

College of Arts & Sciences Faculty Meeting

Thursday, December 14, 2023

3:30 p.m. – 5:00 p.m.

Nebraska Union, Platte River Room

AGENDA

1. Call Meeting to Order
 - a. Election of Faculty Secretary (two academic year term)
 - b. Appointment of Parliamentarian
2. Approval of Minutes from the Spring Faculty Meeting held on May 11, 2023. See Appendix, pages 2-5
3. College Updates and information items
4. Notification from the Dean and the College Curriculum and Advising Committee regarding policy on offering Special Topics Courses See Appendix, page 6.
5. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes for the 2024-2025 Undergraduate Catalog. See Appendix, pages 7-36.
 - a. Discontinue **Intercollege Studies Agreements** between the College of Arts and Sciences and the College of Fine and Performing Arts and the College of Journalism and Mass Communication. See Appendix, page 7.
 - b. Changes in **College Course Restrictions** – increasing hours from ROTC credit and military coursework for system-wide consistency and reducing hours in the remaining health and career category. See Appendix, pages 8-9.
 - c. Changes to the major in **Actuarial Science** – Restructuring and increasing hours in major. See Appendix, pages 10-14.
 - d. Changes to the minor in **Ethnic Studies** -- Restructuring to remove specific course lists. See Appendix, pages 15-16.
 - e. Elimination of the minor in **Latin American Studies** – Combining with Latinx Studies minor. See Appendix, page 17.
 - f. Changes to the minor in **Latinx Studies** – Changing Name to Latinx and Latin American Studies and updating course lists. See Appendix, pages 18-21.
 - g. Changes to the minor in **National Securities Studies** – Restructuring and updating required courses. See Appendix, pages 22-25.
 - h. Changes to the major in **Physics** – Restructuring to remove Professional Option, Optics and Lasers Option, Materials Physics Option, and Computational Physics Option and updating required courses for both BA and BS. See Appendix, pages 26-34.
 - i. Elimination of Plan A minor in **Physics**. See Appendix, pages 35-36.
6. Questions and Feedback

Spring CAS Faculty Meeting Minutes (11 May 2023)

3:32 pm: The meeting was called to order by Dean Mark Button.

1. Approval of Minutes from the Fall Faculty Meeting held on Dec 14, 2022. Moved and seconded to approve. Approved unanimously.

2. College Updates and information items

a. NU Extension Collaboration Update – Kathleen Lodl & Jentry Barrett

Lodl: Discussed efforts to Broaden Nebraska's Engagement as related to N2025. She led the Carnegie Engagement Classification committee, which applied to Carnegie to be classified two weeks ago. We will know by late next Fall whether we've been accepted. Among the committee's activities was to create an interactive map that documents engagement activities across Nebraska.

b. Updates from the Dean

Button: Thank you for your work this past year and for your many engagement activities.

Seventeen faculty across the college were promoted. Tomorrow, we will host the annual Celebration of Excellence. Over 500 people will participate. Four alumni will receive Distinguished Alumni Awards. About 675 undergraduates will receive degrees. Tonight is Chancellor Green's celebration.

Before offering a few words about the state of the declining college budget, I'd like to review where it's increasing. Later, Assoc Dean Will Thomas will provide an update about our increasing external awards. There is an ongoing "Only in Nebraska" campaign at the NU Foundation to raise funds in three areas: Student Access and Success; Enhancing Faculty Academic Excellence; and Transformational Research and Innovation. The College's goal is \$81.5 million. We've raised half already from over 5,600 unique donors. The breakdown is that over \$22M was from gifts and grants, over \$16M was planned giving; and nearly \$4M was from pledged gifts.

The permanent budget reductions. In early March, the Chancellor announced the need to reduce the UNL budget by \$23.2 million. The Academic Planning Committee has received the request. On April 14, the details for the reduction was posted on the Chancellor's webpage. The CAS portion was \$1.78 million, representing 3.2% of our total. This is fourth year of reduction for a total of \$7.7 million since the Dean arrived at UNL. To deal with this reduction, the Dean met with Chairs & Directors, Budget Committee, College Executive Committee, and units possibly impacted. The plan has not been finalized. During the process, we are adhering to the central principles of the CAS mission, which is to promote a liberal arts and sciences experience. We will emphasize activities that will allow us to rebound quickly. We will support student recruitment and academic success, grow interdisciplinary collaborations and new academic program innovations, and maintain our responsible fiscal management and overall operational efficiency. We will preserve our research mission because it attracts graduate students and research funding. We will not undermine essential course offerings. Student enrollment, student credit hour production, increasing the number of majors and attracting graduate and professional students remain key considerations. We will instill a core focus on student retention and academic success within every area of the college.

Proposed reductions being considered. The largest portion of the CAS budget, about 88%, is salaries. Right now, our vacant faculty budget is about \$0.95 million, which could meet most of our \$1.78 million reduction. However, there is a need to balance that with our strategic hiring

priorities. A reduction in faculty is linked to a reduction of student credit hours and external research awards, showing how such a decision will negatively impact CAS and UNL. There was also a mandated 10% administrative reduction. To address this, the college will fund summer support for chairs and directors on a temporary basis this year until other funding sources and/or administrative modifications can be identified. After three years of covid-related reductions, we chose not to reduce college staff positions further. Other reductions were from targeted reductions in Operating Budgets and shifting staff positions to alternative funding sources. If you have questions or concerns about the process, please submit them to the Academic Program Committee. Finally, the Incentive-Based Budget model has been paused again in part because a decreasing budget is not an ideal environment and the search for a new Chancellor.

c. Associate Dean for Undergraduate Education updates – June Griffin

Griffin: First year with experiential learning for entering freshmen. There are 33 CAS courses that have been fully approved with more in the curriculum pipeline. This year's CAS-UP foci were attracting and launching. Each program chose practices to pursue. Every program, but one pending, updated their Learning Outcomes. Next year CAS-UP will focus on retention and graduation. First-year retention is beginning to rebound from a COVID-related decline: 80.6% of the 2021 cohort returned for their sophomore year. The four-year graduation rate was 49.7%, which is very close to our goal of 50%. The University entering class for next year is down from last year by about 300 but the college's entering enrollment is holding steady.

d. Associate Dean for Faculty updates – Pat Dussault

Dussault: We offered the usual range of workshops targeted to each faculty category. The college is developing a process to launch new Lecturers and Research Assistant Professors. Guidelines for research professors are being developed. The Professor of Practice guidelines will streamline some processes. There have been 23 searches during the 2022-2023 cycle, resulting in 15 or 16 faculty hires thus far; three searches are still underway. This was substantially more than the past several years.

e. Associate Dean for Research and Graduate Education updates – Will Thomas

Thomas: The University's ranking on NSF research expenditures list is #87 out of more than 1,000 listed. We are one of the few in the Top 100 without a medical center. Year-to-date research awards in the College are \$43 million, the highest in ten years. The Mellon Foundation provided the largest humanities research grant in our history. There are other invited Mellon proposals currently underway. The NU Foundation has helped identify other private foundations. The CAS internal research funding program supported by CASRAC awarded approx. \$130,000 in research funds to more than 30 faculty. Last fall, there was a comprehensive review of graduate stipends in comparison to other institutions that led to increased stipends in six programs. We also began offering two Dean's \$2,000 fellowships per program and have awarded them to 18 students to date.

