

Washburn University
Faculty Senate Agenda
February 19, 2024
3:00 PM – Forum Room, BTAC

- I. Call to Order
- II. Approve minutes from the February 5, 2024, meeting of Faculty Senate (pp. 3 - 8)
- III. President's Opening Remarks
- IV. WUBOR/KBOR Update
- V. VPAA/Provost Update – Stephenson and Fritch
- VI. Faculty Senate Committee Reports
 - Approve the minutes of the November 6, 2023, meeting of the Graduate Council (pp 9 - 10)
 - Approve the minutes of the January 29, 2024, meeting of the Academic Affairs Committee (pp. 11 - 12)
- VII. University Committee Reports
 - Receive the minutes of the December 12, 2023, meeting of the ADIC (pp. 13 - 14)
 - Receive the minutes of the November 13, 2023, meeting of the General Education Committee (pp. 15 - 17)
 - Receive the minutes of the November 10, 2023, meeting of the Board of Student Media (pp. 18)
- VIII. Old business
 - 24-19 Significant Program Edits – Religious Studies, BA (pp. 19 - 22)
 - 24-20 New Program Proposal – Mathematics Secondary Education: Core Mathematics 6-12 (pp. 23 - 27)
 - 24-21 New Program Proposal – Graduate Certificate in Communication and Leadership (pp. 28 - 32)
 - 24-22 Significant Program Edits – Forensic Biology, BS (pp. 33 - 36)
 - 24-23 Significant Program Edits – Creative Writing, BA (pp. 37 - 40)
 - 24-24 Significant Program Edits – Engineering-Physics, AS (pp. 41 - 44)
 - 24-25 Significant Program Edits – Communication, BA (pp. 45 - 48)
 - 24-26 Significant Program Edits – Computer Information Science with Data Science Concentration, BS (pp. 49 - 52)
 - 24-27 Significant Program Edits – Computer Information Science with Digital Forensics Concentration, BA (pp. 53 - 56)

- 24-28 Significant Program Edits – Computer Information Science, AA (pp. 57 - 60)
- 24-29 Significant Program Edits – Computer Information Science, BS (pp. 61 - 64)

IX. Information items

- 24-30 Decrease the Natural Sciences concentration requirement for Bachelor of Science degrees from 20 hours in one department to 15 hours (pp. 65 - 66)

X. Announcements

XI. Adjournment

Washburn University
Faculty Senate Minutes
February 5, 2024

Present: Altus, Barraclough, Camarda, Cook, Cook-Cunningham, Dahl, DeSota, Friesen, Grant, Hansen, Harnowo, Hartman, Heusi, Holt, Kay, Kendall-Morwick (J.), Kendall-Morwick (K.), Lolley, McGuire, McHenry, Modelmog, Ricklefs, Scofield, Sneed, Steffen, Toerber-Clark, Wagner

Absent: Hakenewerth, Kowalska, Miller, Porta, Rivera

Guests: Bailes, Ball, Broxterman, Chang, Erby, Hutchinson, Lanning, Memmer, Morse, Nizovtsev, O'Neill, Shipley, Stephenson, Wade

- I. The meeting was called to Order at 3:02
- II. The minutes of the January 22, 2024, meeting of Faculty Senate were approved without amendment.
- III. President's Opening Remarks
 - All guests be sure to sign in.
 - It should be a robust discussion today.
 - Remember there are a lot of things coming before Faculty Senate this semester regarding general education. Please plan to respect and work with one another, regardless of the spaces we are coming from.
 - Faculty lunches are in the works; please keep an eye out for an email.
 - February 21st from 9 am until 12 noon, Ricklefs and Enos will put on a training to review prevention on active assailants. There will be dialog with colleagues regarding how to prevent escalation. Unsure if this will be recorded.
- IV. WUBOR/KBOR Update
 - KBOR has not met since the last report. They are still focused on the faculty award we are not part of.
 - WUBOR met last week.
 - The strategic framework was adopted.
 - Henderson had a name change to Advisors Excel Hall.
 - The name of the new recital hall was announced, Dr. James Hurd Recital Hall.

- The Faculty Senate President will be visiting WUBOR again this spring to report the status on our efforts.

V. VPAA/Provost Update – Stephenson

- The strategic framework was adopted. Next steps will be to use this to guide the goals and plans for the next year.
- The first general education workshop took place last week. There is another on February 7th at 3 pm in Henderson 112. There will be a video of this available online.
- Interviews for the Law school dean were completed last week. Expect an announcement in the next few weeks.
- Fritch has started the process for a dean search for CAS. The advert will be posted soon after their arrival. He will be on campus on the 19th and will attend Faculty Senate for an introduction.
 - A welcome reception will take place on February 21st from 3:30 to 4:30 in Morgan.
- Update from Chang
 - There is an online course improvement project taking place to address the lack of quality guidelines and consistency across the university. This is meant to help with HLC requirements.
 - The focus is ensuring course materials are accessible and all online courses are designed in a way to minimize distraction and provide support for learning and engagement.
 - Other concerns
 - New requirements from the USDOE for all online courses to include substantive interaction with faculty.
 - ADA needs are also being addressed.
 - There are seventeen faculty and staff on a task force from a variety of academic units, CTCL, IT, and the office of accommodations.
 - The plan is to first create guidelines, e.g. communication benchmarks; then a plan to roll these out in phases.
 - The task force will work with the student success center to create a standard online course template.
 - There will be regular newsletters released regarding this process.

- Guidelines created will not infringe on faculty academic freedom.
- Wagner asked about what was included as communication. Regular feedback and introductions to the modules are among the interactions that will count as communication.
- Altus asked about setting up adjunct courses and support they might have for that. Unclear what this might look like.

VI. Faculty Senate Committee Reports

- The minutes of Academic Affairs committee meeting of November 27, 2023, were approved.

VII. Old business

- 24-18 modifications to the catalog reflecting new catalog requirements (2024 and forward). Altus moved to review; Cook seconded.
- Ball and O'Neill were making the language consistent with current general education requirements. Removed the documents regarding the use of general education for major courses. The general education requirements state that we cannot prohibit double dipping for those transferring in.
- Modellmog made a request for clarification.
- Ball explained that there is currently a prohibition on general education courses counting towards a major. This prohibition has been removed in the current document passed by AAC.
- Kendall-Morwick (K) suggested the prohibition to be tweaked to match the current distribution requirement categories.
- If the prohibition is put back in – how will this exist?
- Lolley noted that it would be beneficial for her students. If they took anatomy elsewhere as a general education course, this prohibition might prevent program requirements for her program from counting in both locations. Ball indicated that this is different as her program is not the major discipline it is taught in.
- Cook indicated that due to the 120-hour requirement, we should not prevent our students from getting the same treatment as transfers. Scofield was also concerned that this will encourage our students to go elsewhere for certain courses.
- Modellmog and Morse noted that the social sciences division is not in favor of the practice of double dipping.

- Advising issues were discussed. If we do ensure prohibition, regardless of whether we are working with a transfer or a student who has started here, we can still have conversations of the pros and cons of taking courses elsewhere. If we treat students differently, it may be more difficult for advising.
- Cook suggested a focus on major course requirements. Morse indicated that it is all about who owns the curriculum. The transferring in of courses has always been a reality, but there is a need to ensure students have as diverse an education as possible. As History is now going to be considered Humanities, this cuts down on another course that could be taken to make a well-rounded student.
- Feedback in the Humanities has not been in favor of double dipping, as it is not in the spirit of general education and narrows the student experience. If we keep prohibition now, we can change the language later (Kendall-Morwick, K)
- Steffen voiced concern with encouraging students to take general education courses elsewhere.
- Wagner asked whether there is any issue for programs with more flexibility to advise students to take a wider range of courses.
- Cook and Morse indicated that they would like to see their majors take major courses here.
- Ball clarified that this is irrelevant as these courses are always transferred in; things only change in terms of how courses count. We need to keep all students in mind.
- Kendall-Morwick (J.) asked about the concern that 100 level courses for a major are taken elsewhere. Indicated there may also be students who will need to decide whether to take another general education course or leave transfers as is – double dipping.
- The prohibition protects the college as there are designated credits in CAS for a degree. Unsure it matters which program the general education courses are taken in (Scofield).
- SOBU has required courses from CAS along with the university requirements. A good way forward is to give everyone freedom to decide. All departments can specify in their program requirements what they want students to take (Nizovtsev)
- Ricklefs clarified that as the document is currently written, the prohibition of double dipping is removed. We treat everyone the same. At this point, anyone can submit suggestions to review how this may impact us and propose something else. The next stop is General Faculty, and it can still be revised.

- Modellmog's concern is that when students are in their major, they only want to take those courses or those that are similar.
- As we don't yet know the outcomes of these changes, we can always modify the curriculum to ensure people are getting what they need in our programs (McGuire).
- Kendall-Morwick (J.) asked if there is a no vote, does this go back to be rewritten?
- It needs to go forward, whether it is amended (Ball).
- Scofield called the question; Friesen seconded. Vote to call to question did not pass.
- Other discussion regarding general education included the requirement to earn a C or better for general education. Other institutions do not have a requirement to earn a C in natural sciences. This could lead to complications. Are we planning to accept Ds or credit to pass for natural sciences (Lolley). Not all even require a C for English and Math.
- This will not matter regarding what is being discussed. The course can count as a D in general education but does not need to count in their major program (Nizovtsev).
- It was suggested that it will not matter, as they need to have the whole package to transfer it. Ball indicated that they do not have to take the whole package for it to transfer in.
- Toerber-Clark asked about high school students who take courses – will this count for gen ed? According to Lanning it will count.
- Cook asked when the adjustments to natural sciences were decided. This took place in faculty senate quite a while ago. There may have been confusion due to science not being part of the core courses (Wagner).
- Lolley moved for an amendment to change language regarding natural sciences with lab. It should indicate that areas one through three rather than one through four require a C or better. Hartman seconded the motion.
- Heusi suggested that a D here in natural sciences is an A or B elsewhere. They need these courses as prerequisites for nursing, but not all degrees. Would prefer students to take natural sciences courses here.
- The amendment passes to change language from one through four to one through three.
- Discussion returned to the original document sent forward by AAC. As is, all courses for all students are treated the same way. The document was approved with three dissenting.

- This will go forward as an action item to General Faculty.
- Friesen asked about new degree sheets or a template for distribution. Per O'Neill, there is a degree map template, but not for specific programs. There is not a plan to create department specific advising sheets. This will be located in the audits when the registrar receives degree plans.

VIII. Announcements

- Next Tuesday, there is a Mardi Gras themed Assessment Extravaganza complete with a proper King Cake (Kendall-Morwick, K.)

IX. The meeting was adjourned at 4:29.

Graduate Council Minutes Monday, November 6, 2023 Via Zoom

Attendees: Jennifer Ball (ex-officio), Leah Brown (ex-officio), Tracy Routsong, Jim Schnoebelen, Danny Funk, Zenova Williams, Tracy Davis, Becky Dodge, Sarah Holt, Dave Provorse, Michele Reisinger, Barbara Scofield, Michael Rettig, Pat Dahl, Lydia Diebolt

Not present: Emily Grant (ex-officio), Lydia Diebolt

Notes taken by: Beth Mathews

Guest: Sean Bird

The meeting was called to order by Jim Schnoebelen at 12:02pm.

