (4064) | Neuroscience (3064) |
| Environmental Science (3023) | Intro to Wildlife Cons. & Manag. (3663) alternating with Env. Science (3023) |
| Histology & Microtechniques (4013) | Bioinformatics (3683) |
| Infectious Disease (4243, Fall of even years) | Tropical Ecology (3863) or other travel studies course |
| | Genetics (4054) |

Catalog Description**4013. Histology and Microtechniques.**

Lecture and laboratory dealing with primary tissues of vertebrate animals. A practical course for laboratory technicians, pre-medical students, and other Biology students. Prerequisite: BIOL 2014 and 2024 or consent of instructor. **Fall.**

4243. Infectious Disease.

This course is meant to cover general and specific principles of immunology, epidemiology, pathogenic microbiology, and parasitology. The course relies heavily on student interpretation of scientific literature. Prerequisite: BIOL 3014 or 2604, eight hours of Chemistry, Junior Standing. **Fall of Even years.**

Mathematics and Computer Science**Add CSCI 4xy1-4xy2: Laboratory Teaching Internship**

We typically use a student worker position for a teaching assistant in Programming 1 labs and Programming 2 labs. Sometimes the most capable student is on a full scholarship or is not eligible for Federal work study. We would like to have the ability to offer such students senior-level credit in lieu of work study hours. We are modeling this class on the Biology class with the same title.

Catalog Description**CSCI 4xy1-4xy2. Laboratory Teaching Internship**

Student interns will assist the instructor in the instruction of a laboratory course. Interns will engage in individual and small group instruction during laboratory, will be prepared to answer questions related to weekly lab exercises, and may assist in the preparation, administration, and grading of lab assignments and exams. Student interns may be required to design a laboratory exercise and/or create exam questions. A limit of two hours of teaching internship credit may be applied to the requirements for a major or minor. Prerequisites: Permission of instructor. **On Demand.**

Nutrition and Dietetics**Change the requirements for a minor in Nutrition and Dietetics to allow more flexibility for students.**

Students pursuing a minor in Nutrition and Dietetics are currently required to take specific courses. The proposed change will allow students to choose courses from a menu. This will allow more flexibility for students.

Catalog Description

Requirements for a minor in Nutrition and Dietetics: DIET 1001, 3053 and at least 14 additional hours in the Department, selecting from these courses: DIET 2002, DIET 2043, DIET 3083, DIET 3093, DIET 3203, DIET 3402, DIET 4013, DIET 4051, DIET 4063, and DIET 4092.

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| <p>Physics</p> | <p>Change the catalog description for PHYS 1121 Introduction to Physics and Engineering to reflect that the course is for a grade rather than Satisfactory-Unsatisfactory as is currently listed in the catalog.</p> <p>The physics department recently attended a workshop on how to build a thriving undergraduate physics program. There we learned the importance of the freshman seminar. Based on what we have learned, we have added content to this course. With these changes, we believe it is important for the students to receive a letter grade for the work they complete in the course.</p> <p>Catalog Description PHYS 1121. Introduction to Physics and Engineering An introduction to the fields of Physics and Engineering designed to introduce students to the wide variety of career paths available and the skills necessary to work in a particular field. Discussion on practical topics such as engineering failures and ethics will also be included. Fall.</p> |
| <p>Physics</p> | <p>Allows students to take EITHER ENGL 3013 Technical & Professional Writing or CORE 2053 Composition II to satisfy the Writing 2 requirement for Physics majors.</p> <p>Engineering schools have updated their requirements to require Composition II, no longer allowing Technical Writing to substitute for Comp II. In contrast, most Physics graduate programs prefer Technical and Professional Writing. Specifying both ENGL 3013 Technical and Professional Writing and CORE 2053 Composition II as permitted Writing 2 courses will give our students more flexibility, based on their plans after OBU. We will still encourage Physics majors to take Technical writing, but this change will allow us to give credit for Comp II as the Writing 2 requirement if an engineering student switches degrees to Physics or if we have transfer students who already have a Comp II credit.</p> <p>Catalog Description All ENGL 3013 entries in every degree would be replaced with ENGL 3013 or CORE 2053</p> |
| <p>Physics</p> | <p>1. Change Physics BA degree requirements from “PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 3034, 4003, 4601, two additional courses in physics, one of which must be at the Junior-Senior level, for a minimum of twenty-four hours...” to “PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 3034, 4003, 4043, 4601 and one additional course in Physics for a minimum of twenty-five hours”</p> <p>2. Clarify math requirements from “MATH 2014, 2024” to “MATH 2014, 2024, 3034, 3043”.</p> <p>1. In order that students become versed in the foundations of Physics, PHYS 4043 Introduction to Quantum Mechanics was added to the required list of courses for the BA Physics degree.</p> <p>The current BA requirements include 1 additional Jr/Sr course plus 1 course, for a minimum of 24 hours above the courses specifically required. The current required classes add up to 21 hours. Thus, if a student wanted to meet the minimum of 24 hours, they had to take Engineering Graphics (2 hr) and Physics Research (1 hr).</p> <p>The original idea behind “1 additional Jr/Sr course plus 1 course” was to let students choose a 3-4 hour upper level PHYS course and 1 lower level PHYS course of any kind. To clarify/correct this issue, we added PHYS 4043 Introduction to Quantum Mechanics (upper level course) as a requirement (see above) and upped the minimum hours required to 25, which means a student can take ANY other PHYS course to meet the requirement (upper or lower level).</p> <p>2. Currently, the BA Physics catalog description lists only MATH 2014 and 2024 (Calculus 1 & 2). However, two of the Physics courses required for the Physics BA have additional math pre-req’s—PHYS 3034 Electricity & Magnetism requires MATH 3034 Calculus 3 and PHYS 4043 Introduction to Quantum Mechanics requires MATH 3043 Differential Equations.</p> |