3. Recommendation from the Dean and the College Executive Committee to approve proposed changes to the Bylaws of the Faculty to add the Committee for Advancing Undergraduate Success and Equity (CAUSE) as a standing committee – this replaces the Undergraduate Education Working Group.

Button: The first reading was at our Fall meeting. Moved and seconded to approve. There were no comments.

Vote: Approved unanimously.

5. Recommendation from the Dean and the College Executive Committee to approve proposed changes to the Professor of Practice Guidelines.

Button: The first reading was at our Fall meeting. Although this isn't a By-Law change, we've treated it in a similar manner. Moved and seconded to approve. Open for comments.

Dussault: After the Fall meeting, someone suggested to change "major appointing unit" to "the candidate, the faculty review committee, chair, or the Dean."

Wendy Smith (CSMCE): What about split appointments? Does that mean all units?

Deb Minter (English): Supports the idea that PoPs don't come up for review so frequently. How about "an appointing unit"?

Button: A change to "an appointing unit" is a bit vague. Naming the line of supervision describes who it means.

Jody Kellas (Comm Studies): I think we need to clarify what we mean by "appointing unit", and whether to include the Dean.

Steve Lahey (Classics & Religious): There are appointments across colleges and there will likely be more. We need to consider the role of other colleges.

Dussault: Our policies relate to activities in our college only.

Eric Malina (Chem): This is about triggering a review, which means it will return to the faculty. The review committee seems appropriate but different programs may have different structures.

Jody Kellas: I propose to change "major appointing unit" to "an appointing unit..."

Clinton Rowe (Earth & Atmos): "...according to that unit's policies"

Deb Minter: Change "major appointing unit" to "an appointing unit according to that unit's policies."

Jeff Mower (Ag&Hort; SBS): Would like to speak against passing this proposal. This document says that PoPs will be hired by an external search. But, there are many Lecturers across the university who have no path forward to becoming a PoP.

Dussault: The procedure is to do an external search, but there have been internal promotion of lecturers that were based on documented arguments.

Button: Many lecturers apply when PoP positions are advertised.

Jeff Mower: I have evidence that Asst PoPs are usually promoted in less than six years, whereas the guidelines say it would be unusual to promote earlier than six years. This indicates you are not following your guidelines and should not approve changes to them.

Many voices at once with rapid back and forth, during it was generally accepted that it doesn't typically take six years for promotion to Assoc PoP.

Button: Do you have a specific motion?

Jeff Mower: I have other objections.

Button: We've heard your concerns. If you don't have a specific motion, I'll have to ask you to give up the floor. After Mower started to voice another objection, the Dean called point of order.

Button: If there is no further discussion, we are ready to vote on the motion that now includes the friendly amendment to change "major appointing unit" to "an appointing unit according to that unit's policies."

Vote: Approved unanimously.

6. Opportunity for faculty to ask questions arising from annual reports of the various college committees.

Button: Open to questions to any of the committees.

a. Executive Committee (See agenda appendix page 16 for details)

b. Promotion and Tenure Committee (pages 16-17)

Griep: Will the relationship between Postdocs and Research Professors be addressed while updating the Research Professor guidelines.

Dussault: There is a greater heterogeneity among postdoc appointments, and among research professors that makes it difficult.

Mike Herman: Research professors are on soft money, which makes them distinct from Professors of Practice.

c. Curriculum and Advising Committee (pages 17-18)

d. Committee on Student Academic Distinction, Awards, and Appeals (pages 19-20)

e. Assessment Committee (page 20)

f. Research Advisory Committee (pages 20-21)

g. Endowed/College Professorships Committee (page 21)

h. Inclusion, Diversity, Equity, and Access (IDEA) Committee (page 21)

i. Academic Freedom and Freedom of Speech Committee (page 22)

The meeting adjourned at 4:56 pm.

Minutes respectfully submitted by Mark Griep

Item 4. Notification from the Dean and the College Curriculum and Advising Committee regarding policy on offering Special Topics courses.

CAS Policy for Special Topics Courses

Special Topics Courses are intended to enable faculty to develop and try out new courses. A course can only be offered two (2) times as a special topics course; thereafter it must be proposed as a new course to be considered by the department, College Curriculum and Advising Committee (CAS-CAC), and University Undergraduate Curriculum Committee (UJCC), and Graduate Council or be given special permission by the CAS Dean's office. This applies to undergraduate and graduate courses.

Justification: Limiting the number of times a course can run as a special topics course ensures faculty governance over curriculum.

ITEM 5a. Recommendation from the College Curriculum and Advising Committee to approve the proposed Discontinuation of Intercollege Studies Agreements.

Proposal to Discontinue Intercollege Studies Agreements between the College of Arts and Sciences and the College of Fine and Performing Arts and the College of Journalism and Mass Communication

Timeline: Effective Immediately, no new intercollege agreements would be approved by the College of Arts and Sciences. FPA and JMC students would be welcome to continue to declare CAS minors, or pursue dual matriculation with CAS. Existing intercollege relationships would be honored. Currently, there are 17 students participating as follows:

- FPA with CAS – 3 Seniors, 1 Junior, 2 Sophomores (majors in PSYC, PHYS, GLST, FREN, ENGL)
- CAS with FPA – 3 Seniors, 1 Sophomore, 1 Freshman (majors in AHIS, GDES)
- JMC with CAS – 3 Seniors, 1 Junior, 1 Sophomore, 1 Freshman (majors in POLS, ENGL, SPAN)

Current Catalog Copy Explaining Relationships:

With the College of Fine and Performing Arts: A student in the College of Arts and Sciences pursuing a bachelor of arts degree with a major in arts and sciences may also complete a bachelor of arts major in the College of Fine and Performing Arts. Reciprocally, a student in the College of Fine and Performing Arts pursuing a bachelor of arts degree with a fine and performing arts major may also complete another major in the College of Arts and Sciences. The student must complete all degree requirements in the home college and the requirements of the major in the visiting college. Because students using the College of Fine and Performing Arts as their home college will not be earning a degree from the College of Arts and Sciences, they may not be eligible for arts and sciences scholarships and aid.

With the College of Journalism and Mass Communications: A student in the College of Journalism and Mass Communications pursuing a bachelor of journalism degree may also complete another major in the College of Arts and Sciences. The student must complete all degree requirements in the College of Journalism and Mass Communications and the requirements of the arts and sciences major. Because students will not be earning a degree from the College of Arts and Sciences, they may not be eligible for arts and sciences scholarships and aid.

Justification: Prior to 2020, students who chose to earn a degree in more than one college would have to earn a total of 150 hours. For FPA and JMC students who were interested in a CAS major, it was often possible to complete all degree requirements for both programs in far less than 150 hours. Because the overall liberal arts degree structure was similar in the three colleges, the intercollege study major agreements enabled students to add a major from another college, without being held to the 150 hour threshold. In 2020 the extra 30 hours was eliminated, making it possible for students to more easily declare two degrees, and complete the full requirements for both in less than 150 hours. Since that time the number of students pursuing intercollege study majors has dramatically declined, yet many students still choose to dual matriculate.