- I. Approval of Minutes
 - a. A motion was made by Michele Reisinger and seconded by Sarah Holt to approve the October 2, 2023, minutes as presented.
 - b. Motion passed.
- II. Old Business - None
- III. New Business
 - a. Graduate Certificate in Communication and Leadership
 - i. Jim Schnoebelen presented the proposed program as outlined in CourseLeaf New Program Proposal which was attached to the agenda.
 - ii. After discussion, a motion was made by Tracy Routsong and seconded by Pat Dahl to approve the Graduate Certificate in Communication and Leadership.
 - iii. Motion passed and will now move through the governance process.
- IV. Discussion
 - a. Graduate student tutoring – Sean Bird
 - i. Sean Bird spoke to the committee about tutoring available for graduate students. They use Tutor Me (remote option). While the service is geared towards undergraduate needs, they are willing to set aside 25 hours for graduate students. If more is needed, the service and costs will be re-evaluated.
 - ii. Sean Bird emphasized that Math and English tutoring is done in the library but overseen by the respective departments.

- iii. Danny Funk shared that his MBA students utilizing tutoring is currently for foundation pre-requisites.
 - iv. Sean Bird shared students can obtain assistance from the librarians for APA style and formatting.
 - v. The library has email (refemail@washburn.edu) and chat options for students who are completely remote.
 - b. EN208 – Barbara Scofield
 - i. Barbara shared that she reached out to Melanie Burdick about utilizing EN208 for graduate programs.
 - ii. Dr. Burdick was receptive to the idea however, it would be the end of November 2023 before she could devote attention to the matter.
 - iii. Barbara Scofield will follow up with Melanie Burdick at that time and update the committee with additional information when it is received.
 - c. Administrative Withdrawals for Graduate Students – Zenova Williams
 - i. Zenova Williams asked the committee for ideas and suggestions for dealing with administrative withdrawals or potentially failing grades, especially for online programs.
 - ii. It was pointed out that Alerts are not done for graduate students. If it were added through Navigate there would need to be structure on implementation and management of alerts.
 - iii. Jennifer Ball addressed the difference between medical and administrative late withdrawals and referred instructors and advisors to use the dynamic forms on the Academic Affairs webpage. She also clarified that the forms could be used for one or more class withdrawals or for the entire semester.
 - iv. Dave Provorse shared his department uses end of semester faculty feedback and end of semester letters.
- V. Announcements
 - a. The next meeting is scheduled for Monday, December 4.
- VI. Adjournment – there being no further business to discuss, Jim Schnoebelen concluded the meeting at 12:42pm.

Academic Affairs Meeting Minutes

Monday, January 29, 2024 at 4:00pm

In-person, Memorial Union – Lincoln Room

Attendees: Deborah Altus (chair), Beth O'Neill (ex-officio), Karen Camarda, Sarah Holt, Dion Harnowo, Kara Kendall-Morwick, Lara Rivera.

Guests: Jennifer Ball, Stephanie Lanning

The meeting was called to order by Deborah Altus at 4:02 pm.

Deb noted that next AAC meeting on February 12 would be meeting in the Vogel Room. She noted that it would be busy with curriculum proposals to review. She informed the committee that the agenda and material would be sent to the committee on February 7. CAS was meeting in the afternoon on the 7th, and we would hold the agenda to include their approved curriculum items. While the AAC agenda and items would arrive later in the afternoon / evening timeframe, it still met the governance rules.

- I. Approvals
 - a. Minutes from the meeting held on Monday, November 27, 2023 were presented.
 - i. A motion for approval was made by Kara Kendall-Morwick and seconded by Karen Camarda.
 - ii. Motion passed unanimously.

- II. Action Items
 - a. Modifications to catalog reflecting new general education requirements (2024-25 forward)
 - i. A motion for discussion was made by Kara Kendall-Morwick and seconded by Dion Harnowo.
 - ii. Jennifer Ball provided a summary of the general education catalog pages submitted to the committee.
 1. She noted the current language in the 2023-2024 catalog stated that a course in a student's major discipline cannot count towards general education requirements.
 2. She stated that with the new general education framework, Washburn cannot enforce this for transfer students.
 3. The updated catalog pages submitted to AAC have removed the prohibition.
 4. Committee discussed.

- iii. Committee discussed CN 151 and CN 351 as part of the General Education Requirements.
 - 1. Committee had questions regarding the new CN 151 course – Introduction to Interpersonal Communication. They noted that CN 351 was formerly known as Interpersonal Communications. CN 351 course name was changed recently to Special Topics in Interpersonal Communications.
 - 2. Jennifer noted that she would reach out to the Communication Chair to confirm the general education category placement of these two courses and communicate back to the committee.

- iv. Committee discussed the wording regarding “C or better” in some of the general education categories. It was clarified that Washburn will not be able to impose this requirement on students who transfer in completed general education requirements from KBOR schools, if the sending institution allowed for a D grade.

- v. Committee discussed formatting errors in the documents.
 - 1. Jennifer noted she would update these before sending to Faculty Senate.

- vi. The motion to accept catalog edits passed unanimously and pages will be forwarded to Faculty Senate.

III. There being no further business to discuss, a motion was made by Kara Kendall-Morwick and seconded by Karen Camarda to conclude the meeting at 4:40 pm.

Minutes taken by Holly Broxterman.

Academic Diversity and Inclusion Committee

Minutes of December 12, 2023, 1 PM

Present: Brice, Burdick, Clouch, Collier, Dempsey-Swopes, Erby, Etzel, Gonzales, Grant, Hageman, Hart, Kendall-Morwick, Miller, Pierson, Stepp, Williams

- I. Minutes from November 14, 2023, were approved.
- II. Updates
 - a. WUmester 2024: Community & Belonging (Collier)
 - i. 500 "I Belong at WU" t-shirts to give away. Members of ADIC will all receive one and there will be a certain number at all events to hand out.
 - ii. MLK Celebration Banquet, Jan 16 @ 6, Washburn A/B. Marketing will come out this week. Amri Johnson, CEO of Inclusion Wins, International will be presenting.
 - iii. Keynote address by poet Nikki Giovanni March 26@ 6 pm Washburn A/B. There will also be a faculty workshop luncheon as part of CTCL and time with students.
 - iv. Black History Banquet, February 8 @ 6 pm, Washburn A/B. Brice is working on getting speakers in partnership with BSU. There was a Hispanic heritage banquet earlier in the semester that went well. There is a goal to build these events.
 - v. Step Show, March 23, 6:30 pm, White Concert Hall. Planning to bring in three groups from the area.
 - vi. WIFI April 19–22, 2024 – WUmester themed tract www.washburn.edu/wifi
 - vii. Virtual visits by Cheryl Brown Henderson, TBD
 - viii. Stepp added that there will be tabling, participatory art, and a couple workshops with artists and poets being planned.
 - ix. Looking to have Chris Hooten, a consultant on issues related to intersections of race, neurodiversity, and LGBTQIA, present to campus. The goal is to include a variety of audiences; workshops and presentations for those at different levels and contexts.
 - x. The spring drag show will take place April 26th at 6 pm in Washburn A/B
 - b. [AABD conference](#) --An international business conference that WU will host in May 2024. There is a new tract that is not strictly business oriented with more focus on diversity and inclusion work, including in higher education. There are networking and scholarship opportunities. Juma is organizing the conference and Mary Sundal and Erby are chairing the new tract. As this is the first year for this tract, the response is uncertain. Submissions due December 20th.
 - c. New Policies related to 60+ Auditors –In the past, faculty were able to say no or to limit number of 60+ auditors in their classes. This is continuing. In addition, faculty will have more authority over what class activities (if any) auditors may participate in and will be able to remove an auditor from their class if they become disruptive. ADIC members gave

several suggestions to clarify the language of the policy and frame it in a more positive way.

d. Announcements

- i. Williams thanked CAS and OSID for sponsoring the flamenco classes and performances. It was well attended. January 27th, they will be bringing students to the Capitol for the Kansas Birthday Celebration. Let her know if there are any students you can think of who may want to attend.
- ii. There are about 60 students between Lincoln and LLC who will be staying on campus over break; another 105 in the village (Pierson). There will be little access to food for about seven to ten days. There has been an increase in Non Nobis Solum and other funding applications to stay here or get money.
- iii. Miller announced that each month on average, between six and eight thousand pounds of food and commodity items are provided to the campus community through Bods Feeding Bods. The iCard office has run out of the meal swipes that BFB had purchased for this semester by week three of fall 2023, and we are unable to purchase more from Chartwells at this time. Helping students get on SNAP is tricky as they are usually excluded. When students present with extreme need while visiting the pantry, they are sent to Harvesters for additional assistance signing up for SNAP. We also refer students to other community-based organizations as well as the [Community Navigators at TSCPL](#).

III. Subcommittees will convene to discuss goals and action steps. Progress reports will be shared at February meeting. See

https://docs.google.com/document/d/1FhW3IQpCvPukoQsXDz0bWl3uGl21a-a27v1YHzN_bkg/edit?usp=sharing

Gen Ed Committee Minutes

Monday, November 13, 2023, at 12:00pm

In-Person – Crane Room

Members In-attendance: Jennifer Ball, Beth O’Neill, Kelly McClendon, Justin Moss, Roy Wohl, Linzi Gibson, Amy Memmer, Dmitri Nizovtsev, Belinda Eckert, Stephen Woody

Not present: Joey DeSota, Gary Hu

Meeting called to order at 12:04pm by Jennifer Ball

- I. Approval of Minutes – Motion made by Roy Wohl to approve the minutes for the meeting on October 18, 2023. Seconded by Stephen Woody. Motion carried.
- II. Informational Item – Jennifer Ball shared with the committee the outstanding response items due for departments from the spring 2023 meeting. A reminder will be sent to the departments with responses due.
- III. Revisions Discussion and Review
 - a. Concern was expressed as to EN200 and whether it is considered a valid gen ed class. After discussion it was determined that further research would be done and shared with the committee.
 - b. Jennifer Ball also shared that EN101 and EN200 were being presented without the completed rubrics to expedite the approval process.
 - c. EN101 – The committee voted to conditionally approve
 - d. EN200 – The committee voted to conditionally approve
 - e. MU108 – The committee voted to approve
- IV. Discuss process for new courses in spring 2024
 - a. Jennifer Ball advised she sent a notification with the draft of the Inclusion and Belonging USLO and Scientific Literacy – 7A and 7B to be shared before the General Faculty meeting which will be held on Wednesday, November 15.
 - b. After November 15, 2023, departments will be able to submit courses for approval. Those received in the early part of the spring 2024 semester should be approved by the end of semester. However, others received later may be approved but at a later date.
 - c. All applications will be collected and added to the General Education Teams site.
- V. Schedule early spring 2024 meetings – Jennifer Ball advised that we will be scheduling the next Gen Ed Committee meeting in early

- February 2024. She asked that everyone respond to a poll as to their availability when received.
- VI. Adjournment. There being no further business a motion was made by Dmitri Nizovtsev and seconded by Amy Memmer to conclude the meeting at 12:38pm.

Meeting notes taken by Beth Mathews

Proposed QSRL (drafted at Gen Ed Committee meeting on 10/18/23)

- a. Quantitative reasoning involves the ability to work with numerical data and the higher-order thinking skills required to make and understand mathematical arguments. Students will be able to understand and develop arguments supported by quantitative evidence, clearly communicate those arguments using words, tables, graphs, statistical inference, or mathematical equations and functions, as appropriate, and apply mathematical methods to solve problems from a wide array of contexts and everyday situations.
- b. Scientific reasoning and literacy involve the acquisition and application of skills and knowledge necessary to understand scientific methods and apply them to observable phenomena. Students will be able to understand, develop, and evaluate arguments supported by scientific evidence, clearly communicate those arguments in a variety of formats, and use scientific methods to solve problems from a wide array of contexts and disciplines.

