

**Washburn University
Meeting of the Faculty Senate
October 15, 2018
3:00 PM – Forum Room, BTAC**

- I. Call to Order**
- II. Approval of minutes of the Faculty Senate Meeting of September 17, 2018 (pp. 2-5)**
- III. President’s Opening Remarks**
- IV. Report from the Faculty Representative to the Board of Regents**
- V. VPAA Update—Dr. JuliAnn Mazachek**
- VI. Faculty Senate Committee Reports:**
- VII. University Committee Reports:**
 - Receipt of International Education /International WTE Committee minutes from August 29, 2018 (p.6)**
 - Receipt of Library Committee Minutes from September 20, 2018 (pp. 7-9).**
- VIII. Old Business**
 - 19-1 New Minor in CIS (pp. 10-11)**
 - 19-2 Bachelor of Arts in Mathematics (pp. 12-14)**
 - 19-3 Bachelor of Science in Mathematics (pp. 15-17)**
 - 19-4 Bachelor of Education in Physical Education (pp. 18-20)**
 - 19-5 Bachelor of CIS (pp. 21-23)**
 - 19-6 Musical Theatre Concentration (pp. 24-28)**
 - 19-7 Bachelors in Computational Physics (pp. 29-31)**
 - 19-8 Proposed Inclusivity Statement (pp. 32-33)**
- IX. New Business**
- X. Information Items:**
- XI. Discussion Items:**
- XII. Announcements**
- XIII. Adjournment**

**Washburn University
Meeting of the Faculty Senate
September 17, 2018
3:00 PM – Forum Room, BTAC**

PRESENT:

Ball, Barker, Byrne, Cook (Matthew), Cook (Sarah), Erby, Fredrickson, Grant (Emily), Grant (Erin),
Hickman, Jones, Krug, Mazachek, Menager, Menninger-Corder, Morse, Pierce, Prasch, Ricklefs,
Sheldon, Smith, Steffen, Thor, Todwong, Wasserstein, Watson, Wilson, Wohl, Worsley

ABSENT:

Jackson, Jolicoeur, Lee, Mansfield, Memmer,

GUESTS:

Bearman, Bluml

- I. President Barker called the meeting to order at 3:03 pm.
- II. The minutes of the Faculty Senate meeting of August 20, 2018 were approved with typographical corrections.
- III. President's Opening Remarks:
 - Faculty Senate Members for all committees have been determined, except for the university wide promotion and tenure committee. Contact Rick Barker if you are interested. Sheldon said that if you are currently chairing someone's tenure committee, you are not eligible. Ball said this may not be true, as they have an individual in her school doing both. Sheldon had been removed from the university wide committee when she was chairing. Ball stated that she has not seen official language regarding such a policy anywhere.
 - Barker brought up the issue of parking behind Henderson filling up quickly, especially on game days, which is bothersome. Some members suggested they just move the cones and park. Barker stated that he will be speaking to higher ups regarding issues with reserved parking filling up due to game days behind Henderson and by the Art building.
 - Barker also mentioned that Carissa needs someone to volunteer for the New Student advisory board to help with planning new student and transfer student orientation days.
- IV. Report from the Faculty Representative to the Board of Regents: None
- V. VPAA Update—Dr. JuliAnn Mazachek
 - Mazachek will be assembling a committee to review and prepare a draft intellectual property policy for Washburn University. The committee will start this year. She would like to have a policy created and presented to the Board by the end of the fiscal year.
 - Mazachek and Ball will be speaking soon about the academic freedom of expression committee. After which, Ball will be presenting findings of the committee in faculty senate.