There is a significant amount of administrative structure and process supporting the intercollege study agreements, including shadow plan codes and degree audits for all the possible combinations of colleges and majors. With the pending transition to Stellic for student degree audits and degree plans, it is not reasonable or necessary to build that structure into the transition. Further, it is clearer to students and academic advisors how to utilize the dual matriculation process when pursuing majors in more than one college. While there is still one other intercollege study agreement between CAS and EHS, it is only for a connection between the Mathematics major and the Secondary Education Mathematics major. We will not pursue the discontinuation at this time but may explore it for the future.

ITEM 5b. Recommendation from the College Curriculum and Advising Committee to approve the proposed Changes in College Course Restrictions.

CAS COURSE RESTRICTIONS (Undergraduate Catalog)

CURRENT:

RESTRICTIONS

Courses in the following areas may be counted toward the degree within the following limits:

15 hours of C- and D grades transferred from outside UNL, UNO, UNK, or UNMC ¹

60 hours from a community college or international institution

16 hours of applied music lessons and/or music ensemble

4 hours activity PE or athletic practice

6 hours athletic coaching or sport theory ²

12 hours total from any combination of the following areas:

First Aid and Emergency Health Care ³

Orientation, Career Planning, Study Skills ⁴

Military Science, Naval Science, or Aerospace Studies ⁵

9 hours of ESL coursework as follows:

No more than 3 hours from ENGL 186, ENGL 187, or ENGL 188

No more than 6 hours from ENGL 140, ENGL 141, ENGL 142, ENGL 143, ENGL 144, ENGL 145, or ENGL 146

¹ The C- and D grades cannot apply to majors or minors. C- and D grades transferred from UNO, UNK, or UNMC can be applied to the degree, but not toward majors or minors. International credit with grades equivalent to C- or D will not be validated by departments in the College of Arts and Sciences or applied to its degrees.

² This does not include coursework required for a declared major or minor.

³ For example at UNL: FITN 160, FITN 170

⁴ For example at UNL: AECN 100, ANTH/GEOG/GLST 111, ASCI 181, BIOC 101, BIOS 100, BSAD 111, BSAD 222, BSAD 333, BSAD 444, CASC 200, CASC 300, CASC 140, CASC 150, CASC 160, CHEM 101, CSCE 10, CYAF 150, EDPS 150, FDST 367, MBIO 101, NRES 101, NUTR 150, PLAS 127, POLS 101, RAIK 10, RAIK 40, PSYC 100, TEAC 210

⁵ This restriction does not apply to ACE certified courses, upper-level courses required in a declared major or minor, or courses cross-listed between Military Science, Naval Science, or Aerospace Studies and CAS departments.

PROPOSED:

RESTRICTIONS

Courses in the following areas may be counted toward the degree within the following limits:

15 hours of C- and D grades transferred from outside UNL, UNO, UNK, or UNMC ¹

60 hours from a community college or international institution

16 hours of applied music lessons and/or music ensemble

4 hours activity PE or athletic practice

6 hours athletic coaching or sport theory ²

6 hours total from any combination of the following areas:

First Aid and Emergency Health Care ³

Orientation, Career Planning, Study Skills ⁴

15 hours total from any combination of the following areas:

ROTC credit for Military Science, Naval Science, or Aerospace Studies ⁵

Military Credit for coursework presented through the Joint Services Transcript (JST)

9 hours of ESL coursework as follows:

No more than 3 hours from ENGL 186, ENGL 187, or ENGL 188

No more than 6 hours from ENGL 140, ENGL 141, ENGL 142, ENGL 143, ENGL 144, ENGL 145, or ENGL 146

¹ The C- and D grades cannot apply to majors or minors. C- and D grades transferred from UNO, UNK, or UNMC can be applied to the degree, but not toward majors or minors. International credit with grades equivalent to C- or D will not be validated by departments in the College of Arts and Sciences or applied to its degrees.

² This does not include coursework required for a declared major or minor.

³ For example at UNL: FITN 160, FITN 170

⁴ For example at UNL: AECN 100, ANTH/GEOG/GLST 111, ASCI 181, BIOC 101, BIOS 100, BSAD 111, BSAD 222, BSAD 333, BSAD 444, CASC 200, CASC 300, CASC 140, CASC 150, CASC 160, CHEM 101, CSCE 10, CYAF 150, EDPS 150, FDST 367, MBIO 101, NRES 101, NUTR 150, PLAS 127, POLS 101, RAIK 10, RAIK 40, PSYC 100, TEAC 210

⁵ This restriction does not apply to ACE certified courses, upper-level courses required in a declared major or minor, or courses cross-listed between Military Science, Naval Science, or Aerospace Studies and CAS departments.

JUSTIFICATION:

UNL is actively trying to recruit veterans to UNL and has established a new Husker Salute scholarship and would like to have the same credit threshold for military credits across campus. 15 credits match what is currently offered by UNK and would demonstrate a semester's worth of domain expertise. UNL is in the process of establishing clear and consistent workflows for evaluating Joint Services Transcripts which will improve our ability to review this credit. Because we've moved military to its own section, we've reduced the hours to 6 for the remaining health and career category.

Item 5c. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to the major in Actuarial Science.

CAS Curriculum and Advising Committee Proposal for Edits to Major or Minor*

This document is only for changes to the description, learning outcomes, structure, or requirements of a major or minor. All edits should be in contrast to what is currently published in the current catalog. Edits to individual courses must be requested in CIM. Edits to 4-Year Plans will be called for via the Advisor(s) serving your program.

Proposals Submitted by October 15 and Approved by the December CAS-CAC meeting will be effective for the next Catalog.

Questions on how to complete this document, contact Christina Fielder, 107 OLD, cfielder@unl.edu, 402-472-4190

Major/Minor: Actuarial Science

Contact Person for follow-up questions: Laurie Miller

Edits are for the Major, Minor, or both? Major only

OVERVIEW DESCRIPTION CHANGES

Only if different from current catalog, submit full updated copy for the Overview tab here:

LEARNING OUTCOMES CHANGES

Only if different from the current catalog, submit a full updated list of learning outcomes here:

STRUCTURAL CHANGES - Additional/deleted/changed requirements. Describe.

Several changes make up this proposed modification to the Actuarial Science major.

First, all students will be required to take ACTS 250 Actuarial Technical Skills. We currently recommend students take CSCE 101 & 101L Fundamentals of Computer Science but will no longer need to make this recommendation as ACTS 250 will be more appropriate. To complete this new requirement, students will also need to take the pre-requisite BSAD 050 Business Computer Applications.

All students will be required to take ACTS 445 Introduction to Actuarial Models. This requirement will replace the current requirement of STAT 380.

All students will be required to take ACTS 460 Short-Term Actuarial Mathematics.
All students will be required to take SCMA 451 Introduction to Predictive Analytics.

The current requirement of ACTS 095 Actuarial Practicum will be removed. Students can document internships on their transcript with CASC 095 or CASC 395.