BOSM Minutes
Nov. 10, 2023

- **Called to order**

- **Present:**
 - Maria Stover
 - Charli Rankin
 - Aja Carter
 - Karli Bayliss
 - LeSha' Davis
 - Cheyenne Hittle
 - Regina Cassell

- **Absent:**
 - Zoey Sheppard
 - Zach Stevens
 - Trevor Ottman
 - Larissa Morgan
 - Ross Friessen
 - Julie Noonan

- **New Business:**
 - No business was transacted due to a lack of a present quorum.
 - An email was sent out to all members of the board and there were no questions/comments/concerns regarding the agenda and business included.

- **Other Notes:**
 - Charli and Student Media members talked about journalism experiences

- **Meeting adjourned**

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Ian Smith, x. 1544

SUBJECT: Significant Program Edits – Religious Studies, BA

Description / Rationale: Rationale for minor, certificate, or second major requirement: Graduates in liberal arts disciplines should be well-rounded, and that requires depth as well as breadth. Disciplines across the University, and especially within the College, should actively support one another by requiring their students to explore outside of their majors. The reduction in general education requirements means that students will have more opportunity to explore disciplines outside of their majors, and we think that their exploration will be more fruitful if they do that within particular disciplinary structures. More to the point, we are committed to positioning our graduates to be successful on the job market, and we believe that having distinct minors, double majors, and certificates will be more beneficial to them.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 09/12/23 1:16 pm

Viewing: **RG : Religious Studies Religion**

Last approved: 01/24/23 3:14 pm

Last edit: 02/13/24 9:50 am

Changes proposed by: Ian Smith1 (ian.smith1)

Catalog Pages Using this Program [Religious Studies, BA](#)

Final Catalog 2024-2025

Rationale for Inactivation

Change Type Significant

Summarize Changes and Include Rationale Rationale for minor, certificate, or second major requirement: Graduates in liberal arts disciplines should be well-rounded, and that requires depth as well as breadth. Disciplines across the University, and especially within the College, should actively support one another by requiring their students to explore outside of their majors. The reduction in general education requirements means that students will have more opportunity to explore disciplines outside of their majors, and we think that their exploration will be more fruitful if they do that within particular disciplinary structures. More to the point, we are committed to positioning our graduates to be successful on the job market, and we believe that having distinct minors, double majors, and certificates will be more beneficial to them.

((Holly 9/12/23: Completed revisions according to new standardization approved by Deans and Provost Office))

General Information

Effective Catalog Edition 2024-2025

Department Philosophy & Religious Studies **Philosophy**

College College of Arts and Sciences

Division Humanities

Degree Level Undergraduate

Program Title Religious Studies **Religion**

Degree to be Offered Bachelor of Arts (BA)

Is there a Washburn Articulation Agreement? Related Degree

Is this program offered completely online? No

Does this program lead to a teaching certification? No

Program Code RG

Concentration

Is this program an interdisciplinary program? No

In Workflow

1. Acad Ops
2. PH Chair
3. PHRG Chair
4. Library
5. HUM Chair
6. CA Dean
7. CFCCC Chair
8. Assoc Dean CFC
9. CA Assoc Dean
10. Governance Check
11. AA Committee
12. Faculty Senate
13. General Faculty
14. WUBOR
15. Final Acad Ops
16. Registrar

Approval Path

1. 09/12/23 1:41 pm
Holly Broxterman (holly.broxterman): Approved for Acad Ops
2. 09/12/23 4:04 pm
Ian Smith1 (ian.smith1): Approved for PH Chair
3. 09/13/23 2:33 pm
Ian Smith1 (ian.smith1): Approved for PHRG Chair
4. 09/13/23 4:36 pm
Sean Bird (sean.bird): Approved for Library
5. 09/21/23 4:49 pm
Ian Smith1 (ian.smith1): Approved for HUM Chair
6. 09/26/23 11:39 am
Kelly Erby (kelly.erby): Approved for CA Dean
7. 11/14/23 12:42 pm
Bruce Mactavish (bruce.mactavish): Approved for CFCCC Chair
8. 11/21/23 11:16 am
Kelly Erby (kelly.erby): Approved for Assoc Dean CFC
9. 02/07/24 5:41 pm

Interdisciplinary

Department

CIP Code [380201 - Religion/Religious Studies](#)

Modality

New Program Header

Statement of Justification/Rationale for Offering the Program

Program Demand

Projected Enrollment for the Initial Three Years of the Program

Implementation

Full-Time	Part-Time
Headcount Per	Headcount Per Year
Full-Time Sem	Part-Time Sem
Credit Hrs Per Year	Credit Hrs Per Year

Year 2

Full-Time	Part-Time Headcount
Headcount Per Year	Per Year
Full-Time Sem	Part-Time Sem Credit
Credit Hrs Per Year	Hrs Per Year

Year 3

Full-Time	Part-Time Headcount
Headcount Per Year	Per Year
Full-Time Sem	Part-Time Sem Credit
Credit Hrs Per Year	Hrs Per Year

Employment

Employment

Opportunity

Admission and Curriculum

Admission Criteria

Total Number of

Semester Credit

Hours for the

Degree

Curriculum

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Arts degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

In addition, all Religious Studies majors must declare and then meet the requirements for a minor, a second major, or a certificate in order to graduate.

Required Courses Inside Department

RG 101	Introduction to the Study of Religion	3
RG 102	World Religions	3
RG 331	Understanding Religion	3
RG 398	Capstone Preparation	3
RG 399	Religious Studies Capstone	3

Kelly Erby

(kelly.erby):

Approved for CA

Assoc Dean

10. 02/07/24 6:00 pm

Holly Broxterman

(holly.broxterman):

Approved for

Governance Check

11. 02/13/24 9:50 am

Holly Broxterman

(holly.broxterman):

Approved for AA

Committee

History

- Apr 21, 2022 by clmig-jwilling
- Jul 14, 2022 by Steve Luoma (steven.luoma)
- Jul 14, 2022 by Steve Luoma (steven.luoma)
- Sep 28, 2022 by Holly Broxterman (holly.broxterman)
- Jan 24, 2023 by Steve Luoma (steven.luoma)
- Jan 24, 2023 by Steve Luoma (steven.luoma)

Choose one of the following:

3

PH 100	Introduction to Philosophy	
PH 201	Corrupting the Youth: Ancient Greek Philosophy	
PH 203	Introduction to Buddhist Philosophy	
PH 207	Existence of God	
PH 301	I think therefore I am? Modern Philosophy 1600-1800	3

Subtotal 21

Additional Required Courses

Select additional courses ¹ 12

Correlated Courses

Total Hours 33

1

At least nine must be RG and at least nine must be upper division courses. *External courses require advisor’s prior approval.*

Degree Requirements

Pathway

Core Faculty

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

N/A

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/13/24 9:50 am):** Approved by Academic Affairs
Comments Committee in 2/12/2024 meeting.

Key: 180

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Sarah Cook, x. 1498

SUBJECT: New Program Proposal – Mathematics Secondary Education: Core Mathematics 6-12

Description: The State of Kansas is developing a new licensure program for 6-12 mathematics. This license will be in addition to the existing 6-12 math licensure program. The new license will allow educators to teach only a restricted list of "core" secondary courses (geometry and below). The State is finishing the standards for this degree and is anticipating that Institutions will have a degree program available starting in the 2024-2025 academic year. It is important for Washburn to offer this new degree option to stay competitive with area institutions.

Rationale: Since this is a new program developed by the State, we are assuming that the State has done research to determine that the degree will be attractive to future educators. Currently students who want to teach middle school math can earn either an Elementary Education degree (through the Education Department) or a Math Secondary Education degree (through the Math Department). The proposed degree will be a mixture of courses from these two existing programs. This new degree will give students an option to focus on middle school mathematics while still obtaining their BEd from the Math Department. We have already had 3-5 students who have indicated a desire pursue this new degree.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

New Program Proposal

Date Submitted: 10/18/23 9:59 am

Viewing: : **Mathematics Secondary Education: Core Mathematics 6-12**

Last edit: 02/13/24 9:47 am

Changes proposed by: Sarah Cook (sarah.cook)

Catalog Pages Using [Mathematics Secondary Education: Core Mathematics 6-12](#) this Program

Final Catalog 2024-2025
Rationale for

Change Type
Summarize
Changes and

In Workflow

1. Acad Ops
2. MA Chair
3. Library
4. ED Chair
5. NSM Chair
6. CA Dean
7. CFCCC Chair
8. Assoc Dean CFC
9. CA Assoc Dean
10. Governance Check
11. AA Committee
12. Faculty Senate
13. General Faculty
14. WUBOR
15. Final Acad Ops
16. Registrar

General Information

Effective Catalog Edition	2024-2025
Department	Mathematics and Statistics
College	College of Arts and Sciences
Division	Natural Science & Mathematics
Degree Level	Undergraduate
Program Title	Mathematics Secondary Education: Core Mathematics 6-12
Degree to be Offered	Bachelor of Education (BED)
Is there a Washburn Related	
Is this program offered completely online?	No
Does this program lead to a teaching certification?	Yes
Program Code	
Concentration	
Is this program an interdisciplinary program?	No
Interdisciplinary	
CIP Code	131311 - Mathematics Teacher Education.
Modality	

Approval Path

1. 10/18/23 2:31 pm
Holly Broxterman (holly.broxterman):
Approved for Acad Ops
2. 10/18/23 2:42 pm
Sarah Cook (sarah.cook):
Approved for MA Chair
3. 10/19/23 2:49 pm
Sean Bird (sean.bird):
Approved for Library
4. 10/19/23 2:58 pm
Cherry Steffen (cherry.steffen):
Approved for ED Chair
5. 10/22/23 1:33 pm
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
6. 11/28/23 3:18 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
7. 01/26/24 3:36 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
8. 01/30/24 9:23 pm
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
9. 02/07/24 5:41 pm

New Program Header

Statement of Justification/Rationale for Offering the Program

The State of Kansas is developing a new licensure program for 6-12 mathematics. This license will be in addition to the existing 6-12 math licensure program. The new license will allow educators to teach only a restricted list of "core" secondary courses (geometry and below). The State is finishing the standards for this degree and is anticipating that Institutions will have a degree program available starting in the 2024-2025 academic year. It is important for Washburn to offer this new degree option to stay competitive with area institutions.

Program Demand Since this is a new program developed by the State, we are assuming that the State has done research to determine that the degree will be attractive to future educators. Currently students who want to teach middle school math can earn either an Elementary Education degree (through the Education Department) or a Math Secondary Education degree (through the Math Department). The proposed degree will be a mixture of courses from these two existing programs. This new degree will give students an option to focus on middle school mathematics while still obtaining their BEd from the Math Department. We have already had 3-5 students who have indicated a desire pursue this new degree.