- In regards to the strategic plan, there had been plans that the findings would come forward in this Faculty Senate meeting, instead there will be work session with the board first and then the strategic plan will be presented to the board for approval, possibly as early as October.
- Mazachek passed around the WU Core Values statements for consideration. Currently, we are lacking Inclusion as one of the core values. This value is in the articles of association of Washburn University, but not part of current core values, which tend to change infrequently. These are not what but how we do things at Washburn. A number of committees and groups have reviewed a draft of what inclusion means. Erby led the small group asked to create this with Pratt (SOL), Dempsey Swopes (Diversity and Inclusion office), and Burdick (CAS / CTCL).
- Suggested additions to Washburn Core Values
 - “In keeping with the University’s founding heritage, we commit ourselves to the following core values” shall precede all core values listed.
 - Inclusion will come after the values of integrity and excellence. After discussion wording is as follows “Inclusion: cultivating an inclusive learning living, and working community, committing to the success of all people, and supporting all individuals.”
 - The following was in original documents but has been taken out for the current draft “... and sustaining the University’s founding heritage.”
- Conversation opened: Prasch suggested grammatical changes; also, it would be nice to have the heritage mentioned in this one specifically, as it is distinctive of Washburn. Sheldon said that with the introduction to the values mentioning heritage, there is no need to repeat the heritage within the value. Barker agreed. Prasch suggested that any university would claim to have the current values throughout their history, but could not claim inclusion. Erby clarified that what we meant by inclusion in the articles is not what we mean as inclusion now. To suggest that inclusion has been the same throughout our history may gloss over times when there was less of a commitment. Ball added that women and people of color were the focus in the beginning, but the statement includes more at this point. Prasch noted claiming that we have had integrity and excellence all along is not necessarily true either. Thor suggested that we include something about history elsewhere on the website. Morse added that if we leave as original, it stands out as the only bullet that harkens to history rather than future and present focused. Worsley argued that because the introduction now says something about WU heritage we do not need it within the value. Prasch argued that this value is very specific to the history of Washburn. Wasserstein noted that putting back verbiage about sustaining our history is being stagnant. She also suggested that faculty consider “supporting all individuals” rather than “ensuring all individuals are supported.” Jones asked whether we could bring back something about the articles of association instead of heritage. Mazachek stated that inclusion has been in the articles since 1865. There are statements in the articles, however, that we no longer include in daily business. Those on the diversity committee suggested that

there would be discomfort references to the articles as they mention a religious affiliation specific to the university that no longer exists. It is important that inclusion as a new core value be included with all new faculty orientation. She would like the faculty to agree to add Inclusion as a core value for the University. Smith wondered about why its placement is third. Mazachek stated simply that it should not be last, and it falls only behind integrity and excellence, so it seemed the best place for it.

- Is there general support for adding Inclusion to the core values in the revised strategic plan? Yes.

VI. Faculty Senate Committee Reports:

The Academic Affairs Committee Minutes from February 9, 2015 were approved.

VII. University Committee Reports:

The Honors Advisory Board Meeting Minutes from September 6, 2017 were received.

The Honors Advisory Board Meeting Minutes from February 7, 2018 were received.

The International Education /International WTE Committee Minutes from March 29, 2018 were received.

VIII. Old Business

None

IX. New Business

None

X. Information Items:

Alan Bearman attended to discuss and celebrate faculty efforts as part of Washburn University's retention efforts.

- Thanks for the work with student retention. A number of years ago Kansas BOR asked universities to increase retention by 10 percentage points. Used to be 58 percent. When an original snapshot (of retention) was taken, WU had been 62 percent. Goal was to get to 72 percent by 2020; we have reached this already and have been sustaining for about two years. These are first time, full time students at open admission universities. Wanted this gratitude to appear in the minutes.
- Retention focuses on more than first time full time students. There have been many goals, including (1) creating a language of student success, (2) retention of first time full time students, and now (3) an increase in on time graduation rates. We are retaining everyone at about nine percentage points higher than we have in the last ten years thanks in part to many changes in student life.
- The new program used to receive updates on student participation in class has already received about a 44 percent response rate from faculty. Staff is now able to contact students in need of support.
- Discussion: Mazachek said that this is a positive reflection of the character of campus. Faculty have embraced the technology and for that, she is

grateful. Steffen noted a concern about the language associated with “on time graduation.” We may see a negative impact of a push to graduate in five years. We have nontraditional students and people who have kids, etc. We should be careful about sending a message indicating failure if they do not graduate in five years. Mazachek and Bearman agreed the conversation needs refined to avoid that pressure.