The “menu” of courses students can select from for their Actuarial Science electives in the “Specific Major Requirements, Actuarial Science Courses” section of the major will be expanded to include any 400-level ACTS

course, FINA 412 Life & Health Insurance, and FINA 438 Enterprise Risk Management. 400-level ACTS courses that are no longer available will be removed from the catalog. Additionally, we will change the wording for this section to “Twelve (12) hours of additional 400-level ACTS courses or FINA 412 or FINA 438” without a list of the 400-level ACTS courses.

A detailed mapping of the changes can be found in the appendix below.

CREDIT HOURS - Total hours in the major or minor or within a subarea or requirement. Describe.

Total credit hours in the major will increase to 57 from 49, which includes the impact of the number of credit hours for ACTS 440 Interest Theory changing from 4 credit hours to 3 credit hours. This increase in the number of credit hours will be absorbed by reducing the number of elective credits available to the student.

COURSE ADDITIONS

Only courses already in existence or proposed simultaneously can be included. For any courses outside of your department or center, a letter of support from the course’s home department must be included.

Course (Prefix, Number, Title)	Hours	Inside which option, emphasis, subarea or requirement?
BSAD 050 Business Computer Applications	0	Required Actuarial Science Courses
ACTS 250 Actuarial Technical Skills	3	Required Actuarial Science Courses
ACTS 445 Introduction to Actuarial Models	3	Required Actuarial Science Courses
ACTS 460 Short-Term Actuarial Mathematics	3	Required Actuarial Science Courses
SCMA 451 Introduction to Predictive Analytics	3	Required Actuarial Science Courses
FINA 412 Life & Health Insurance	3	Specific Major Requirements, Actuarial Science Courses *
FINA 438 Enterprise Risk Management	3	Specific Major Requirements, Actuarial Science Courses *

COURSE DELETIONS:

If a course you are deleting from your requirements will no longer be active, consider using CIM to propose inactivating (deleting) the course.

Course (Prefix, Number, Title)	Hours	Inside which option, emphasis, subarea or requirement?
STAT 380 Statistics and Applications	3	Required Statistics and Probability Sequence
ACTS 095 Actuarial Practicum	0	Required Actuarial Science Courses

Are there any changes need to the following? If so, describe:

GRADING RULES

None.

PASS/NO PASS RULES

None.

COURSE LEVEL RULES OR SPECIAL RESTRICTIONS

None.

OTHER - Concerns or issues with layout, clarity, etc. Describe.

* For the “Specific Major Requirements, Actuarial Science Courses”, instead of the current wording of “Twelve (12) hours of additional courses to be selected from the list of courses below and in consultation with the faculty advisors” followed by a list of eligible courses, we will state “Twelve (12) hours of additional 400-level ACTS courses or FINA 412 or FINA 438” without a list of the 400-level ACTS courses to allow for future flexibility without requiring catalog changes.

JUSTIFICATION FOR CHANGES

These proposed modifications are necessary to ensure that UNL’s Actuarial Science Program remains competitive. UNL’s Actuarial Science Program has been designated as a [Center of Actuarial Excellence \(CAE\)](#) by the [Society of Actuaries \(SOA\)](#) and was approved to participate in the [University Earned Credit \(UEC\)](#) program beginning in Fall 2022. Currently, only twelve schools in the US are designated as CAE-UEC schools. The UEC program provides a way for students to earn credit for some of the professional examinations required for actuarial credentials through the SOA by achieving a required grade level in the corresponding coursework. At this time, UNL has been approved for UEC credit for two and a half exams out of the possible five exams. These proposed modifications to the Actuarial Science major would put the UNL Actuarial Science Program in a position to apply for approval from the SOA for additional UEC opportunities for our students. It is important to note that the overall content of the major has not changed. Instead, we are repackaging our content in a sensible way to align with the professional expectations of graduates in this field. Following our recent proposals to create new courses and update several other courses, we are proposing corresponding updates to our major requirements.

College of Arts & Sciences

Actuarial Science Major Requirements

Current versus Proposed

Current Major Requirements		
Core Requirements (37 credit hours)		
MATH 106	Calculus I	5
MATH 107	Calculus II	4
MATH 208	Calculus III	4
STAT 380	Statistics & Applications	3
STAT 462	Introduction to Mathematical Statistics I: Distribution Theory	4
STAT 463	Introduction to Mathematical Statistics II: Statistical Inference	4
FINA 338	Principles of Risk Management	3
ACTS 440	Interest Theory	4
ACTS 470	Life Contingencies I	3
ACTS 475	Actuarial Applications in Practice	3
ACTS 095	Actuarial Science Practicum*	0
Select four of the following (12 credit hours)		
ACTS 410	Introduction to Credibility, Smoothing of Data, and Simulation	3
ACTS 425	Survival Models	3
ACTS 430	Actuarial Applications of Applied Statistics	3
ACTS 441	Introduction to Financial Economics	3

no change
no change
no change
 >> replace with >>
no change

no change
 >> add existing course >>
 >> add existing course >>
 >> add new course >>
 >> reduce credit hours >>
 >> add new course >>
 >> renamed course >>
no change
 >> remove requirement >>

 >> updated course >>

 >> no longer taught >>
no change

 >> add approved course >>

 >> no longer taught >>

Proposed Major Requirements		
Required Courses (45 credit hours)		
MATH 106	Calculus I	5
MATH 107	Calculus II	4
MATH 208	Calculus III	4
ACTS 445	Introduction to Actuarial Models	3
STAT 462	Introduction to Mathematical Statistics I: Distribution Theory	4
STAT 463	Introduction to Mathematical Statistics II: Statistical Inference	4
FINA 338	Principles of Risk Management	3
SCMA 451	Introduction to Predictive Analytics	3
BSAD 050	Business Computer Applications	0
ACTS 250	Actuarial Technical Skills	3
ACTS 440	Interest Theory	3
ACTS 460	Short-Term Actuarial Mathematics	3
ACTS 470	Long-Term Actuarial Mathematics	3
ACTS 475	Actuarial Applications in Practice	3
Select four of the following (12 credit hours)		
ACTS 410	Credibility Theory and Loss Distributions	3
ACTS 430	Actuarial Applications of Applied Statistics	3
ACTS 431	Actuarial Applications of Machine Learning**	3

ACTS 471	Life Contingencies II	3
ACTS 473	Introduction to Risk Theory	3
ACTS 474	Introduction to Property/Casualty Actuarial Science	3
FINA 467A	Options, Futures and Derivative Securities for Actuarial Science	3
Total Credit Hours in Major Requirements		49

>> add existing course >>

>> updated course >>

>> add new course >>

>> updated course >>

>> no longer taught >>

>> add existing course >>

>> no longer taught >>

>> add existing course >>

Other Degree Requirements	40
Elective Credits	31

Overall Credit Hours for Actuarial Science Major	120
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ACTS 450	Stochastic Processes for Actuaries	3
ACTS 471	Advanced Long-Term Actuarial Mathematics I	3
ACTS 472	Advanced Long-Term Actuarial Mathematics II	3
ACTS 473	Advanced Short-Term Risk Models	3
FINA 438	Enterprise Risk Management	3
FINA 412	Life & Health Insurance	3
Total Credit Hours in Major Requirements		57

Other Degree Requirements	40
Elective Credits	23

Overall Credit Hours for Actuarial Science Major	120
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**ACTS 095 requirement will be removed. Students can show internships on transcript with CASC 095 or CASC 395.*

***ACTS 431 course was approved last year, but not added to our major electives.*

The Current major recommends students take CSCE 101 and 101L. This will no longer be recommended in Proposed major due to the addition of ACTS 250.