Kelly Erby
(kelly.erby):
Approved for CA
Assoc Dean
10. 02/07/24 5:59 pm
Holly Broxterman
(holly.broxterman):
Approved for
Governance Check
11. 02/13/24 9:47 am
Holly Broxterman
(holly.broxterman):
Approved for AA
Committee

Projected Enrollment for the Initial Three Years of the Program

Implementation

Full-Time	Part-Time
Full-Time	Part-Time Sem

Year 2

Full-Time Headcount Per Year	5	Part-Time Headcount Per Year	0
Full-Time Sem Credit Hrs Per Year	150	Part-Time Sem Credit Hrs Per Year	0

Year 3

Full-Time Headcount Per Year	8	Part-Time Headcount Per Year	0
Full-Time Sem Credit Hrs Per Year	240	Part-Time Sem Credit Hrs Per Year	0

Employment

Employment Opportunity Information Middle and High School math teachers are in extremely high demand. The Kansas State Department of Education website currently lists several openings for middle school and/or high school math teachers. We are aware that many positions went unfilled last year. Some schools are even resorting to emergency certifying community members to teach their high school core math courses (especially in rural communities) .

Admission and Curriculum

Admission Criteria Students will need to be admitted to the Department of Education under the same criteria as existing Education students.

Total Number of Semester Credit Hours for the Degree 120

Curriculum

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Education degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Students seeking certification to teach mathematics must also be formally admitted to the University's Professional Teacher Education Programs.

Required Courses Inside Mathematics Department

MA 116	College Algebra	3
MA 117	Trigonometry	3
MA 140	Statistics	3
MA 151	Calculus & Analytic Geometry I	5

MA 200	Number & Operation for Elementary Teachers	3
MA 201	Geometry, Proportion & Data Analysis for Elementary Teachers	3
MA 204	Number Theory and Discrete Math for Middle School Teachers	3
MA 260	Introduction to Number Theory	3
MA 315	Seminar: Teaching Mathematics	1
MA 316	Teaching Algebra	1
MA 320	Mathematics for Middle School Teachers	3
MA 367	Modern Geometry	3
MA 381	History and Literature of Mathematics	3
Subtotal		37

Required Courses Inside Education Department

ED 155	Teaching, Learning, Leadership	3
ED 165	Ed. 1, Examining Teaching as a Profession: Diversity 1, Literacy 1, Technology 1	3
ED 275	Ed. 2 Exploring Teaching as a Profession (Classroom Management 1, Diversity 2, Technology 2) Ed. 2	3
ED 285	Educational Psychology	3
ED 295	Ed. 3 Experiencing Teaching as a Profession (Classroom Management 2, Diversity 3, Literacy 2)	3
ED 302	Teaching Exceptional Learners	3
ED 321	STEM Practicum II	1
ED 340	Teaching in Adolescent Middle Level Environment	2
ED 349	Middle Level Mathematics Practicum	1
ED 354	Curriculum and Assessment	3
ED 363	Methods of Teaching Math in Secondary School	3
ED 395	Ed. 4 Extending Teaching as a Profession (Classroom Management 3, Literacy 3, Technology 3)	3
ED 410	Secondary Student Teaching	12
Subtotal		43

Required Courses Inside Other Departments

PY 211	Adolescent Psychology	3
Subtotal		3

Total Hours 83

Pathway

Core Faculty

Faculty Name Janet Sharp

Rank Professor

Highest Degree Doctorate

Tenure Track Yes

Academic Area of Specialization Math Education

FTE to Proposed Program .75

Faculty Name Jennifer Wagner

Rank Professor

Highest Degree Doctorate

Tenure Track	Yes
Academic Area of Specialization	Combinatorics
FTE to Proposed Program	.25

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Every course in this degree program is a course required for either the existing Elementary Education Middle School Math/STEM degree or the existing Secondary Education Mathematics degree (see attachment). Thus, our course offering schedule will not change in the near future. While we expect larger enrollments in the math courses required for this degree, we do not expect the enrollment sizes to require additional sections of the courses in the near future.

Supplemental Files [Comparison of Math BEds.pdf](#)

Reviewer **Beth O'Neill (beth.oneill) (10/18/23 12:36 pm)**: Format changes needed for catalog degree requirement standardization completed.

Comments **Beth O'Neill (beth.oneill) (01/23/24 10:36 am)**: Program name changed to reflect KSDE licensure wording, as requested by Sarah Cook.

Holly Broxterman (holly.broxterman) (02/13/24 9:47 am): Approved by Academic Affairs Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Jim Schnoebelen, x. 1426

SUBJECT: New Program Proposal – Graduate Certificate in Communication and Leadership

Description / Rationale: The ability to communicate effectively in various settings and lead others in teams and organizations continues to be desirable among top employers. The MA in Communication and Leadership that Washburn currently offers has steady application, enrollment, and graduation rates. Adding this certificate will offer access to the courses within our MA program for two key populations: 1) those pursuing another graduate degree at Washburn who wish to add this academic credential to their current programs of study and 2) those who have an undergraduate degree and would like to pursue a valuable graduate credential but who cannot commit to a full degree program.

Offering a certificate in Communication and Leadership will also allow students currently enrolled in WU graduate programs who have elective hours as part of their degrees (i.e., Criminal Justice) access to a valuable additional credential for only a few additional hours of credit. This may prove beneficial in adding an incentive to enroll in such programs as these students may perceive getting more “bang for their buck” compared to similar programs that do not provide access to such certificates.

Finally, though our enrollment is consistent in MACNLE courses, this will likely result in a modest boost in our enrollment.

I have spoken with various directors of graduate programs and personnel on campus and have anecdotal evidence of demand. Several sources also continue to list Communication and Leadership among top 5 skills sought by new employers, so I believe this will have demand.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

New Program Proposal

Date Submitted: 10/26/23 10:09 am

Viewing: : **Graduate Certificate in Communication and Leadership**

Last edit: 02/08/24 8:49 am

Changes proposed by: Jim Schnoebelen (jim.schnoebelen)

Catalog Pages Using [Graduate Certificate in Communication and Leadership](#)
this Program

General Information

Effective Catalog Edition	2024-2025
Department	Communication Studies
College	College of Arts and Sciences
Division	Humanities
Degree Level	Graduate
Program Title	Graduate Certificate in Communication and Leadership
Degree to be Offered	Certificate (CERT)
Is this program offered completely online?	Yes
Does this program lead to a teaching certification?	No
Program Code	
Is this program an interdisciplinary program?	Yes
Interdisciplinary Department	Leadership Institute
CIP Code	090100 - Communication, General.
Modality	

New Program Header

In Workflow

1. Acad Ops
2. CN Chair
3. Library
4. HUM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. Grad Council
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 10/26/23 11:48 am
Holly Broxterman (holly.broxterman):
Approved for Acad Ops
2. 10/26/23 12:34 pm
Jim Schnoebelen (jim.schnoebelen):
Approved for CN Chair
3. 10/27/23 6:09 am
Sean Bird (sean.bird):
Approved for Library
4. 11/14/23 8:53 pm
Ian Smith1 (ian.smith1):
Approved for HUM Chair
5. 11/28/23 12:34 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
6. 01/26/24 3:36 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
7. 01/30/24 9:23 pm
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
8. 02/07/24 5:41 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean
9. 02/08/24 8:48 am
Holly Broxterman

Statement of Justification/Rationale for Offering the Program

The ability to communicate effectively in various settings and lead others in teams and organizations continues to be desirable among top employers. The MA in Communication and Leadership that Washburn currently offers has steady application, enrollment, and graduation rates. Adding this certificate will offer access to the courses within our MA program for two key populations: 1) those pursuing another graduate degree at Washburn who wish to add this academic credential to their current programs of study and 2) those who have an undergraduate degree and would like to pursue a valuable graduate credential but who cannot commit to a full degree program.

Offering a certificate in Communication and Leadership will also allow students currently enrolled in WU graduate programs who have elective hours as part of their degrees (i.e., Criminal Justice) access to a valuable additional credential for only a few additional hours of credit. This may prove beneficial in adding an incentive to enroll in such programs as these students may perceive getting more "bang for their buck" compared to similar programs that do not provide access to such certificates.

Finally, though our enrollment is consistent in MACNLE courses, this will likely result in a modest boost in our enrollment.

Program Demand I have spoken with various directors of graduate programs and personnel on campus and have anecdotal evidence of demand. Several sources also continue to list Communication and Leadership among top 5 skills sought by new employers, so I believe this will have demand.

(holly.broxterman):
Approved for
Governance Check
10. 02/08/24 8:49 am
Holly Broxterman
(holly.broxterman):
Approved for Grad
Council

Projected Enrollment for the Initial Three Years of the Program

Implementation

Year 2

Full-Time Headcount Per Year	NA	Part-Time Headcount Per Year	2-5
Full-Time Sem Credit Hrs Per Year	NA	Part-Time Sem Credit Hrs Per Year	2-5

Year 3

Full-Time Headcount Per Year	NA	Part-Time Headcount Per Year	5-7
Full-Time Sem Credit Hrs Per Year	NA	Part-Time Sem Credit Hrs Per Year	5-7

Employment

Employment Opportunity Information As I have noted in other sections above, "Communication" and "Leadership" are skills many employers want in new employees. It stands to reason that this demand will exist in higher echelons within organizations, as well. Our MA degree appeals to those seeking enhancement and advancement of current jobs, and I contend that this certificate will reflect a similar demand.

Admission and Curriculum

Admission Criteria Admission to any Washburn graduate program OR meet the following criteria:
Students with at least a 3.5 undergraduate GPA (cumulative or in their last 60 hours) can just fill in the application and submit transcripts and resume to be accepted. Students with a 3.0-3.49 undergraduate GPA (cumulative or in their last 60 hours) must submit the application, transcripts, resume, and a writing sample from an undergraduate class.
Students with a 2.5-2.99 undergraduate GPA (cumulative or in their last 60 hours) must submit the application, transcript, resume, a writing sample from an undergraduate class, and at least one recommendation as currently facilitated via CollegeNet.
Students with an undergraduate GPA below a 2.5 (cumulative or in their last 60 hours) must submit the application, transcript, resume, a writing sample from an undergraduate course, and contact information for 3 persons who can provide a recommendation as currently

facilitated via CollegeNet.

NOTE: Students with an UG GPA below a 2.5 GPA will be considered for conditional admission provided all other aspects of their application check out. This will require the student to maintain a 3.0 GPA in their first two courses in the program.

Total Number of 12
Semester Credit
Hours for the
Degree
Curriculum

Certificate Requirements

CN 601	Introduction to Graduate Study - Communication Study	3
LE 601	Self and Systems Leadership	3
Select one Communication course from the following:		3
CN 630	Communication-Conflict/Negotiation	
CN 642	Team Communication in Organizations	
CN 645	Community Dialogue & Deliberation	
CN 650	Persuasion	
Select one Leadership course from the following:		3
LE 620	Leadership/Resource Stewardship	
LE 630	Organization Improvement & Innovation	
LE 640	Public Policy & Global Leadership	
Total Hours		12
Pathway		

Core Faculty

Faculty Name Jim Schnoebelen*

Rank Professor

Highest Degree Ph.D.

Tenure Track Yes

Academic Area of Specialization Communication Studies

FTE to Proposed Program Unknown

Faculty Name Lauren Edelman

Rank

Highest Degree Ph.D.