XI. Discussion Items

None

XII. Announcements

- President Barker stated that we would meet at least once a month. We met today because it had been four weeks and he would prefer keep it from being six.
- Senate discussed more parking issues. For example, there are storage containers in Henderson lot that take up six spots. There are a number of new people working over in Lincoln and no new spots. Smith state that by Stouffer, the exit to 17th street is to be three lanes, but no one uses them. There need to be some lines painted to fix this. Cook (S) stated in the circle parking lot, there are two trees with nasty sap that drip on cars.
- Other issues to be noted: Thor noted that the food entrance by the memorial union smells of sewage. Mazachek said this is being fixed. Sheldon and other walkers would like to see cross walks on the west side of campus across Macvicar so they can cross between 17th and 21st. According to Mazachek, there are not crosswalks because there are not sidewalks on the other side of Macvicar. The only property we could put them on is on the grounds of the Foundation, and they already exist. Wohl noted that Petro is great.
- Barker would like to encourage faculty meet ups in the union on Fridays at lunch. He will work on scheduling something.
- Bluml came in place of Gropitch to announce that Student Life is working with groups of students on voter registration. If you want someone to come to your class regarding this, contact Gropitch. There is also a new 24/7 counseling service on campus, Protocol. You can call the counseling services line, choose option two, and be put in touch with someone to help deal with a crisis.

XIII. Adjournment 3:45

International Education /International WTE Committee

August 29, 4-5 pm, International House

In attendance: Liviu Florea, Tonya Kowalski, Courtney Sullivan, Ross Friesen, Nancy Tate (ex -officio), Baili Zhang, and Hilary Lolley (guest)

Lolley, co-leader of the study abroad program to Haiti (Haiti Life Line) presented in response to the State Department Travel warning to Haiti, and answered questions about the safety measures and local resources to ensure safety and security of the participants. Committee voted to approve the program to go ahead.

Minutes of March 29 meeting minutes were approved.

Zhang reported that international student enrollment was down this fall. Main factors include a sharp decrease in applicants from China, Saudi government scholarship cuts, and high visa rejection rate (70%) in Nepal.

Florea reported that the School of Business was hosting a visiting scholar, Xining Zhu, from China's Wuhan University of Science and Technology.

Kowalski reported that the Law School's new study abroad program in Osaka, Japan, led by Craig Martin, had a successful year.

Kwak's "Korean Language, Culture, and Economics" program proposal was approved as a WTE program.

Respectfully submitted,

Baili Zhang

Faculty Library Committee
Meeting September 20, 20 8
Mabee 105

4:00pm

1. Library Purchasing
 - A. Electronic
 - B. Print
2. Open Educational Resources
 - A. What are they?
 - B. A W U Plan
3. Mabee Facility
 - A. HVAC/Electrical
 - B. 3rd Floor

Library Committee Minutes

THURSDAY

September 20th, 2018

Room 105

4:00 p.m.

The Library Committee convened in Mabee Library/CSSR at 4:00PM. The following members were present: Dr. Adem, Dr. Bearman, Mr. Bird, Dr. Chamberlain, Dr. Conner, Dr. Menninger-Corder, Dr. Dahl, Dr. Douglass, Ms. Elliott, Ms. Eschenburg, Ms. Hawkins, Dr. Hine, Dr. Huff, Dr. Murphy, Dr. Nebel, Mr. Nyquist, Dr. O'Leary, Dr. Parada-Ramirez, Dr. Jim Smith, Dr. Joshua Smith, Dr. Thomas, and guest; Amanda Luke, Public/Open Access Librarian. Dr. Hull and Dr. Porta sent word they would be unable to attend.

Introduction of Library Committee Members.

Dr. Nebel nominated Dr. Mary Menninger-Corder as the Library Committee Chair for 2018/2019. Motion passed with acclamation. The committee thanked Dr. Nebel for her service.