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| | <p>In order to make it clear to students what additional math courses will be required, we decided to list ALL the math courses needed for the BA Physics degree in the catalog description.</p> <p>Catalog Description Requirements for a B.A. in Physics: PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 3034, 4003, 4043, 4601 and one additional course in Physics for a minimum of twenty-five hours; MATH 2014, 2024, 3034, 3043; ENGL 3013 or CORE 2053.</p> |
| <p>Physics</p> | <p>The Physics department, in conjunction with the Math and Education departments, proposes a new Physics/Mathematics (Teaching Emphasis) major and degree for students interested in being licensed to teach math and physics at the secondary level.</p> <p>In 2012, the Arkansas Department of Education introduced a new combined licensure area in Physics/Mathematics. This new licensure was meant to help address the critical need Arkansas has in filling physics and math positions across the state. It was observed at the state level that physics majors were taking a large number of math courses as a part of their regular degree. However, most were not enrolling in the traditional physics licensure program because of the large number of additional science courses required (including biology and chemistry). Desperate school districts often placed physics prepared teachers in a biology or chemistry classroom with very little background. The state sought to rectify this issue by combining physics and math into a combined licensure program and removed the other science requirements. The state requires a minimum of 30 hours combined in physics and math along with an Education degree for the new Physics/Mathematics licensure.</p> <p>For our proposal, we have more than 30 hours in part due to the need for background in both math and physics, but also because of the number of classes needed to satisfy the licensure competencies required by the state (http://www.arkansased.gov/public/userfiles/HR_and_Educator_Effectiveness/Educator_Prep/Competency_PDFs_81214/Physics_Math_7_12_081514.pdf).</p> <p>We had originally planned to consider this degree in the future, but with the completion of our self-study and interest in the degree by current freshman, we felt the need to push the submission forward. Our department attended a workshop on building a thriving physics department and one of the key points made was that variety in degree paths is critical to increasing the number of majors. The other key point was that ALL the thriving departments mentioned in the discussion at the workshop had an educational degree program, and in many cases, was the degree with the most majors. In the last three years, we have had at least 1 or two students each year express interest in teaching, which is why we decided to pursue this sooner rather than later.</p> <p><i>However, it should be pointed out that this proposal is conditional even if approved by the OBU faculty. The final approval for this new degree to be listed in our catalog comes from the state. It may be necessary to make some adjustments to this proposal due to state recommendations that will need to be voted on again by the faculty in April.</i> But before we can submit our proposal to the state, it MUST be approved by OBU. The time frame for state approval is 1 to 3 months, which is still sufficient time to have this degree listed in the 2016-2017 catalog once all conditions and approvals are met.</p> <p>We are excited about this degree because as of August 2015, only 1 school in the state of Arkansas has a physics/math licensure degree and that is the U of A in Fayetteville. In addition, there are currently NO physics only licensure granting institutions in the state of Arkansas.</p> <p>Catalog Description Requirements for a B.A. in Physics/Mathematics (Teaching Emphasis): PHYS 2054, 2064, 3004, 4023, and at least 9 additional hours in Physics, 6 hours of which must be at the Junior-Senior level, for a minimum of 24 hours; MATH 2014, 2024, 3003, 3034, 3063, 3083, 4013, 4483. CSCI 1044. EDFN 2003, 2053, 4083, 4123, 4402, 4405, 4415; SCED 3043, 4523.</p> |