Tenure Track No

Academic Area of Specialization Leadership Studies

FTE to Proposed Program Unknown

Faculty Name Tracy Routsong

Rank Professor
Highest Degree Ph.D.
Tenure Track Yes
Academic Area of Specialization Communication Studies
FTE to Proposed Program Unknown

Faculty Name Adebanke Adebayo
Rank Assistant Professor
Highest Degree Ph.D.
Tenure Track Yes
Academic Area of Specialization Communication Studies
FTE to Proposed Program Unknown

Faculty Name Carson Kay
Rank Assistant Professor
Highest Degree Ph.D.
Tenure Track Yes
Academic Area of Specialization Communication Studies
FTE to Proposed Program Unknown

Faculty Name Kevin O'Leary
Rank Senior Lecturer
Highest Degree Ph.D.
Tenure Track No
Academic Area of Specialization Communication Studies
FTE to Proposed Program Unknown

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

The current course offerings will not be impacted; the proposed certificate would be composed of courses already taught for our MACNLE degree.

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/08/24 8:49 am):** Approved in Grad Council meeting
Comments on 11/6/23.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: John Mullican, x. 2079

SUBJECT: Significant Program Edits – Forensic Biology, BS

Description / Rationale: We are making a number of changes to the Forensic Biology major to align the degree program with FEPAC accreditation standards and to address the new General Education requirements. These changes include updating course number changes (BI 102 to BI 192, and BI 103 to BI 194), adding BI 301 as a required course, adding biology research credits (from 1 to 3), reducing biology elective credits to zero (from 11), removing CJ 410 (as this is covered in another course), and providing an option of taking either biochem I with lab (CH 350 and CH 351) or immunology with lab (BI 362 and 363). We also removed the "Capstone" designation for Biology Seminar and Forensic Molecular Biology to align with FEPAC standards.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 11/13/23 12:07 pm

Viewing: **FB-BS : BI: Forensic Biology BS**

Last approved: 09/30/22 11:56 am

Last edit: 02/13/24 9:50 am

Changes proposed by: John Mullican (john.mullican)

Catalog Pages Using this Program [Forensic Biology, BS](#)

Change Type [Significant](#)

Summarize Changes and Include Rationale
We are making a number of changes to the Forensic Biology major to align the degree program with FEPAC accreditation standards and to address the new General Education requirements. These changes include updating course number changes (BI 102 to BI 192, and BI 103 to BI 194), adding BI 301 as a required course, adding biology research credits (from 1 to 3), reducing biology elective credits to zero (from 11), removing CJ 410 (as this is covered in another course), and providing an option of taking either biochem I with lab (CH 350 and CH 351) or immunology with lab (BI 362 and 363). We also removed the "Capstone" designation for Biology Seminar and Forensic Molecular Biology to align with FEPAC standards.

General Information

Effective Catalog Edition	2024-2025
Department	Biology
College	College of Arts and Sciences
Division	Natural Science & Mathematics
Degree Level	Undergraduate
Program Title	BI: Forensic Biology BS
Degree to be Offered	Bachelor of Science (BS)
Is this program offered completely online?	No
Does this program lead to a teaching certification?	No
Program Code	FB-BS
Is this program an interdisciplinary program?	No
CIP Code	430106 - Forensic Science and Technology
Modality	

Admission and Curriculum

Admission Criteria	
Total Number of Semester Credit Hours for the Degree	
Curriculum	

In Workflow

1. Acad Ops
2. BI Chair
3. Library
4. NSM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 11/13/23 1:53 pm
Holly Broxterman (holly.broxterman): Approved for Acad Ops
2. 11/13/23 1:59 pm
John Mullican (john.mullican): Approved for BI Chair
3. 11/13/23 6:01 pm
Sean Bird (sean.bird): Approved for Library
4. 11/17/23 3:30 pm
Andrew Herbig (andrew.herbig): Approved for NSM Chair
5. 11/28/23 12:44 pm
Kelly Erby (kelly.erby): Approved for CA Dean
6. 11/30/23 12:37 pm
Holly Broxterman (holly.broxterman): Rollback to BI Chair for CFCCC Chair
7. 11/30/23 12:46 pm
John Mullican (john.mullican): Approved for BI Chair
8. 11/30/23 12:54 pm
Sean Bird (sean.bird): Approved for Library
9. 11/30/23 4:44 pm
Andrew Herbig

- (andrew.herbig):
Approved for NSM
Chair
- 10. 01/09/24 9:21 am
Kelly Erby
(kelly.erby):
Approved for CA
Dean
- 11. 01/26/24 3:38 pm
Bruce Mactavish
(bruce.mactavish):
Approved for CFCCC
Chair
- 12. 01/30/24 9:24 pm
Kelly Erby
(kelly.erby):
Approved for Assoc
Dean CFC
- 13. 02/07/24 5:41 pm
Kelly Erby
(kelly.erby):
Approved for CA
Assoc Dean
- 14. 02/07/24 6:00 pm
Holly Broxterman
(holly.broxterman):
Approved for
Governance Check
- 15. 02/13/24 9:50 am
Holly Broxterman
(holly.broxterman):
Approved for AA
Committee

History

1. Apr 21, 2022 by
clmig-jwilling
2. Sep 30, 2022 by
Holly Broxterman
(holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Science degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Required Courses Inside Department

BI 102	General Cellular Biology	5
BI 103	General Organismal Biology	5
<u>BI 192</u>	<u>General Cellular Biology</u>	<u>5</u>
<u>BI 194</u>	<u>General Organismal Biology</u>	<u>5</u>
<u>BI 301</u>	<u>General Microbiology</u>	<u>4</u>
BI 314	Statistics for Biologists	3
BI 333	General Genetics	4
BI 353	Molecular Genetics	3
BI 354	Molecular Biology Laboratory	3
<u>BI 390</u>	Biology Seminar	1

BI 395	Research in Biology (Capstone Course)	3
BI 420	Forensic Molecular Biology	4
Required Courses Outside Department		
BI electives (300-level or higher)		11
CH 151	Fundamentals of Chemistry I	5
CH 152	Fundamentals of Chemistry II	<u>5</u>
CH 202	Professional Forensic Science Seminar	2
CH 323	Advanced Forensic Chemistry	4
CH 340	Organic Chemistry I	3
CH 342	Organic Chemistry Lab I	<u>2</u>
CH 341	Organic Chemistry II	3
CH 343	Organic Chemistry Lab II	<u>2</u>
CJ 115	Introduction to Forensic Investigations	3
CJ 410	Criminal Procedure and Evidence	3
CJ 415	Advanced Forensic Investigations	3
CJ 416	Forensic Applied Science Laboratory	3
MA 116	College Algebra	<u>3</u>
MA 151	Calculus & Analytic Geometry I	5
PH 102	Ethics: Introduction to Moral Problems	3
or PH 214	Medical Ethics	
Select one of the following physics sequences:		10
PS 261 & PS 262	College Physics I and College Physics II (1 year with lab)	
PS 281 & PS 282	General Physics I and General Physics II (1 year with lab)	
Additional Required Courses		
<u>Select one of the following sequences:</u>		<u>5</u>
BI 362 & BI 363	Immunology and Immunology Laboratory	
CH 350 & CH 351	Biochemistry I and Biochemistry Lab	
Total Hours		96

~~Degree Requirements The Bachelor of Science (B.S.) in Forensic Biology requires a minimum of 40 BI hours plus an additional 60 credit hours of non-biology correlate courses. The coursework for the B.S. in Forensic Biology satisfies the 30-hour natural science concentration and is designed to meet the requirements for accreditation as outlined by the Forensic Science Education Programs Accreditation Commission (FEPAC). Depending upon a student's math competency, it will take approximately 125-128 credits to complete the B.S. degree in Forensic Biology.~~

Pathway

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (11/30/23 12:37 pm):** Rollback: Need to add MA 116 to program, rolling back to BI Chair to edit and review.

Comments **John Mullican (john.mullican) (11/30/23 12:46 pm):** Adding MA 116 as a program requirement.

Holly Broxterman (holly.broxterman) (02/13/24 9:50 am): Approved by Academic Affairs Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Melanie Burdick, x. 1409

SUBJECT: Significant Program Edits – Creative Writing, BA

Description / Rationale: Due to the new general education requirements, students will now be required to complete a minor, certificate, or additional major. This will replace the general education credit hours that are no longer required, and it will allow students to choose a complementary area of study.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 09/05/23 9:59 am

Viewing: **EN-CW : Creative Writing**

Last approved: 10/07/22 10:30 am

Last edit: 02/13/24 9:49 am

Changes proposed by: Melanie Burdick (melanie.burdick)

Catalog Pages Using [Creative Writing, BA](#)
this Program

Change Type [Significant](#)

Summarize Changes and Include Rationale Due to the new general education requirements, students will now be required to complete a minor, certificate, or additional major. This will replace the general education credit hours that are no longer required, and it will allow students to choose a complementary area of study. ((Holly 9/8/23: Completed revisions according to new standardization approved by Deans and Provost Office))

General Information

Effective Catalog Edition 2024-2025

Department English

College College of Arts and Sciences

Division Humanities

Degree Level Undergraduate

Program Title Creative Writing

Degree to be Offered Bachelor of Arts (BA)

Is this program offered completely online? [No](#)

Does this program lead to a teaching certification? No

Program Code EN-CW

Is this program an interdisciplinary program? No

CIP Code [231302 - Creative Writing](#)

Modality [Hybrid](#)

Admission and Curriculum

Admission Criteria

Total Number of Semester Credit Hours for the Degree

Curriculum

In Workflow

1. Acad Ops
2. EN Chair
3. Library
4. HUM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 09/05/23 10:49 am
Holly Broxterman (holly.broxterman): Approved for Acad Ops
2. 09/05/23 11:06 am
Melanie Burdick (melanie.burdick): Approved for EN Chair
3. 09/05/23 11:26 am
Sean Bird (sean.bird): Approved for Library
4. 09/21/23 4:47 pm
Ian Smith1 (ian.smith1): Approved for HUM Chair
5. 09/25/23 9:00 pm
Kelly Erby (kelly.erby): Approved for CA Dean
6. 10/03/23 9:41 am
Bruce Mactavish (bruce.mactavish): Approved for CFCCC Chair
7. 10/04/23 9:44 pm
Maria Stover (maria.stover): Approved for Assoc Dean CFC
8. 10/05/23 7:38 am
Maria Stover (maria.stover): Approved for CA Assoc Dean
9. 10/05/23 12:18 pm
Beth O'Neill

- (beth.oneill):
Rollback to Assoc
Dean CFC for
Governance Check
- 10. 11/21/23 11:15 am
Kelly Erby
(kelly.erby):
Approved for Assoc
Dean CFC
- 11. 02/07/24 5:41 pm
Kelly Erby
(kelly.erby):
Approved for CA
Assoc Dean
- 12. 02/07/24 6:00 pm
Holly Broxterman
(holly.broxterman):
Approved for
Governance Check
- 13. 02/13/24 9:49 am
Holly Broxterman
(holly.broxterman):
Approved for AA
Committee

History

1. Oct 7, 2022 by Holly Broxterman (holly.broxterman)
2. Oct 7, 2022 by Holly Broxterman (holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Arts degree, and any additional hours needed to reach the 120 credit hours required for graduation.

In addition, all English (BA) majors must complete a complementary minor, certificate, or additional major; students must declare this with the department that grants it.