Dr. Bearman reported on the ongoing budget constraints the library is facing and the reducing purchasing power of the Unit. Discussion Followed. Dr. Bearman talked about the importance of having a working relationship of each department with their library liaisons. A Library Liaison is assigned to each department to help make decisions regarding new purchases, cancellations, and the reallocation of resources. If any Department has a one-time purchase that they feel is critical to growing your program, contact your library liaison. (List attached)

Dr. Bearman introduced Amanda Luke, Public/Open Access Librarian. Discussion centered on Open Educational Resources (OER). The University of Kansas, led by their libraries, has become a leader in the open access movement with regard to research publications. Washburn could play an interesting and important role in the conversation regarding open access textbooks and student success. The key to open access adoption is to incentivize the faculty to reconsider the books they use and provide them the time and resources necessary to redesign their courses to accommodate open access materials. Amanda Luke presented a PowerPoint Presentation to the committee (attached). Discussion about an incentive/grant based model to encourage faculty to move towards OER, with a particular focus upon high enrollment courses. Interested faculty should meet with Amanda before submitting a proposal.

The potential exists that the Mabee Library will need to close for three to five days before the end of the present semester, so electricians can repair multiple issues exposed by our mid-summer fire in the mechanical room. If this shutdown needs to occur, Dr. Bearman will notify campus upon his receiving notice. In addition, Dr. Bearman briefly discussed the recently received building proposal to address the Mabee's HVAC and electrical systems. This massive project will be expensive and disruptive. Additional information will follow.

Construction project on the third floor is going well; it is both on schedule and on budget. Three classrooms is being built-High-Tech Immersive, Active Learning, and a Math Emporium. Tentative plans to occupy the third floor is around mid-November 2018. Dr. Bearman gave some members a tour of the third floor.

Meeting adjourned at 4:56PM

Respectfully submitted

Ginger D. Webber

Administrative Specialist



FACULTY AGENDA ITEM

Date:

Submitted by: *Bruce Mechtly x1160*

SUBJECT: *Minor in CIS*

Description: *Minor programs in Computer Information Science are individually designed by the student in consultation with a departmental advisor and subject to departmental approval. A minor will consist of 15 hours of Computer Information Science coursework, including at least six upper division hours. Courses may be broadly selected or may concentrate in an area of particular interest. CM100 and CM101 do not count for this minor.*

Rationale: *We are changing the number of hours required for the minor in CIS from 21 to 15. This will make it have the same number of hours as our new Minor in CIS with a Concentration in Digital Forensics.*

Financial Implications: *None*

Proposed Effective Date: *ASAP*

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

Approved by: *AAC on 10/8/2018*

FAC on

Faculty Senate on

Attachments Yes No

COLLEGE OF ARTS AND SCIENCES NEW PROGRAM REVIEW FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Bruce Mechtly</u>	<u>Approve</u>	<u>2017-08-29</u>
Division	<u>Jennifer Wagner</u>	<u>Approve</u>	<u>2017-09-15</u>
Dept. of Educ.	<u>N/A</u>		
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2017-09-18</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2017-10-02</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2017-11-14</u>
CAS Faculty	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-03-01</u>
Approved By:	Faculty Senate _____	University Faculty _____	WU Board of Regents _____

1. Title of Program.

Minor in Computer Information Sciences (CIP:)

2. Rationale for offering this program.

This is really a change, but the minor was not in the system. We are changing the number of hours required for the minor in CIS from 21 to 15. This will make it have the same number of hours as our new Minor in CIS with a Concentration in Digital Forensics.

3. Exact proposed catalog description.

Minor programs in Computer Information Science are individually designed by the student in consultation with a departmental advisor and subject to departmental approval. A minor will consist of 15 hours of Computer Information Science coursework, including at least six upper division hours. Courses may be broadly selected or may concentrate in an area of particular interest. CM100 and CM101 do not count for this minor.

4. List any financial implications.

None

5. Are any other departments affected by this new program? No

FACULTY AGENDA ITEM

Date: **August 29, 2018**

Submitted by: **Kevin Charlwood, Math/Stats Dept Chair (X-1499)**

SUBJECT: **Bachelor of Arts in Mathematics**

Description: **MA 343 Applied Statistics is being replaced by a choice of one of three courses selected from MA 340, MA 341 and MA 346 for pure math and a choice of MA 340 or MA 341 for actuarial science, and by MA 140 for the math for secondary education program. MA 153 Calculus III is now numbered MA 253. In the math for secondary education track, two new courses are added: MA 204 and MA 230. The Logic requirement of PH 110 or PH 220 for secondary education is replaced by the new MA 204 course. MA 250 Theory of Interest is now numbered MA 384.**