Catalog language for Proposed major can be less specific, such as “12 additional hours of ACTS 400-level courses or FINA 412 or FINA 438” instead of listing specific courses. This will provide more flexibility around course offerings in the future.

Pre-requisites for non-ACTS courses included in Proposed Major Requirements

SCMA 451 Prerequisites: SCMA 350; 2.5 GPA

We have discussed this with SCMA and they are willing to change to “SCMA 350 or ACTS major” or “SCMA 350 or ACTS 445” since this course will replace the CoB requirement of SCMA 350 for ACTS majors. We will recommend to SCMA that they change to “SCMA 350 or ACTS 445” to control course sequencing.

FINA 412 Prerequisites: 2.5 cum GPA; FINA 338

FINA 438 Prerequisites: FINA 338

Item 5d. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to the minor in Ethnic Studies.

CAS Curriculum and Advising Committee Proposal for Edits to Major or Minor*

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Questions on how to complete this document, contact Christina Fielder, 107 OLD, cfielder@unl.edu, 402-472-4190

Major/Minor: Ethnic Studies

Contact Person for follow-up questions: Joy Castro

Edits are for the Major, Minor, or both? Minor only

OVERVIEW DESCRIPTION CHANGES Only if different from current catalog, submit full updated copy for the Overview tab here:
LEARNING OUTCOMES CHANGES Only if different from the current catalog, submit a full updated list of learning outcomes here:
STRUCTURAL CHANGES - Additional/deleted/changed requirements. Describe. Replace existing minor with: 18 hours of ETHN courses, with at least 6 hours at the 300 or 400 level.
CREDIT HOURS - Total hours in the major or minor or within a subarea or requirement. Describe. No change

COURSE ADDITIONS

Only courses already in existence or proposed simultaneously can be included. For any courses outside of your department or center, a letter of support from the course's home department must be included.

Course (Prefix, Number, Title)	Hours	Inside which option, emphasis, subarea or requirement?

COURSE DELETIONS:

If a course you are deleting from your requirements will no longer be active, consider using CIM to propose inactivating (deleting) the course.

Course (Prefix, Number, Title)	Hours	Inside which option, emphasis, subarea or requirement?

Are there any changes need to the following? If so, describe:

GRADING RULES

No Change

PASS/NO PASS RULES

No Change

COURSE LEVEL RULES OR SPECIAL RESTRICTIONS

No Change

OTHER - Concerns or issues with layout, clarity, etc. Describe.

JUSTIFICATION FOR CHANGES

Currently there is a specific list of ETHN and other courses to select from. The list requires constant curation to keep up with individual changes to courses and cross-lists. This change would allow all ETHN stand-alone and cross-listed courses to apply in the minor as intended, and the choices would reflect current offerings and curriculum.

Item 5e. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to eliminate the minor in Latin American Studies.

University of Nebraska-Lincoln Deletion of Undergraduate Minor

I. Descriptive Information

Name of College Proposing Deletion of Minor
Arts and Sciences
Name of Current Minor
Latin American Studies
Primary Administrative Unit for the Minor
College of Arts and Sciences and Institute for Ethnic Studies
All Units Participating in the Minor
ETHN, ANTH, ENGL, HIST, MODL, POLS, PSYC, WMNS
Minor Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus & distance)
Proposed Date for Deletion
Fall 2024
Minor End Date
Fall 2028

II. Details

A. Justification for the Deletion of the Minor

The major in Latin American Studies was eliminated in 2023, and the Latinx and Latin American Studies Option within the Ethnic Studies major was developed. Deleting this stand-alone minor is meant to align minor programs better with the current Ethnic Studies major options. We will be integrating select courses into the newly named Latinx and Latin American Studies minor within Ethnic Studies.

B. Plan for Deletion of the Minor

1. Current Students = 2
These students will be able to finish the minor as is, or transition to the Latinx and Latin American Studies minor. None of the courses that make up the Latin American Studies minor are being inactivated as part of this action. Advising will continue as always with no change to the primary contact for students.
2. Current Faculty and Curriculum
No change to faculty or courses will be made as a result of this action.
3. Impact on other units and programs
No impact will be felt by other units or programs, as courses are primarily cross-listed and will continue to be offered as always.
4. Budgetary Savings associated with the change
None.

Item 5f. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to modify the minor in Latinx Studies.

University of Nebraska-Lincoln Modification of Undergraduate Minor

I. Descriptive Information

Name of College Proposing Modification of Undergraduate Minor
College of Arts and Sciences
Name of Current Undergraduate Minor
Latinx Studies
Primary Administrative Unit for Current Undergraduate Minor
College of Arts and Sciences and Institute for Ethnic Studies
All Units Participating in the Current Undergraduate Minor
ETHN, ENGL, HIST, MODL, POLS, PSYC, WMNS, TEAC,
Current Delivery Site
City Campus
Undergraduate Minor Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus and distance)
Name of Proposed Undergraduate Minor
Latinx and Latin American Studies
CIP Code: 6 digit
16.0908
Primary Administrative Unit for the Proposed Undergraduate Minor
College of Arts and Sciences and Institute for Ethnic Studies
All Units Participating in the Proposed Undergraduate Minor
ETHN, ENGL, HIST, MODL, POLS, PSYC, WMNS, TEAC,
Proposed Delivery Site
City Campus
Undergraduate Minor will be offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus and distance)
Proposed Date the New Minor will be Initiated
Fall 2024

II. Details

A. Description of the Proposed Modification:

Currently there are two related but separate minors – Latinx Studies, and Latin American Studies within the Ethnic Studies program. However, in 2022, a new option was established within the major called Latinx and Latin American Studies when the former stand-alone major in Latin American Studies was inactivated. The merger of these two minors better aligns with the current structure of the related major/option. And, the hope is there will be increased demand for the minor by expanding its scope.

B. Justification of the Proposed Modification:

By merging two existing minors into one that better aligns with the corresponding major and option, there is less administrative upkeep as well as the ability to more effectively recruit students who may not want to major in Ethnic Studies, but who would like to study this topic. In addition, we are adding only a partial set of courses from the former Latin American Studies minor and eliminating the need for students to have in-depth study of Spanish, which will increase the pool of interested and qualified students. We wish to provide students more flexibility and control to create their own program of study within two closely linked subject areas, rather than continuing to impose the artificial intellectual division between the two minors that previously existed. This will also have the benefit of increasing our numbers of minors in the combined area, rather than dividing them into two smaller pools.

**! Sections III and IV are only required for mergers/consolidation or other substantial modifications.
Delete these sections if they are not applicable; skip to Section V. Appendix**

III. Additional Details

A. Purpose of the Proposed Undergraduate Minor:

An integrated minor that directly aligns with the current structure of the Ethnic Studies major, and specifically the Latinx and Latin American Studies Option.