Required Courses Inside Department

EN 105	Introduction to English Studies	3
EN 206	Beginning Poetry Writing	3
EN 207	Beginning Nonfiction Writing	3
EN 209	Beginning Fiction Writing	3
EN 301	Literary Criticism & Theory	3
EN 310	English Grammar/Linguistics	3
EN 315	Reading as Writers	3
EN 384	Publishing Lab (the capstone for writing majors)	3

Additional Courses

Select two of the following: 6

EN 305	Advanced Fiction Writing	
EN 306	Advanced Poetry Writing	
EN 307	Advanced Nonfiction Writing	

Select three of the following (at least one from each area): 9

British Literature

EN 325	British Lit through 1785	
------------------------	--------------------------	--

EN 326	British Literature since 1785	
American Literature		
EN 330	American Literature through 1865	
EN 331	American Literature since 1865	
World Literature		
EN 360	World Literature through 1650	
EN 361	World Literature since 1650	
One writing or literature correlate course from outside the major ¹		3
Total Hours		42

¹
Chose in consultation with advisor and department chair

~~Degree Requirements Thirty-nine total English hours required, including core requirements, but excluding EN 101 First Year Writing and EN 300 Advanced College Writing. The Creative Writing emphasis major's field program should look as follows:~~

Pathway

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

They do not. The requirement is for additional coursework mainly outside the department.

Supplemental Files

Reviewer **Beth O'Neill (beth.oneill) (10/05/23 12:18 pm)**: Rollback: Approval completed in error.
 Comments **Holly Broxterman (holly.broxterman) (02/13/24 9:49 am)**: Approved by Academic Affairs Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Karen Camarda, x. 2145

SUBJECT: Significant Program Edits – Engineering-Physics, AS

Description / Rationale: Most electives and EG 303 are being removed from this degree program to make room for the new general education requirements. Addition of option to select between EG 360 or PS 3XX course for 3 credit hours. Addition of CN 150 as a required course.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 11/13/23 10:20 am

Viewing: **EGP : Engineering-Physics**

Last approved: 10/17/23 12:05 pm

Last edit: 02/13/24 9:48 am

Changes proposed by: Karen Camarda (karen.camarda)

Catalog Pages Using this Program [Engineering Physics, AS](#)

Rationale for Change Type [Significant](#)
Summarize Changes and Include Rationale Most electives and EG 303 are being removed from this degree program to make room for the new general education requirements. ((Holly 10/17/23: Completed revisions according to new standardization approved by Deans and Provost Office))

General Information

Effective Catalog Edition 2024-2025
Department Physics and Astronomy
College College of Arts and Sciences
Division Natural Science & Mathematics
Degree Level Undergraduate
Program Title Engineering-Physics
Degree to be Offered Associate of Science (AS)
Is this program offered completely online? [No](#)
Does this program lead to a teaching certification? No
Program Code EGP
Is this program an interdisciplinary program? No
Interdisciplinary CIP Code [141201 - Engineering Physics/Applied Physics.](#)
Modality

New Program Header

Statement of Justification/Rationale for Offering the Program
Program Demand

In Workflow

1. Acad Ops
2. PS Chair
3. Library
4. NSM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 11/13/23 1:53 pm
Holly Broxterman (holly.broxterman): Approved for Acad Ops
2. 11/13/23 2:31 pm
Karen Camarda (karen.camarda): Approved for PS Chair
3. 11/13/23 6:01 pm
Sean Bird (sean.bird): Approved for Library
4. 11/17/23 3:30 pm
Andrew Herbig (andrew.herbig): Approved for NSM Chair
5. 11/29/23 9:04 pm
Kelly Erby (kelly.erby): Approved for CA Dean
6. 01/26/24 3:38 pm
Bruce Mactavish (bruce.mactavish): Approved for CFCCC Chair
7. 01/30/24 9:24 pm
Kelly Erby (kelly.erby): Approved for Assoc Dean CFC
8. 02/07/24 5:41 pm
Kelly Erby (kelly.erby): Approved for CA Assoc Dean
9. 02/07/24 6:00 pm
Holly Broxterman

Projected Enrollment for the Initial Three Years of the Program

Implementation

(holly.broxterman):
Approved for
Governance Check
10.02/13/24 9:49 am
Holly Broxterman
(holly.broxterman):
Approved for AA
Committee

Admission and Curriculum

Admission Criteria

Total Number of

Semester Credit

Hours for the

Degree

Curriculum

History

1. Apr 21, 2022 by
clmig-jwilling
2. Sep 30, 2022 by
Holly Broxterman
(holly.broxterman)
3. Oct 17, 2023 by
Holly Broxterman
(holly.broxterman)
4. Oct 17, 2023 by
Holly Broxterman
(holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for an Associate of Science degree, and any additional hours needed to reach the minimum 60 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Electives

BI 102	General Cellular Biology	5
CH 151	Fundamentals of Chemistry I	5
CH 152	Fundamentals of Chemistry II	5
EG 116	Engineering Graphics	3
EG 360	Mechanics of Materials	3
MA 301	Linear Algebra	3
MA 331	Differential Equations	3
Any upper-division Physics courses		3

Required Course Inside Department

<u>EG 103</u>	Physics & Engineering Seminar I	1
<u>EG 250</u>	Engineering Mechanics: Statics	3
<u>EG 303</u>	Physics & Engineering Seminar II	1
<u>EG 351</u>	Engineering Mechanics: Dynamics	3
<u>Select one:</u>		<u>3</u>
<u>EG 360</u>	<u>Mechanics of Materials</u>	
<u>PS 3XX</u>	<u>Any 300 Level, 3 credit PS course</u>	
<u>PS 281</u>	General Physics I	5
<u>PS 282</u>	<u>General Physics II</u>	<u>5</u>

Subtotal

20

Required Courses Outside Department

<u>CN 150</u>	<u>Public Speaking</u>	<u>3</u>
<u>MA 151</u>	Calculus & Analytic Geometry I	5
<u>MA 152</u>	Calculus & Analytic Geometry II	5
<u>MA 253</u>	Calculus/Analytic Geometry III	3

CH 151	Fundamentals of Chemistry I	5
or BI 102	General Cellular Biology	
Electives		
Electives		12
Subtotal		16
Total Hours		36

~~Degree Requirements To major in Engineering Physics with an Associate of Science Degree, one must satisfactorily complete:~~

Pathway

Core Faculty

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Beth O'Neill (beth.oneill) (11/14/23 9:39 am)**: Revised to significant change.
 Comments **Holly Broxterman (holly.broxterman) (02/13/24 9:48 am)**: Approved by Academic Affairs Committee in 2/12/2024 meeting.

Key: 70

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Jim Schnoebelen, x. 1426

SUBJECT: Significant Program Edits – Communication, BA

Description / Rationale: Due to the new general education requirements, students will now be required to complete a minor, certificate, or additional major. This will replace the general education credit hours that are no longer required and allow students to choose a complementary area of study.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 11/06/23 3:40 pm

Viewing: **CN : CN: Communication Major**

Last approved: 11/02/23 10:39 am

Last edit: 02/13/24 9:48 am

Changes proposed by: Jim Schnoebelen (jim.schnoebelen)

Catalog Pages Using this Program [Communication Studies, BA](#)

Change Type **Not** Significant

Summarize Changes and Include Rationale Due to the new general education requirements, students will now be required to complete a minor, certificate, or additional major. This will replace the general education credit hours that are no longer required and allow students to choose a complementary area of study.

General Information

Effective Catalog Edition	2024-2025
Department	Communication Studies
College	College of Arts and Sciences
Division	Humanities
Degree Level	Undergraduate
Program Title	CN: Communication Major
Degree to be Offered	Bachelor of Arts (BA)
Is this program offered completely online?	Yes
Does this program lead to a teaching certification?	No
Program Code	CN
Is this program an interdisciplinary program?	No
CIP Code	090100 - Communication, General.
Modality	Hybrid

Admission and Curriculum

Admission Criteria	
Total Number of Semester Credit Hours for the Degree	120
Curriculum	

In Workflow

1. Acad Ops
2. CN Chair
3. Library
4. HUM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 11/06/23 4:22 pm
Beth O'Neill
(beth.oneill):
Approved for Acad Ops
2. 11/06/23 4:26 pm
Jim Schnoebelen
(jim.schnoebelen):
Approved for CN Chair
3. 11/06/23 6:34 pm
Sean Bird
(sean.bird):
Approved for Library
4. 11/14/23 8:53 pm
Ian Smith1
(ian.smith1):
Approved for HUM Chair
5. 11/28/23 11:52 am
Kelly Erby
(kelly.erby):
Approved for CA Dean
6. 01/26/24 3:38 pm
Bruce Mactavish
(bruce.mactavish):
Approved for CFCCC Chair
7. 01/30/24 9:32 pm
Kelly Erby
(kelly.erby):
Approved for Assoc Dean CFC
8. 02/07/24 5:41 pm
Kelly Erby
(kelly.erby):
Approved for CA Assoc Dean
9. 02/07/24 6:00 pm
Holly Broxterman

(holly.broxterman):
 Approved for
 Governance Check
 10. 02/13/24 9:48 am
 Holly Broxterman
 (holly.broxterman):
 Approved for AA
 Committee

History

1. Apr 21, 2022 by
clmig-jwilling
2. Jul 19, 2022 by
Steve Luoma
(steven.luoma)
3. Mar 29, 2023 by Jim
Schnoebelen
(jim.schnoebelen)
4. Aug 22, 2023 by
Holly Broxterman
(holly.broxterman)
5. Nov 2, 2023 by
Holly Broxterman
(holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a [Bachelor of Arts](#) degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

In addition, all Communication (BA) majors must complete a complementary minor, certificate, or additional major; students must declare this with the department that grants it.

Required Courses Inside Department ¹

CN 101	Introduction to Communication Studies	3
CN 150	Public Speaking	3
CN 302	Communication Theory	3
CN 303	Research Methods	3
or CN 304	Qualitative Communication Research Methods	
or CN 305	Quantitative Communication Research Methods	
CN 498	Senior Capstone	3
or CN 491	Senior Capstone Internship	
Elective Courses - Select 21 hours from the following:		21
CN 154	Debate ²	
or CN 343	Debate	
CN 306	Health Communication	
CN 307	Communication in Legal Process	
CN 308	Organizational Communication	
CN 309	Political Communication	
CN 330	Communication in Conflict and Negotiation	
CN 340	Interviewing	
CN 341	Persuasive Speaking	
CN 342	Communication-Teams and Groups	
CN 350	Persuasion	
CN 351	Special Topics in Interpersonal Communication	

CN 352	Truth and Deception
CN 353	Environmental Communication
CN 354	Reputation Management
CN 361	Communication in Social Movements
CN 362	Sexual Communication
CN 363	Intercultural Communication
CN 364	Gender Communication
CN 365	Business/Professional Presentation
CN 366	Nonverbal Communication
CN 367	Crisis Communication
CN 368	The Rhetoric of Hip Hop and Rock n Roll
CN 369	Critical Studies
CN 370	Communication Training & Development
CN 395	Special Topics/Communication
CN 490	Directed Research

Total Hours 36

¹
Majors are not limited to 36 hours.

~~Note: Majors are not limited to 36 hours. Also, students are encouraged to consider a minor, but a minor is not required.~~

²
=
Limit of 3 hours can count toward the major.