Rationale: **Mathematics & Statistics is making a program change to both the BA and BS options for the Mathematics (pure math) degree. With the advent of a fourth track in our department, Applied Statistics, the MA 343 Applied Statistics course required in all three of our current tracks will be replaced by a choice among three courses (two of them new, in the Applied Statistics track): (1) MA 340 ANOVA/Design of Experiments; (2) MA 341 Non-parametric Tests/Quality Control; and, (3) MA 346 Regression Analysis. The latter course has been in existence for many years, and is a key course in our actuarial science program. MA 343 covered aspects of all three of these courses, but this expansion of offerings in upper-division statistics is necessary for the new Applied Statistics track. MA 343 will be phased out by 2020.**

Financial Implications: **None**

Proposed Effective Date: **Fall 2019**

Request for Action: **Approval by AAC, FS and Gen Fac**

Approved by: *AAC on 9/24/18*

FAC on date

Faculty Senate on date

Attachments Yes X No

COLLEGE OF ARTS AND SCIENCES PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Kevin Charlwood</u>	<u>Approve</u>	<u>2017-11-28</u>
Division	<u>Jennifer Wagner</u>	<u>Approve</u>	<u>2017-11-28</u>
Dept. of Educ.	<u>Cherry Steffen</u>	<u>Approve</u>	<u>2017-12-01</u>
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2017-12-04</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2018-01-18</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-03-01</u>
CAS Faculty	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-03-01</u>

Approved By: **Faculty Senate** _____ **University Faculty** _____ **WU Board of Regents** _____

Program: Bachelor of Arts in Mathematics (CIP:)

1. Reason for this program change?

Re-doing my last two sets of entries for program changes to all three tracks, not realizing that they had not taken effect (until final approval). This set of changes encompasses the two earlier sets of changes.

2. Complete revised description.

Mathematics

Calculus (MA 151, 152, 253), Discrete Mathematics (MA 207), Linear Algebra (MA 301), one of the following three courses ANOVA/Design of Experiments (MA 340); Nonparametric Tests/Quality Control (MA 341); or, Regression Analysis (MA 346), Abstract Algebra (MA 354), Introduction to Real Analysis I (MA 371), Introduction to Real Analysis II (MA 372), Logic for Programming (PH 110) or Logic (PH 220), Mathematical Statistics (MA 344), a minimum of two hours of Problem Solving Strategies (MA 380), and Capstone Research (MA 388). In addition, 10-15 hours of correlated courses approved by the department are required. The correlated course requirement will be one of the following: Physics 261 and 262; Physics 281 and 282; EC 200, EC 201, BU 342, and BU 347; EC 200, EC 201, AC 224, AC 225, and BU 381; or a specially designed sequence to be approved by the Department Chair.

Mathematics (Secondary Education Specialization)

Statistics (MA 140), Calculus (MA 151, 152, 253), Number Theory and Discrete Math for Middle School and Secondary Teachers (MA 204), Discrete Mathematics (MA 207), Mathematics for Middle and Secondary Teachers (MA 230), Linear Algebra (MA 301), Abstract Algebra (MA 354), Modern Geometry (MA 367), Introduction to Real Analysis I (MA 371), a minimum of two hours of Problem Solving Strategies (MA 380), History of Mathematics (MA 381), and Capstone Research

(MA 388). Students seeking certification to teach mathematics must also be formally admitted to the University's Professional Teacher Education Programs. For admission requirements, see EDUCATION in this catalog.

Mathematics (Actuarial Science Specialization)

Calculus (MA 151, 152, 253), Linear Algebra (MA 301), one of the following two courses ANOVA/Design of Experiments (MA 340); Nonparametric Tests/Quality Control (MA 341), Mathematical Statistics (MA 344, MA 345), Regression Analysis (MA 346), Time Series Analysis (MA 348), Stochastic Processes (MA 347), Mathematical Theory of Interest (MA 384), Actuarial Mathematics (MA 385), Accounting (AC 224, AC 225), Economics (EC 200, EC 201), Business/Insurance - BU 374, BU 381, and BU 483.