B. Description of the Proposed Undergraduate Minor:

The minor in Latinx and Latin American Studies gives students the opportunity to widen their academic horizons by studying a vast, diverse, and important part of U.S. culture and the world. Latinx and Latin American Studies will contribute to students' awareness and understanding of Latinx history, politics, and culture within the United States as well as the diverse peoples, histories, and cultures of Central and South America's many nations. The minor, which is interdisciplinary, will be useful to all students, particularly those in business, the humanities, social sciences, engineering, and education, as well as students who plan to work in community organizing, human resources, politics, or law.

Current Latinx Studies Eighteen (18) hours as follows.		Proposed Latinx and Latin American Studies Eighteen (18) hours of courses as follows, with at least 6 hours of courses at the 300 or 400 level.	
Required Course		Required Course	
ETHN 201	Introduction to Latinx Studies	ETHN 201	Introduction to Latinx Studies
Additional Courses – Select 5 courses.		Additional Courses – Select 5 courses with at least 2 at the 300 or 400 level.	
ETHN 310 / PSYC 310	Psychology of Immigration	ETHN 171 / HIST 171	History of Latin America
ETHN 330 / TEAC 330	Multicultural Education	ETHN 206 / HIST 206	History of Mexico
ETHN 333 / POLS 333	Immigration and Politics	ETHN 271 / HIST 271	Colonial Latin America
ETHN 345D / ENGL 345D	Chicana and/or Chicano Literature	ETHN 272 / HIST 272	Modern Latin America
ETHN 346 / ENGL 346	Cuban-American Literature	ETHN 277 / POLS 277	Latin American Politics

ETHN 357 / HIST 357	Mexican-American History	ETHN 310 / PSYC 310	Psychology of Immigration
SPAN 314	Ecological Imagination in Hispanic Culture	ETHN 312 / SPAN 312	Representative Spanish-American Authors (In Spanish)
SPAN 315 / WMNS 315	Gender and Sexuality in Hispanic Culture	ETHN 313 / SPAN 313	Race and Empire in Latin American Culture (In Spanish)
SPAN 341	Translating Hispanic Culture	ETHN 331 / SPAN 331	War and Human Rights in Latin America (In Spanish)
		ETHN 333 / POLS 333	Immigration and Politics
		ETHN 345D / ENGL 345D	Chicana and/or Chicano Literature
		ETHN 346 / ENGL 346	Cuban-American Literature
		ETHN 357 / HIST 357	Mexican-American History
		ETHN 373 / HIST 373	Latin America and Global Relations
		ETHN 374 / HIST 374	History of Brazil
		ETHN 420 / MODL 420	Great Latin American Writers (in Translation)
		ETHN 463 / HIST 463	Indigenous Peoples of Latin America
		ETHN 470 / SPAN 470 / WMNS 470	Feminisms in Latin America
		ETHN 476A / HIST 476A /	Gender and Sexuality in Latin America
		WMNS 476A ETHN 476B / HIST 476B	Race in Modern Latin America
		SPAN 461	History and Fiction in Latin America (In Spanish)

Additional Catalog Information (unchanged)

Advisor: Kathleen Lacey (advises all ETHN majors and minors)

- A grade of C or above is required for all courses in the major and minor.
- No course taken Pass/No Pass will be counted toward the major or the minor.
- The latinx and latin American studies minor are not available to ethnic studies majors or minors.

IV. Review Criteria

A. Evidence of Need and Demand

1. *Need:* Having a Latinx and Latin American Studies minor brings awareness to the contributions, challenges, and experiences of people from these backgrounds, and adds to our understanding of the lives of contemporary people from these backgrounds, which is a large portion of Nebraska citizens. *By com*
2. *Demand:* While demand for these minors has not been high, by combining them into one program that does not require proficiency in Spanish, we hope to increase the number of students declaring the minor.

B. Impact on Other Programs/Units

Because this is a merger of two existing minors into one, there should be no impact on other programs or units.

C. Adequacy of Resources

Because this is a merger of two existing minors into one, there should be no impact on resources.

V. Appendix

A. Catalog Copy – See 2024 Catalog Copy pdf

Item 5g. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to the minor in National Security Studies

University of Nebraska-Lincoln Modification of Undergraduate Minor

I. Descriptive Information

Name of College Proposing Modification of Undergraduate Minor
College of Arts and Sciences
Name of Current Undergraduate Minor
National Security Studies
Primary Administrative Unit for Current Undergraduate Minor
College of Arts and Sciences, Department of Political Science
All Units Participating in the Current Undergraduate Minor
POLS, ANTH, ENGL, COMM, CRIM, GEOG, HIST, METR, NRES, PSYC, RELG, SOCI
Current Delivery Site
City Campus
Undergraduate Minor Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus and distance)
Name of Proposed Undergraduate Minor
National Security Studies (no change)
CIP Code: 6 digit
43.0301
Primary Administrative Unit for the Proposed Undergraduate Minor
College of Arts and Sciences, Department of Political Science
All Units Participating in the Proposed Undergraduate Minor
POLS, ANTH, COMM, CRIM, GEOG, HIST, METR, NRES, RELG
Proposed Delivery Site
City Campus
Undergraduate Minor will be offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus and distance)
Proposed Date the New Minor will be Initiated
Fall 2024

II. Details

A. Description of the Proposed Modification:

- Reduction of total credit hours from 21 to a more standard 18.
- Expansion of the core required courses (POLS 160, NSST 275, and NSST 475) to 9 hours
- Number change for NSST 175 to 275 and pre-requisite of POLS 160 to establish sequence.
- Characterization of NSST 475 as a “Capstone” is removed as most minors do not use this terminology.

- Simplification of structure to ensure some specific National Security Studies courses are taken, and a redesign of those courses to be more responsive to current topics and expertise
- Inclusion of related internship or education abroad as a way to meet requirements of the minor.
- Recognition that Writing and Critical Thinking in general are included in ACE requirements, and more specific National Security course work related to those topics is needed in the seminar and special topics.
- Reduced list of electives that are directly related to the topic.

B. Justification of the Proposed Modification:

The changes made bring the minor into the same credit hour range of most other minors across campus and in the college, while also streamlining the courses and allowing for the most up to date topics and expertise to be included. National Security is constantly evolving and in order to meet the learning outcomes, we need flexibility to include topics and expert contributors on those topics. We are reducing overlap between POLS 160 and NSST 175 by elevating the NSST introductory class to a 200 level and building off the IR theory and content that students get in POLS 160. By introducing a Special Topics course we can teach writing and analysis courses that have already been part of the program, or something else that may draw upon the expertise of a lecturer who has worked in National Security. Likewise, the Seminar course would allow a series of such experts to contribute to single course around a topic or theme. In addition, we will be able to guarantee that these are taught each year. In addition, we are encouraging experiential learning by allowing approved internship and education abroad, or the new NSST 397 Professional Practice course that may include projects, case studies, and research competitions through organizations like STRATCOM.