Pathway

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/13/24 9:48 am):** Approved by Academic Affairs
Comments Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Nan Sun, x. 2102

SUBJECT: Significant Program Edits – Computer Information Science with Data Science Concentration, BS

Description / Rationale: To conform to the new general education requirements and to ensure the program does not exceed 120 total hours. Removed EN 208, CN 150 and MA 152 from program. Added CN 342 as an “or” option to existing CN 340 or CN 341 required course. Removed EC 201 as a required course and added it as an “or” option to EC 200.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: AAC on 2/12/2024

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 10/02/23 10:17 am

Viewing: **CM-DS : CM: Data Science: Science BS**

Last approved: 05/09/23 11:15 am

Last edit: 02/13/24 9:47 am

Changes proposed by: Nan Sun (nan.sun)

Catalog Pages Using this Program [BS, Computer Information Science with Data Science Concentration](#)

Change Type [Significant](#)
Summarize To conform to the new general education requirements and to ensure the program is close to
Changes and 120 total hours.
Include Rationale

General Information

Effective Catalog Edition 2024-2025
Department Computer Information Sciences
College College of Arts and Sciences
Division Natural Science & Mathematics
Degree Level Undergraduate
Program Title CM: Data [Science](#): [Science](#) [BS](#)
Degree to be Offered Bachelor of Science (BS)
Is this program offered completely online? [No](#)
Does this program lead to a teaching certification? No
Program Code CM-DS
Is this program an interdisciplinary program? No
CIP Code [11.0101](#) - [11.0101](#)
Modality [Hybrid](#)

Admission and Curriculum

Admission Criteria
Total Number of Semester Credit Hours for the Degree
Curriculum

In Workflow

1. Acad Ops
2. CM Chair
3. NSM Chair
4. CA Dean
5. CFCCC Chair
6. Assoc Dean CFC
7. CA Assoc Dean
8. Governance Check
9. Final Acad Ops
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 10/02/23 10:28 am
Holly Broxterman (holly.broxterman):
Approved for Acad Ops
2. 10/02/23 10:45 am
Nan Sun (nan.sun):
Approved for CM Chair
3. 10/02/23 10:46 am
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
4. 10/02/23 4:52 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
5. 12/03/23 3:03 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
6. 12/11/23 3:57 pm
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
7. 02/07/24 5:41 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean
8. 02/08/24 8:49 am
Holly Broxterman (holly.broxterman):
Approved for Governance Check
9. 02/08/24 8:50 am
Holly Broxterman (holly.broxterman):

Approved for Final
Acad Ops
10. 02/13/24 9:47 am
Holly Broxterman
(holly.broxterman):
Approved for AA
Committee

History

1. Apr 21, 2022 by
clmig-jwilling
2. Jul 15, 2022 by
Steve Luoma
(steven.luoma)
3. Sep 30, 2022 by
Holly Broxterman
(holly.broxterman)
4. May 4, 2023 by
Holly Broxterman
(holly.broxterman)
5. May 4, 2023 by
Holly Broxterman
(holly.broxterman)
6. May 5, 2023 by
Holly Broxterman
(holly.broxterman)
7. May 9, 2023 by
Holly Broxterman
(holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Science degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Required Courses Inside Department ^{1,2}

CM 111	Introduction to Structured Programming	4
CM 231	Computer Organization/Assembler Language	3
CM 245	Contemporary Programming Methods	3
CM 261	Networked Systems	3
CM 307	Data Structures & Algorithmic Analysis	3
CM 322	Operating Systems	3
CM 331	Artificial Intelligence	3
or CM 332	Data Mining	
CM 333	Software Engineering	3
CM 334	Modeling with VBA/Excel	3
CM 336	Database Management Systems	3
CM 465	Computer Information Science Capstone Project	3
CM XXX	Any CM electives	6
CM 3XX	Upper Division CM electives	6

Correlated Courses

Subtotal	46
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Computer Information Science Required

Required Courses Outside Department

BU 342	Organization & Management	3
or BU 346	Organizational Behavior	
EN 208	Professional Writing	3
CN 150	Public Speaking	3
CN 340	Interviewing	3
or CN 341	Persuasive Speaking	
or CN 342	Communication-Teams and Groups	
EC 200	Principles of Microeconomics	3
or EC 201	Principles of Macroeconomics	
EC 201	Principles of Macroeconomics	3
MA 140	Statistics	3
MA 151	Calculus & Analytic Geometry I	5
MA 152	Calculus & Analytic Geometry II	5
MA 206	Discrete Mathematics for Computing	3
MA 301	Linear Algebra	3
MA 346	Regression Analysis	3
or MA 342	Statistical Computing	
MA 384	Theory of Interest	3
or MA 344	Mathematical Statistics I	
PH 220	Symbolic Logic	3
Subtotal		32
Computer Information Science Electives		
Total Hours		78

1

=

A 30-hour concentration in the Division of Natural Sciences and Mathematics is required. If the concentration is in Math, the student must take MA 152 Calculus & Analytic Geometry II. At least 20 of these hours must be selected from one discipline.

2

=

Transfer students must complete at least nine upper division hours in computer information sciences from Washburn University.

~~Degree Requirements Students must also meet the Bachelor of Science University Requirements. A 30-hour concentration in the Division of Natural Sciences and Mathematics is required. If the concentration is in Math, the student must take MA 152 Calculus & Analytic Geometry II. At least 20 of these hours must be selected from one discipline. Transfer students must complete at least nine upper division hours in computer information sciences from Washburn University.~~

Pathway

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/13/24 9:47 am)**: Approved by Academic Affairs
 Comments Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Nan Sun, x. 2102

SUBJECT: Significant Program Edits – Computer Information Science with Digital Forensics Concentration, BA

Description / Rationale: To conform to the new general education requirements and to ensure the program does not exceed 120 total hours. Added CJ 115 as an “or” option to existing AN 118 required course. Removed PY 100, EN 208, CN 150. Added CJ 325 or CJ 371 or CJ 374 for 3 credit hours. Added CN 342 as an “or” option to existing CN 340 or CN 341 required course.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: AAC on 2/12/2024

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 10/02/23 10:17 am

Viewing: **CM-DF-BA : CM/Digital Forensics: BA**

Last approved: 05/09/23 11:19 am

Last edit: 02/13/24 9:47 am

Changes proposed by: Nan Sun (nan.sun)

Catalog Pages Using this Program [BA, Computer Information Science with Digital Forensics Concentration](#)

Final Catalog Edition 2024-2025

Change Type **Significant**
Summarize To conform to the new general education requirements and to ensure the program does not
Changes and exceed 120 total hours.
Include Rationale

General Information

Effective Catalog Edition 2024-2025

Department Computer Information Sciences

College College of Arts and Sciences

Division Natural Science & Mathematics

Degree Level Undergraduate

Program Title CM/Digital Forensics: BA

Degree to be Offered Bachelor of Arts (BA)

Is there a Washburn Related

Is this program offered completely online?

Does this program lead to a teaching certification? No

Program Code CM-DF-BA

Concentration

Is this program an interdisciplinary program? No

Interdisciplinary

CIP Code [11.0101](#) - [11.0101](#)

Modality **Hybrid**

New Program Header

Statement of Justification/Rationale for Offering the Program

Program Demand

In Workflow

1. Acad Ops
2. CM Chair
3. NSM Chair
4. CA Dean
5. CFCCC Chair
6. Assoc Dean CFC
7. CA Assoc Dean
8. Governance Check
9. AA Committee
10. Faculty Senate
11. General Faculty
12. WUBOR
13. Final Acad Ops
14. Registrar

Approval Path

1. 10/02/23 10:28 am
Holly Broxterman (holly.broxterman):
Approved for Acad Ops
2. 10/02/23 10:41 am
Nan Sun (nan.sun):
Approved for CM Chair
3. 10/02/23 10:42 am
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
4. 10/02/23 4:53 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
5. 11/14/23 12:32 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
6. 11/21/23 11:15 am
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
7. 02/07/24 5:41 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean
8. 02/07/24 6:00 pm
Holly Broxterman (holly.broxterman):
Approved for Governance Check
9. 02/13/24 9:47 am
Holly Broxterman (holly.broxterman):
Approved for AA

Projected Enrollment for the Initial Three Years of the Program

Implementation

Full-Time	Part-Time
Full-Time	Part-Time

Year 2

Full-Time	Part-Time Headcount
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Admission and Curriculum

Admission Criteria

Total Number of

Semester Credit

Hours for the

Degree

Curriculum

Committee

History

1. Apr 21, 2022 by clmig-jwillging
2. Jul 15, 2022 by Steve Luoma (steven.luoma)
3. Sep 30, 2022 by Holly Broxterman (holly.broxterman)
4. Apr 19, 2023 by Holly Broxterman (holly.broxterman)
5. May 4, 2023 by Holly Broxterman (holly.broxterman)
6. May 5, 2023 by Holly Broxterman (holly.broxterman)
7. May 9, 2023 by Holly Broxterman (holly.broxterman)

Degree Requirements

Computer Information Science Core

CM 111	Introduction to Structured Programming	4
CM 203	Digital Forensics I	3
CM 231	Computer Organization/Assembler Language	3
CM 245	Contemporary Programming Methods	3
CM 261	Networked Systems	3
Subtotal		16

Computer Information Science Required

CM 303	Digital Forensics II	3
CM 307	Data Structures & Algorithmic Analysis	3
CM 322	Operating Systems	3
CM 331	Artificial Intelligence	3
or CM 332	Data Mining	
CM 361	Introduction to Cybersecurity	3
CM 465	Computer Information Science Capstone Project	3
Subtotal		18

Computer Information Science Electives

Upper Division CM electives		6
Subtotal		6

Correlated Courses

AN 118	Introduction to Forensic Science	3
or CJ 115	Introduction to Forensic Investigations	
PY 100	Basic Concepts in Psychology	3
EN 208	Professional Writing	3
CJ 325	Applied Criminology	3

or CJ 371	Intro to Forensic Photography	
or CJ 374	Intro to 3-D Scanner	
CN 340	Interviewing	3
or CN 341	Persuasive Speaking	
or CN 342	Communication-Teams and Groups	
MA 140	Statistics	3
MA 141	Applied Calculus I	3-5
or MA 151	Calculus & Analytic Geometry I	
MA 206	Discrete Mathematics for Computing	3
PH 220	Symbolic Logic	3
CN 150	Public Speaking	3
Subtotal		21-23
Total Hours		61-63

Students must also meet the Bachelor of Arts University Requirements. Transfer students must complete at least nine upper division hours in Computer Information Sciences from Washburn University.