3. Describe the nature of the proposed change.

MA 343 Applied Statistics is being replaced by a choice of one of three courses selected from MA 340, MA 341 and MA 346 for pure math and a choice of MA 340 or MA 341 for actuarial science, and by MA 140 for the math for secondary education program. MA 153 Calculus III is now numbered MA 253. In the math for secondary education track, two new courses are added: MA 204 and MA 230. The Logic requirement of PH 110 or PH 220 for secondary education is replaced by the new MA 204 course. MA 250 Theory of Interest is now numbered MA 384.

4. Do you currently have the equipment and facilities to teach the classes within the proposed change.

Yes.

5. Does this change affect any other departments? Yes

The Education department, as the math for secondary education track has education students in it.

FACULTY AGENDA ITEM

Date: **August 29, 2018**

Submitted by: **Kevin Charlwood, Math/Stats Dept Chair (X-1499)**

SUBJECT: **Bachelor of Science in Mathematics**

Description: **Re-doing program changes made to all three tracks in two earlier sessions, same as for the BA degree just submitted.**

Rationale: **Changes are the same as for the BA degree just submitted. MA 343 Applied Statistics is being replaced by a choice of MA 340 or 341 for actuarial science students, a choice of MA 340, 341 or 346 for pure math, and by MA 140 for secondary education students. MA 153 Calculus III is now numbered MA 253. MA 250 Theory of Interest is now numbered MA 384. MA 204 and MA 230 are new courses, now required in math for secondary education; MA 204 replaces the PH 110 or PH 220 Logic requirement.**

Financial Implications: **None**

Proposed Effective Date: **Fall 2019**

Request for Action: **Approval by AAC, FS and Gen Fac**

Approved by: *AAC on date 9/24/2018*

FAC on date

Faculty Senate on date

Attachments Yes X No

COLLEGE OF ARTS AND SCIENCES PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Kevin Charlwood</u>	<u>Approve</u>	<u>2017-11-28</u>
Division	<u>Jennifer Wagner</u>	<u>Approve</u>	<u>2017-11-28</u>
Dept. of Educ.	<u>Cherry Steffen</u>	<u>Approve</u>	<u>2017-12-01</u>
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2017-12-04</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2018-01-18</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-02-20</u>
CAS Faculty	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-03-01</u>

Approved By: **Faculty Senate** _____ **University Faculty** _____ **WU Board of Regents** _____

Program: Bachelor of Science in Mathematics (CIP:)

1. Reason for this program change?

Re-doing program changes made to all three tracks in two earlier sessions, same as for the BA degree just submitted.

2. Complete revised description.

Mathematics

Calculus (MA 151, 152, 253), Discrete Mathematics (MA 207), Linear Algebra (MA 301), one of the following three courses ANOVA/Design of Experiments (MA 340); Nonparametric Tests/Quality Control (MA 341); or, Regression Analysis (MA 346), Abstract Algebra (MA 354), Introduction to Real Analysis I (MA 371), Introduction to Real Analysis II (MA 372), Logic for Programming (PH 110) or Logic (PH 220), Mathematical Statistics (MA 344), a minimum of two hours of Problem Solving Strategies (MA 380), and Capstone Research (MA 388). In addition, 10-15 hours of correlated courses approved by the department are required. The correlated course requirement will be one of the following: Physics 261 and 262; Physics 281 and 282; EC 200, EC 201, BU 342, and BU 347; EC 200, EC 201, AC 224, AC 225, and BU 381; or a specially designed sequence to be approved by the Department Chair.

Mathematics (Secondary Education Specialization)

Statistics (MA 140), Calculus (MA 151, 152, 253), Number Theory and Discrete Math for Middle School and Secondary Teachers (MA 204), Discrete Mathematics (MA 207), Mathematics for Middle and Secondary Teachers (MA 230), Linear Algebra (MA 301), Abstract Algebra (MA 354), Modern Geometry (MA 367), Introduction to Real Analysis I (MA 371), a minimum of two hours of Problem Solving Strategies (MA 380), History of Mathematics (MA 381), and Capstone Research (MA 388). Students seeking certification to teach mathematics must also be formally admitted to

the University's Professional Teacher Education Programs. For admission requirements, see EDUCATION in this catalog.