**! Sections III and IV are only required for mergers/consolidation or other substantial modifications.
Delete these sections if they are not applicable; skip to Section V. Appendix**

III. Additional Details

A. Purpose of the Proposed Undergraduate Minor:

The national security studies minor (NSST) is an interdisciplinary program that provides undergraduates across campus (in any department or college) with relevant knowledge of various aspects of global security and the theory and analytical skills necessary for dealing with global security issues. Students interested in national security issues and related careers such as the United States Intelligence Community, will gain a set of analytical skills relevant to global issues will benefit from the minor. Students who have completed the NSST requirements will, upon graduation, receive a minor in national security studies. Drawing upon the most current expertise in the field through guest speakers and lecturers, students will be trained to systematically and coherently analyze national security issues, develop writing and critical thinking skills, negotiate multiple and competing interests, and develop in-depth knowledge and application in substantive international policy issue(s).

B. Description of the Proposed Undergraduate Minor:

Current NSST Minor		Proposed NSST Minor	
Core Course	3	Required Courses	9
POLS 160 International Relations Or Or Introduction to National NSST 175 Security		POLS 160 / GLST 160 International Relations	

		NSST 275 Introduction to National Security NSST 475 Threats and Solutions to Global Security in the 21st Century	
Writing and Analysis Courses – select one course	3	Topics in National Security – select 3 hours	3
ENGL 254 Writing and Communities NSST 375 Writing and Briefing for the National Security Enterprise		NSST 390 Seminar in National Security NSST 391 Special Topics in National Security NSST 397 Professional Practice in National Security Approved Internship or Education Abroad	
Critical Thinking/Analysis – select one course	3		
COMM 312 Argumentation CRIM 251 Research Methods NSST 376 Analysis for the National Security Establishment POLS 286 Political Analysis PSYC 350 Research Methods and Data Analysis SOCI 205 Introduction to Social Research Methods SOCI 206 Introduction to Social Statistics			
Topics in Security – select three courses with at least one at the 300 level and one at the 400 level.	9	Electives – select 6 additional hours with at least 3 hours at the 300 or 400 level.	6
ANTH 353 Anthropology of War CRIM 476 Terrorism GEOG 217 Principles of GIS GEOG 418 / NRES 418 Introduction to Remote Sensing GEOG 444 Geo-demographic and Geographic Information Systems (GIS) HIST 304 United States Military History Since 1917 HIST 326 Algeria and France HIST 324 The Cold War HIST 337 History of Modern Espionage and Intelligence HIST 368 History of Terrorism in the Modern World HIST 386 History of Radical Islam NRES 104 Climate in Crisis NRES 218 Introduction to Geospatial Technologies POLS 261 / SOCI 261 Conflict and Conflict Resolution POLS 263 Causes of War and Peace POLS 270 From National to Human Security POLS 332 Climate Change: Policy and Politics		ANTH 353 Anthropology of War COMM 312 Argumentation CRIM 475 International Criminology and Criminal Justice CRIM 476 Terrorism GEOG 217 Principles of GIS GEOG 418 / NRES 418 Introduction to Remote Sensing GEOG 444 Geo-demographic and Geographic Information Systems (GIS) HIST 304 United States Military History Since 1917 HIST 324 The Cold War HIST 326 Algeria and France HIST 337 History of Modern Espionage and Intelligence HIST 338 War and Peace in Europe: 1914 to the Present HIST 368 History of Terrorism in the Modern World HIST 386 History of Radical Islam METR 180 Climate Change, Energy, and the Environment NRES 218 Introduction to Geospatial Technologies NSST 390 Seminar in National Security	

POLS 362	Globalization, Human Rights and Diversity		NSST 391	Special Topics in National Security	
POLS 363	United States Foreign Policy		NSST 397	Professional Practice in National Security	
POLS 375 / ETHN 375	Conflict and Development in Africa		POLS 261 / SOCI 261	Conflict and Conflict Resolution	
POLS 377	Transnational Criminal Networks		POLS 263	Causes of War and Peace	
POLS 470	International Human Rights		POLS 270	From National to Human Security	
POLS 472	State Terror		POLS 332	Climate Change: Policy and Politics	
POLS 476 / JUDS 476	Ethnic Conflict and Identity		POLS 362	Globalization, Human Rights and Diversity	
POLS 463	American Foreign Policy and the Use of the Military		POLS 363	United States Foreign Policy	
POLS 479	Insurgency, Guerrilla Warfare, and Terrorism		POLS 375 / ETHN 375	Conflict and Development in Africa	
RELG 418	Fundamentalism, Religion, and Politics		POLS 377	Transnational Criminal Networks	
Capstone		3	POLS 463	American Foreign Policy and the Use of the Military	
NSST 475	Threats and Solutions to Global Security in the 21st Century		POLS 470	International Human Rights	
			POLS 472	State Terror	
			POLS 476 / JUDS 476	Ethnic Conflict and Identity	
			POLS 479	Insurgency, Guerrilla Warfare, and Terrorism	
			RELG 418	Fundamentalism, Religion, and Politics	
Total Credit Hours		21	Total Credit Hours		18

Additional Catalog Information (unchanged):

Advisor: Dr. Tyler White

- A grade of B- or above is required for all courses in the minor.
- No course taken Pass/No Pass will be counted toward the minor, unless it is only graded P/N.

V. Appendix

A. Catalog Copy

Item 5h. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to the major in Physics.

University of Nebraska-Lincoln Deletion of Undergraduate Option

I. Descriptive Information

Name of College Proposing Deletion of Option
Arts and Sciences
Name of Current Option
Professional
Associated Major of Current Option
Physics
Degree currently awarded to Graduates of the Program
BS
Other Options Offered in Associated Major
Materials Physics, Optics and Lasers, Computational
Administrative Units for the Option
College of Arts and Sciences and Department of Physics and Astronomy
Current Delivery Site
City Campus
Option Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus & distance)
Proposed Date for Deletion
Fall 2024
Option End Date
Fall 2029

II. Details

A. Justification for the Deletion of the Option

The Physics major will no longer have any options within the BS degree, just one version. The Professional option has been the default option in the major, but without the other three options there is no longer a need to call it an option.

B. Plan for Deletion of the Option

1. Current Students

There are 44 current students in the Professional Option who will be allowed to finish the option as planned and no courses within the option will be discontinued, and there are no changes planned for advising as all majors, regardless of option are advised by the same person.