Pathway

Core Faculty

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/13/24 9:47 am):** Approved by Academic Affairs
 Comments Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Nan Sun, x. 2102

SUBJECT: Significant Program Edits – Computer Information Science, AA

Description / Rationale: To conform to the new general education requirements and to ensure the program is close to 60 total hours. Addition of CM 322, CM 330 and CM 334 as optional courses under “select one of the following” options. Removed EC 200, EC 201, CN 150 and EN 208 as required courses. Students must also meet the Associate of Arts University Requirements.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 09/19/23 2:57 pm

Viewing: **CM-AA : CM/Comp Info Science: AA**

Last approved: 05/03/23 4:37 pm

Last edit: 02/13/24 9:47 am

Changes proposed by: Nan Sun (nan.sun)

Catalog Pages Using this Program [AA, Computer Information Science](#)

Change Type [Significant](#)
Summarize To conform to the new general education requirements and to ensure the program is close to
Changes and 60 total hours.
Include Rationale

General Information

Effective Catalog Edition 2024-2025
Department Computer Information Sciences
College College of Arts and Sciences
Division Natural Science & Mathematics
Degree Level Undergraduate
Program Title CM/Comp Info Science: AA
Degree to be Offered Associate of Arts (AA)
Is this program offered completely online? [No](#)
Does this program lead to a teaching certification? No
Program Code CM-AA
Is this program an interdisciplinary program? No
CIP Code [11.0101](#) - [11.0101](#)
Modality

Admission and Curriculum

Admission Criteria
Total Number of Semester Credit [66](#)
Hours for the Degree
Curriculum

In Workflow

1. Acad Ops
2. CM Chair
3. Library
4. NSM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 09/20/23 10:07 am
Beth O'Neill
(beth.oneill):
Approved for Acad Ops
2. 09/20/23 10:43 am
Nan Sun (nan.sun):
Approved for CM Chair
3. 09/20/23 11:07 am
Sean Bird
(sean.bird):
Approved for Library
4. 10/02/23 10:39 am
Andrew Herbig
(andrew.herbig):
Approved for NSM Chair
5. 10/02/23 4:52 pm
Kelly Erby
(kelly.erby):
Approved for CA Dean
6. 11/14/23 12:32 pm
Bruce Mactavish
(bruce.mactavish):
Approved for CFCCC Chair
7. 11/21/23 11:15 am
Kelly Erby
(kelly.erby):
Approved for Assoc Dean CFC
8. 02/07/24 5:41 pm
Kelly Erby
(kelly.erby):
Approved for CA Assoc Dean
9. 02/07/24 5:59 pm
Holly Broxterman
(holly.broxterman):

Approved for
Governance Check
10. 02/13/24 9:47 am
Holly Broxterman
(holly.broxterman):
Approved for AA
Committee

History

1. Apr 21, 2022 by
clmig-jwilling
2. Jul 15, 2022 by
Steve Luoma
(steven.luoma)
3. Sep 30, 2022 by
Holly Broxterman
(holly.broxterman)
4. Apr 19, 2023 by
Holly Broxterman
(holly.broxterman)
5. May 3, 2023 by
Holly Broxterman
(holly.broxterman)

Degree Requirements

Computer Information Science Required

CM 111	Introduction to Structured Programming	4
CM 231	Computer Organization/Assembler Language	3
CM 245	Contemporary Programming Methods	3
CM 261	Networked Systems	3

Select one of the following:

CM 307	Data Structures & Algorithmic Analysis	
CM 335	Advanced Application Programming & Design	
CM 361	Introduction to Cybersecurity	
CM 322	Operating Systems	
CM 330	Web Development II	
CM 334	Modeling with VBA/Excel	

Subtotal 16

Computer Information Science Electives

Any CM elective	3
Upper Division CM elective	3
Subtotal	6

Correlated Courses

EC 200	Principles of Microeconomics	3
EC 201	Principles of Macroeconomics	3
MA 140	Statistics	3
MA 206	Discrete Mathematics for Computing	3
CN 150	Public Speaking	3
EN 208	Professional Writing	3

Subtotal 6

Students must also meet the Associate of Arts University Requirements.

Pathway

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/13/24 9:47 am):** Approved by Academic Affairs
Comments Committee in 2/12/2024 meeting.

FACULTY AGENDA ITEM

Date: 2/19/2023

Submitted by: Nan Sun, x. 2102

SUBJECT: Significant Program Edits – Computer Information Science, BS

Description / Rationale: To conform to the new general education requirements and to ensure the program does not exceed 120 total hours. Removed EN 208 and CN 150 from program. Added CN 342 as an “or” option to existing CN 340 or CN 341 required course. Removed EC 201 as a required course and added it as an “or” option to EC 200.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *Approval by AAC/.FAC/FS/ Gen Fac, etc*

Approved by: *AAC on 2/12/2024*

FAC on date

Faculty Senate on date

Attachments Yes No

Program Change Request

Date Submitted: 10/02/23 10:16 am

Viewing: **CM : CM/Comp Info Science: BS**

Last approved: 05/04/23 4:10 pm

Last edit: 02/13/24 9:48 am

Changes proposed by: Nan Sun (nan.sun)

Catalog Pages Using this Program [BS, Computer Information Science](#)

Effective Catalog Edition 2024-2025

Rationale for

Change Type **Significant**

Summarize To conform to the new general education requirements and to ensure the program is close to
Changes and 120 hours.
Include Rationale

In Workflow

1. Acad Ops
2. CM Chair
3. NSM Chair
4. CA Dean
5. CFCCC Chair
6. Assoc Dean CFC
7. CA Assoc Dean
8. Governance Check
9. Final Acad Ops
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

General Information

Effective Catalog Edition	2024-2025
Department	Computer Information Sciences
College	College of Arts and Sciences
Division	Natural Science & Mathematics
Degree Level	Undergraduate
Program Title	CM/Comp Info Science: BS
Degree to be Offered	Bachelor of Science (BS)
Is there a Related	
Is this program offered completely online?	No
Does this program lead to a teaching certification?	No
Program Code	CM
Is this program an interdisciplinary program?	No
Interdisciplinary	
CIP Code	11.0101 - 11.0101
Modality	Hybrid

Approval Path

1. 10/02/23 10:28 am
Holly Broxterman (holly.broxterman):
Approved for Acad Ops
2. 10/02/23 10:43 am
Nan Sun (nan.sun):
Approved for CM Chair
3. 10/02/23 10:43 am
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
4. 10/02/23 4:51 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
5. 11/14/23 12:32 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
6. 11/21/23 11:15 am
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
7. 02/07/24 5:41 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean
8. 02/08/24 8:49 am
Holly Broxterman (holly.broxterman):
Approved for Governance Check
9. 02/08/24 8:50 am
Holly Broxterman (holly.broxterman):

New Program Header

Statement of Justification/Rationale for Offering the Program

Program Demand

Projected Enrollment for the Initial Three Years of the Program

Implementation

Full-Time Part-Time

Full-Time Part-Time

Year 2

Approved for Final Acad Ops
10. 02/13/24 9:48 am
Holly Broxterman (holly.broxterman):
Approved for AA Committee

Admission and Curriculum

Admission Criteria

Total Number of

Semester Credit

Hours for the

Degree

Curriculum

History

1. Apr 21, 2022 by clmig-jwilling
2. Jul 15, 2022 by Steve Luoma (steven.luoma)
3. Sep 28, 2022 by Holly Broxterman (holly.broxterman)
4. Apr 19, 2023 by Holly Broxterman (holly.broxterman)
5. May 4, 2023 by Holly Broxterman (holly.broxterman)
6. May 4, 2023 by Holly Broxterman (holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Science degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

Required Courses Inside Department ^{1,2}

CM 111	Introduction to Structured Programming	4
CM 231	Computer Organization/Assembler Language	3
CM 245	Contemporary Programming Methods	3
CM 261	Networked Systems	3
CM 307	Data Structures & Algorithmic Analysis	3
CM 322	Operating Systems	3
CM 331	Artificial Intelligence	3
or CM 332	Data Mining	
CM 333	Software Engineering	3
CM 336	Database Management Systems	3
CM 361	Introduction to Cybersecurity	3
CM 465	Computer Information Science Capstone Project	3
CM XXX	Any CM electives	6
CM 3XX	Upper Division CM electives	6

Correlated Courses

Subtotal 46

Computer Information Science Required

Required Courses Outside Department

BU 342	Organization & Management	3
or BU 346	Organizational Behavior	

EN 208	Professional Writing	3
CN 150	Public Speaking	3
CN 340	Interviewing	3
or CN 341	Persuasive Speaking	
or CN 342	Communication-Teams and Groups	
EC 200	Principles of Microeconomics	3
or EC 201	Principles of Macroeconomics	
EC 201	Principles of Macroeconomics	3
MA 140	Statistics	3
MA 151	Calculus & Analytic Geometry I	5
MA 206	Discrete Mathematics for Computing	3
PH 220	Symbolic Logic	3
Subtotal		23

Computer Information Science Electives

Total Hours 69

~~1 = A 30-hour concentration in the Division of Natural Sciences and Mathematics is required. If the concentration is in Math, the student must take MA 152 Calculus & Analytic Geometry II. At least 20 of these hours must be selected from one discipline. At least 3 hours must be upper division.~~

~~2 = Transfer students must complete at least nine upper division hours in Computer Information Sciences from Washburn University.~~

~~Degree Requirements - Students must also meet the Bachelor of Science University Requirements. A 30-hour concentration in the Division of Natural Sciences and Mathematics is required. If the concentration is in Math, the student must take MA 152 Calculus & Analytic Geometry II. At least 20 of these hours must be selected from one discipline. At least 3 hours must be upper division. Transfer students must complete at least nine upper division hours in Computer Information Sciences from Washburn University.~~

Pathway

Core Faculty

Faculty Workload Analysis

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer **Holly Broxterman (holly.broxterman) (02/13/24 9:48 am):** Approved by Academic Affairs
 Comments Committee in 2/12/2024 meeting.

FACULTY AGENDA INFORMATIONAL ITEM

Date: 2/19/2023

Submitted by: CAS / Andrew Herbig, x. 1769

SUBJECT: Informational Item - Decrease the Natural Sciences concentration requirement for Bachelor of Science degrees from 20 hours in one department to 15 hours.

Description / Rationale: The main rationale is a student-centered one that provides more flexibility in taking a variety of courses in the students' interest and/or career goals. Primarily, dropping the hours from 20 to 15 hours in one department provides students an opportunity to take a greater variety of science courses for their NS concentration. For example, most B.S. biology students take 20 hours of chemistry, but their future goals might not need them to have 20 hours of chemistry. Thus, they would benefit by taking a course or two from another science discipline that would help them after graduation. For example, they might choose to take a CM course in computer programming or another MA or PS course. The change is also likely to help students "double-dip" credit hours with some of the new interdisciplinary minors, especially the bioinformatics minor that is currently being developed.

It should be noted that both the departments of SO/AN and KN have stated that this change will not affect them.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: *None – Informational*

Attachments Yes No

New Proposal

Date Submitted: 10/26/23 10:23 pm

Viewing: **Natural Science Concentration Hours Change to Bachelor of Science Degrees**

Last edit: 10/26/23 10:23 pm

Changes proposed by: Andrew Herbig (andrew.herbig)

Request Type	Policy Request or Change
Title	Natural Science Concentration Hours Change to Bachelor of Science Degrees
Request Details	Decrease the Natural Sciences concentration requirement for Bachelor of Science degrees from 20 hours in one department to 15 hours.

The main rationale is a student-centered one that provides more flexibility in taking a variety of courses in the students' interest and/or career goals. Primarily, dropping the hours from 20 to 15 hours in one department provides students an opportunity to take a greater variety of science courses for their NS concentration. For example, most B.S. biology students take 20 hours of chemistry, but their future goals might not need them to have 20 hours of chemistry. Thus, they would benefit by taking a course or two from another science discipline that would help them after graduation. For example, they might choose to take a CM course in computer programming or another MA or PS course. The change is also likely to help students "double-dip" credit hours with some of the new interdisciplinary minors, especially the bioinformatics minor that is currently being developed.

It should be noted that both the departments of SO/AN and KN have stated that this change will not affect them.

Supporting Documents [Bachelor of Science Degree proposal 20 to 15 catalog change.pdf](#)

Reviewer Comments

In Workflow

1. NSM Chair
2. CA Dean
3. CFCCC Chair
4. Assoc Dean CFC
5. CA Assoc Dean
6. Governance Check
7. Final Acad Ops
8. Registrar

Approval Path

1. 10/27/23 11:51 am
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
2. 10/27/23 4:54 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
3. 11/14/23 12:32 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
4. 11/21/23 11:15 am
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
5. 02/07/24 5:41 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean

Key: 15