Mathematics (Actuarial Science Specialization)

Calculus (MA 151, 152, 253), Linear Algebra (MA 301), one of the following two courses ANOVA/Design of Experiments (MA 340); Nonparametric Tests/Quality Control (MA 341), Mathematical Statistics (MA 344, MA 345), Regression Analysis (MA 346), Time Series Analysis (MA 348), Stochastic Processes (MA 347), Mathematical Theory of Interest (MA 384), Actuarial Mathematics (MA 385), Accounting (AC 224, AC 225), Economics (EC 200, EC 201), Business/Insurance - BU 374, BU 381, and BU 483.

3. Describe the nature of the proposed change.

Changes are the same as for the BA degree just submitted. MA 343 Applied Statistics is being replaced by a choice of MA 340 or 341 for actuarial science students, a choice of MA 340, 341 or 346 for pure math, and by MA 140 for secondary education students. MA 153 Calculus III is now numbered MA 253. MA 250 Theory of Interest is now numbered MA 384. MA 204 and MA 230 are new courses, now required in math for secondary education; MA 204 replaces the PH 110 or PH 220 Logic requirement.

4. Do you currently have the equipment and facilities to teach the classes within the proposed change.

Yes.

5. Does this change affect any other departments? Yes

Education, as our math for secondary education students are education majors.

FACULTY AGENDA ITEM

Date: **August 29, 2018**

Submitted by: **Roy Wohl, Kinesiology Dept Chair (X-1968)**

SUBJECT: **Bachelor of Education in Physical Education**

Description: **Changing the course number of KN333 to KN266 and updating the program description.**

Rationale: **The number for KN333 has been changed to KN266 and needs to be changed in the BEd-P12 Physical Education Teaching degree plan.**

Financial Implications: **None**

Proposed Effective Date: **Fall 2019**

Request for Action: **Approval by AAC, FS and Gen Fac**

Approved by: *AAC on date 9/24/2018*

FAC on date

Faculty Senate on date

Attachments Yes X No

COLLEGE OF ARTS AND SCIENCES PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Roy Wohl</u>	<u>Approve</u>	<u>2017-12-20</u>
Division	<u>Cherry Steffen</u>	<u>Approve</u>	<u>2018-01-17</u>
Dept. of Educ.	<u>Cherry Steffen</u>	<u>Approve</u>	<u>2018-01-17</u>
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2018-01-22</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2018-03-28</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-04-13</u>
CAS Faculty	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-04-19</u>

Approved By: **Faculty Senate** _____ **University Faculty** _____ **WU Board of Regents** _____

Program: Bachelor of Education in Physical Education (CIP:)

1. Reason for this program change?

The number for KN333 has been changed to KN266 and needs to be changed in the BEd-P12 Physical Education Teaching degree plan.

2. Complete revised description.

The following degree requirements are in addition to all university and general education requirements necessary for the Bachelor of Education degree.

The Bachelor of Education in P-12 Physical Education Teaching is designed for undergraduate students desiring to teach in the public school system. This degree is completed in conjunction with the Washburn University Education Department and prepares students to obtain their Kansas Teaching Licensure. In addition, a P-12 Physical Education Teaching Licensure program is offered for students who have graduated with a non-teaching degree in any discipline and want to pursue a licensure program in Physical Education.

BEd P-12 Physical Education Teaching requirements are:

Major requirements (25 credits): KN133 or KN134, KN248, KN250, KN266, KN299, KN306 or KN311, KN321, KN326, KN340 and current First Aid/CPR certification.

Elementary and Secondary PE certification requirements (17 credits): KN341, KN342, KN343, KN344, KN345, KN374, KN375, KN430.

Prerequisite Science requirements (7 credits): BI250, BI255.

Professional Education P-12 Certification Requirements (36 credits): ED150, ED225, ED285, ED300, ED302 or SE476, ED385, RD484, ED402, ED400, ED405, ED440 (student teaching).

Contact the Education Department for more information on specific Teacher Education admission requirements.

3. Describe the nature of the proposed change.

Changing the course number of KN333 to KN266 and updating the program description.