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| <p>Physics</p> | <p>The Physics department seeks to add a new Applied Physics BA degree</p> <p>After the physics department attended a recent workshop on building a thriving undergraduate program, one of the key features of growing departments was variety in degree paths. The only BA we currently have in the catalog (BA Physics) is specifically designed for students who declare a Physics major early, plan on some sort of technical career path or graduate school, or wish to combine Physics with another science degree.</p> <p>There has been a need for a BA degree in physics for a while now that services students who convert to Physics late in their academic career or transfer into Physics and do not have the time to complete a full degree. This degree is intended for those students—students who want more than a minor and desire the problem solving skills a Physics major develops, but have designs of pursuing other career paths. Another important reason to include this alternate BA degree is that its increased flexibility fits with the Physics department’s every other year offering of most upper level classes. For our more traditional Physics BA, it has proved difficult to get the required courses offered in a timely manner for some students, particularly if they add a Physics degree late in their college career. This new degree is specifically designed to maintain the integrity of the department’s standards while giving maximum flexibility in course requirements, allowing students to complete the required 25 hours within the confines of the Physics biennial course offerings.</p> <p>Catalog Description Requirements for a B.A. in Applied Physics PHYS 1121, 2054, 2064 (or 2024, 2034), 3004, 4601, and at least 11 additional hours in Physics, 8 hours of which must be at the Junior-Senior level, for a minimum of twenty-five hours; MATH 2014, 2024, 3034; ENGL 3013 or CORE 2053. This degree is not intended to be a graduate school preparatory degree; thus, students must complete a second major.</p> |
| <p>Physics</p> | <p>Add a B.S. Biophysics degree with Chemistry or Mathematics minor. Add a new course Biophysics Seminar cross-listed in PHYS 3xx1, BIOL 3xx1, BIOM 3xx1</p> <p>Both Physics and Biology students in recent years have expressed interested in a Biophysics degree. These students have been advised to double major if they have time in their schedule or minor in their secondary field. While at a conference on building a thriving undergraduate physics program, the Physics department faculty learned about the new trend of offering a Biophysics degree to meet the needs of today’s students as well as improve a Physics department. At the workshop, it was noted that a Biophysics degree provided students unique abilities to combine their science knowledge and various career opportunities after graduation. Students in this degree will take a significant number of hours in math, chemistry, physics and biology, so we believe that this degree reflects the importance of OBU’s liberal arts education – granting a degree that allows students to become well-versed in several different sciences. This will provide the students with a broad background so that they will be prepared for many different career opportunities such as medical school, graduate school in biophysics, physics, medical physics, etc.</p> <p>In developing this degree, the Physics faculty reviewed Biophysics programs at 20 other institutions, both large and small. The requirements for the Biophysics major in each school were tallied and a clear consensus of required courses was obtained. The requirements for this proposed degree match the consensus requirements found. Currently, the only other undergraduate Biophysics program in the state of Arkansas is at the University of Arkansas. This presents us with the opportunity to be the second institution in the state offering this degree.</p> <p>In 2014-2015, the Physics department carried out a departmental review. A strategic plan was formulated based on this review. Part of the strategic plan includes the addition of alternative degree tracks, including the Biophysics degree in order to meet the needs of our students and prepare them for their future careers.</p> <p>A new Biophysics Seminar course is proposed to expose students to current topics in biophysics. The newly created Medical Physics course will assist students in discovering the overlap between physics and biology, but in this seminar, students will research the current happenings within biophysics.</p> <p>Catalog Description Requirements for a B.S. in Biophysics: PHYS 1121, 2054, 2064, 3004, 3xx1, 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</p> |

4023 or MATH 2063; MATH 2014, 2024, 3034, 3043; ENGL 3013 or CORE 2053; and one research credit hour from either BIOL 4001, CHEM 4511, or PHYS 4801.

BIOL 3xx1. Biophysics Seminar

This seminar will expose students to current topics in biophysics. Prerequisite: PHYS 2034 or PHYS 2064. **On Demand.**

BIOM 3xx1. Biophysics Seminar

This seminar will expose students to current topics in biophysics. Prerequisite: PHYS 2034 or PHYS 2064. **On Demand.**

PHYS 3xx1. Biophysics Seminar

This seminar will expose students to current topics in biophysics. Prerequisite: PHYS 2034 or PHYS 2064. **On Demand.**

**Physics
Short form**

1. Change the frequency of the offering of PHYS 2123 Statics from “Fall” to “Spring”.

2. Change the frequency of the offering of PHYS 2133 Dynamics from “Spring of even-numbered years” to “On Demand”.

3. Change the frequency of the offering of PHYS 3004 Introduction to Modern Physics from “Fall of even-numbered years” to “Fall” so that it will be offered every fall.

4. Change the frequency of the offering of PHYS 4023 Thermodynamics from “Spring of even-numbered years” to “Fall of even-numbered years”.