2. Current Faculty and Curriculum

With no options within the BS, the remaining BS version of the major will have some simple revisions but all curriculum from other departments will continue to be utilized as it is now, and total hours of the major remain the same. See the comparison below:

Current Professional Option		Updated BS Major without Options	
Physics	31	Required Physics	37
PHYS 201 PHYS 211 PHYS 221 PHYS 212 PHYS 222 PHYS 213 PHYS 223 PHYS 231 PHYS 311 PHYS 431 PHYS 451 PHYS 461		PHYS 201 PHYS 211 PHYS 221 PHYS 212 PHYS 222 PHYS 213 PHYS 223 PHYS 231 PHYS 311 PHYS 431 PHYS 441 PHYS 442 PHYS 451 PHYS 461	
Mathematics	16	Required Mathematics	16
MATH 106 MATH 107 MATH 208 MATH 221		MATH 106 MATH 107 MATH 208 MATH 221	
Chemistry	4	Required Chemistry	4
CHEM 109A and 109L Or CHEM 113A and 113L		CHEM 109A and 109L Or CHEM 113A and 113L	
Option Courses	12	Electives	12
PHYS 441 PHYS 442 PHYS 452 PHYS 462		ASTR 403 ASTR 404 ASTR 405 ASTR 407	
Select 6 hours of the following:	6	MATH 314 or MATH 424 MATL 360 or 462 or 471 PHYS 343 PHYS 361 PHYS 401 PHYS 422 / ECEN 422 PHYS 443 PHYS 452 PHYS 462 PHYS 480 / ECEN 480	
ASTR 403 ASTR 404 ASTR 405 ASTR 407 MATH 314 or MATH 424 PHYS 343 PHYS 361 PHYS 401 PHYS 422 / ECEN 422 PHYS 443 PHYS 480 / ECEN 480			
Total Hours	69	Total Hours	69

3. Impact on other units and programs

None

4. Impact on course subject codes

None

5. Budgetary savings associated with the change

None

University of Nebraska-Lincoln

Deletion of Undergraduate Option

I. Descriptive Information

Name of College Proposing Deletion of Option
Arts and Sciences
Name of Current Option
Optics and Lasers
Associated Major of Current Option
Physics
Degree currently awarded to Graduates of the Program
BS
Other Options Offered in Associated Major
Materials Physics, Professional, Computational
Administrative Units for the Option
College of Arts and Sciences and Department of Physics and Astronomy
Current Delivery Site
City Campus
Option Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus & distance)
Proposed Date for Deletion
Fall 2024
Option End Date
Fall 2029

II. Details

A. Justification for the Deletion of the Option

The Physics major will no longer have any options within the BS degree, just one version. There was very little use of ¾ options (Materials, Optics and Lasers, and Computational) which made it difficult to offer the specialized courses within them and meet minimum enrollments. Students pursuing the BS with a Physics major will now have one curriculum to follow that allows for flexibility if they have special interest in these areas.

B. Plan for Deletion of the Option

1. Current Students

There are 0 students in the Optics and Lasers Option.

2. Current Faculty and Curriculum

With no options within the BS, the remaining BS version of the major will have some simple revisions.

3. Impact on other units and programs

None

4. Impact on course subject codes

None

5. Budgetary savings associated with the change

None

University of Nebraska-Lincoln

Deletion of Undergraduate Option

I. Descriptive Information

Name of College Proposing Deletion of Option
Arts and Sciences
Name of Current Option
Materials Physics
Associated Major of Current Option
Physics
Degree currently awarded to Graduates of the Program
BS
Other Options Offered in Associated Major
Optics and Lasers, Professional, Computational
Administrative Units for the Option
College of Arts and Sciences and Department of Physics and Astronomy
Current Delivery Site
City Campus
Option Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus & distance)
Proposed Date for Deletion
Fall 2024
Option End Date
Fall 2029

II. Details

A. Justification for the Deletion of the Option

The Physics major will no longer have any options within the BS degree, just one version. There was very little use of ¾ options (Materials, Optics and Lasers, and Computational) which made it difficult to offer the specialized courses within them and meet minimum enrollments. Students pursuing the BS with a Physics major will now have one curriculum to follow that allows for flexibility if they have special interest in these areas.

B. Plan for Deletion of the Option

1. Current Students

There is only 1 senior student in the Materials Physics Option who will be allowed to finish the option as planned and no courses within the option will be discontinued, and there are no changes planned for advising as all majors, regardless of option are advised by the same person.

2. Current Faculty and Curriculum

With no options within the BS, the remaining BS version of the major will have some simple revisions.

3. Impact on other units and programs

None

4. Impact on course subject codes

None

5. Budgetary savings associated with the change

None

University of Nebraska-Lincoln

Deletion of Undergraduate Option

I. Descriptive Information

Name of College Proposing Deletion of Option
Arts and Sciences
Name of Current Option
Computational Physics
Associated Major of Current Option
Physics
Degree currently awarded to Graduates of the Program
BS
Other Options Offered in Associated Major
Materials, Optics and Lasers, and Professional
Administrative Units for the Option
College of Arts and Sciences and Department of Physics and Astronomy
Current Delivery Site
City Campus
Option Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus & distance)
Proposed Date for Deletion
Fall 2024
Option End Date
Fall 2029

II. Details

A. Justification for the Deletion of the Option

The Physics major will no longer have any options within the BS degree, just one version. There was very little use of ¾ options (Materials, Optics and Lasers, and Computational) which made it difficult to offer the specialized courses within them and meet minimum enrollments. Students pursuing the BS with a Physics major will now have one curriculum to follow that allows for flexibility if they have special interest in these areas.

B. Plan for Deletion of the Option

1. Current Students

There are 8 students in the Computational Physics Option who will be allowed to finish the option as planned and no courses within the option will be discontinued, and there are no changes planned for advising as all majors, regardless of option are advised by the same person.

2. Current Faculty and Curriculum

With no options within the BS, the remaining BS version of the major will have some simple revisions.

3. Impact on other units and programs

None

4. Impact on course subject codes

None

5. Budgetary savings associated with the change

None

Item 5i. Recommendation from the College Curriculum and Advising Committee to approve the proposed changes to eliminate the Plan A minor in Physics.

University of Nebraska-Lincoln Deletion of Undergraduate Minor

I. Descriptive Information

Name of College Proposing Deletion of Minor
Arts and Sciences
Name of Current Minor
Physics (Plan A Only)
Primary Administrative Unit for the Minor
College of Arts and Sciences, Department of Physics and Astronomy
All Units Participating in the Minor
PHYS, MATH
Minor Currently Offered
<input checked="" type="checkbox"/> On-campus only <input type="checkbox"/> Distance only <input type="checkbox"/> Both (on-campus & distance)
Proposed Date for Deletion
Fall 2024
Minor End Date
Fall 2029

II. Details

A. Justification for the Deletion of the Minor

In the College of Arts and Sciences, we have ceased approving two versions of minors (Plan A and Plan B) and are actively working on discontinuing those currently active. Physics has had two versions, and both are very large given the need for ancillary mathematics coursework. In streamlining to one Physics minor, we chose to retain the structure of the Plan B minor, and more transparently call out the required calculus sequence needed for prerequisites. Once the existing Plan A minor is deleted, students pursuing the Physics minor will do so under the more reasonable Plan B structure, resulting in a likely increase of declared minors.

B. Plan for Deletion of the Minor

1. Current Students

There are currently 54 declared Physics minors campus-wide (16 Plan A and 38 Plan B). The Physics minor will remain and no included courses will be discontinued. Students on the current Plan A minor will be able to finish it as currently programmed.

2. Current Faculty and Curriculum

No changes to the previous Plan B version which will now become the default and only minor option for Physics. However, we have updated the introductory language to the following: Complete 15 hours of Physics courses plus required Mathematics prerequisite courses ([MATH 106](#), [MATH 107](#), [MATH 208](#)).

- 3. Impact on other units and programs
None
- 4. Budgetary Savings associated with the change
None