1. PHYS 2123 Statics

Moving Statics to the spring helps distribute courses required for a major more evenly throughout a student’s schedule. It also allows students the opportunity to experience an engineering course earlier in their schedule (like spring of their sophomore year instead of fall of their junior year) since they could take it in the same semester as University Physics 2. This should provide them a better sense of what classes in their major are like and connect them with their peers. It will also compensate load changes due to the proposed change to PHYS 3004 Introduction to Modern Physics.

2. PHYS 2133 Dynamics

In recent years, students have chosen to take Strength of Materials instead of Dynamics. To increase flexibility and meet the needs of the majors and minors, it would be best if we could offer Dynamics as “On Demand” so that it could be alternated with Strength of Materials when needed. This change allows us to offer the course as needed within a two year span based on enrollments and to help compensate for teaching loads.

3. PHYS 3004 Introduction to Modern Physics

Introduction to Modern Physics is a required course for every physics major as well as physics minors. This course needs to be offered every fall to accommodate these students, especially minors who may enter our program later in their undergraduate career and not have the flexibility to wait until it was offered again. The frequency of the offering of PHYS 2123 Statics will be changed to compensate for changes in load due to this proposed change.

4. PHYS 4023 Thermodynamics

Moving this course to fall of even-numbered years helps more evenly distribute our upper-level courses across a student’s junior and senior years. It will also be necessary for the proposed physics/math licensure degree. The students completing the licensure will need to do student teaching spring of their senior year and if that happened to be spring of an even-numbered year, they would not be able to take Thermodynamics, which is a required course for that degree. This change fits with other proposed changes and helps to compensate teaching loads as well.

Catalog Description

PHYS 2123. Statics

<keep wording>

Spring.

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| | <p>PHYS 2133. Dynamics <keep wording> On Demand.</p> <p>PHYS 3004. Introduction to Modern Physics <keep wording> Fall.</p> <p>PHYS 4023. Thermodynamics <keep wording> Fall of even-numbered years</p> |
| <p>Physics Short form</p> | <p>Change PHYS 4601 Senior Capstone Experience to make it open to selected Juniors and Seniors instead of just Seniors.</p> <p>Students completing our Arts-Engineering Dual-Degree Program are only residential for three years, so these students will need to complete this course during their junior year. Students completing other degrees within Physics will continue to take this capstone course their senior year.</p> <p>Catalog Description PHYS. 4601 Senior Capstone Experience This course will integrate knowledge and skills from physics with the broader liberal arts experience students gain through the Ouachita Core. Students will engage in elements of professional preparation in addition to participating in an exit exam. Open only to senior Physics students, or by permission of instructor. May not be counted toward a minor. Fall.</p> |

Social Sciences

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| <p>History Short form</p> | <p>The American Civilization committee and the Interdisciplinary Studies Committee replaced the American Civilization course with “United States History to 1877” and “United States History Since 1877” for the Civic Engagement in America menu of the Ouachita CORE program in 2014. Of course, students would still take one course from the menu. Since the two United States History courses were now part of the CORE, and we anticipated needing to offer at least 3 sections per semester, we decided to offer each in the Fall and Spring. This was not necessary, but made sense since we planned to offer 3 sections.</p> <p>Well, it turns out that we will usually need no more than two sections per semester, as Political Science is offering two sections of American National Government. In order to limit the number of preps for the professors in this department, we would like to revert back to the old schedule for the two US courses: this form is submitted specifically to change the time offering of “United States History to 1877” back to Fall.</p> <p>Since both United States History courses are part of the CORE, this change will not adversely affect students. They can take either course. Of course, we would still like to offer both in the same semester on occasion—when we can reasonably do so.</p> <p>Catalog Description 2003. United States History to 1877. Survey of the interplay of forces that have brought the evolutionary development of American economic, cultural, and political institutions from 1492 to 1877. Fall.</p> |
| <p>History Short form</p> | <p>The American Civilization committee and the Interdisciplinary Studies Committee replaced the American Civilization course with “United States History to 1877” and “United States History Since 1877” for the Civic Engagement in America menu of the Ouachita CORE program in 2014. Of course, students would still take one course from the menu. Since the two United States History courses were now part of the CORE, and we anticipated needing to offer at least 3 sections per semester, we decided to offer each in the Fall and Spring. This was not necessary, but made sense since we planned to offer 3 sections.</p> <p>Well, it turns out that we will usually need no more than two sections per semester, as Political Science is offering two sections of American National Government. In order to limit the number of preps for the professors in this department, we would like to revert back to the old schedule for the two US courses: this form is submitted specifically to change the time offering of “United States History Since 1877” back to Spring.</p> <p>Since both United States History courses are part of the CORE, this change will not adversely affect students. They can take either course. Of course, we would still like to offer both in the same semester on occasion—when we can reasonably do so.</p> <p>Catalog Description 2013. United States History Since 1877. Survey of the interplay of forces that have brought the evolutionary development of American economic, cultural and political institutions from 1877 to the present. Spring.</p> |