4. Do you currently have the equipment and facilities to teach the classes within the proposed change.

Yes

5. Does this change affect any other departments? No

FACULTY AGENDA ITEM

Date:

Submitted by: *Bruce Mechtly x1160*

SUBJECT: *CIS change in BS in CIS*

Description:

We dropped the requirement for MA207 and MA301 for the NSD concentration. Instead the student can take whatever MA classes they choose as long as 3 hours are at the upper-division level. We are also changing the word "minor" to "concentration". MA152 is still required if the concentration is in Math.

Rationale:

This change is to allow the degree to be completed with 120 hours. We are also changing the "minor" to "concentration" per recent votes at various levels of CAS. In addition we are requiring that at least 3 hours of the concentration be upper-division hours.

Financial Implications: *None.*

Proposed Effective Date: *ASAP*

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

Approved by: *AAC on 10/8/2018*

FAC on

Faculty Senate on

Attachments Yes No

COLLEGE OF ARTS AND SCIENCES PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Bruce Mechtly</u>	<u>Approve</u>	<u>2018-03-14</u>
Division	<u>Jennifer Wagner</u>	<u>Approve</u>	<u>2018-03-30</u>
Dept. of Educ.	<u>N/A</u>		
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2018-04-02</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2018-04-25</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-05-03</u>
CAS Faculty	<u>Bruce Mechtly</u>	<u>Approve</u>	<u>2018-09-21</u>
Approved By:	Faculty Senate _____	University Faculty _____	WU Board of Regents _____

Program: Bachelor of Science in Computer Information Science (CIP:)

1. Reason for this program change?

This change is to allow the degree to be completed with 120 hours. We are also changing the "minor" to "concentration" per recent votes at various levels of CAS. In addition we are requiring that at least 3 hours of the concentration be upper-division hours.

2. Complete revised description.

Computer Information Sciences Core - 13 hrs
 CM111 Intro to Structured Programming (4)
 CM231 Computer Organization/Assembler (3)
 CM245 Contemporary Programming Methods (3)
 CM261 Networked Systems I (3)

Computer Information Sciences Required - 21 hrs
 CM307 Data Structures & Algorithmic Analysis (3)
 CM322 Operating Systems (3)
 Either CM331 Computational Intelligence (3)
 or CM332 Data Mining (3)
 CM333 Software Engineering (3)
 CM336 Database Management Systems (3)
 CM361 Network Systems II (3)
 CM465 CIS Capstone Project (3)

Approved CM Electives - 12 hrs

These courses should be selected in consultation with a departmental advisor. Minimum of 6

hours must be upper division.

Correlated - 32 hrs

CN150 Public Speaking (3)
Either CN340 Professional Interviewing (3)
or CN341 Persuasive Speaking (3)
EC200 Princ of Microeconomics (3)
EC201 Princ of Macroeconomics (3)
Either BU342 Organization and Management (3)
or BU346 Organizational Behavior (3)
EN208 Business/Technical Writing (3)
PH220 Logic (3)
Either MA140 Statistics (3)
or MA343 Applied Statistics (3)
MA151 Calculus I (5)
MA206 Discrete Math - Computing (3)

Additional Bachelor of Science 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 and must be approved by the department chairperson. If the concentration is in Math, the student must take MA152. At least 20 of these hours must be selected from one discipline. At least 3 of these hours must be at the 300-level or higher.

3. Describe the nature of the proposed change.

Changes in wording of "minor" to "concentration". At least 3 hours of the concentration must be at the upper-division level.

4. Do you currently have the equipment and facilities to teach the classes within the proposed change.

Yes.

5. Does this change affect any other departments? No

FACULTY AGENDA ITEM

Date: August 29, 2018

Submitted by: Sharon Sullivan, Theatre Dept Chair (X-2246)

SUBJECT: Musical Theatre Concentration

Description: The Bachelor of Arts Degree in Theatre with a Musical Theatre concentration consists of forty (40) credit hours in Theatre, nine (9) credit hours of correlate courses in English, and fourteen (14) correlate credits in Music, in addition to the general education requirements of the College of Arts and Sciences. Nineteen (19) hours in the major are taken at the upper division level. The following courses are required for a major in theatre with a Musical Theatre concentration: TH 101 or 301 or 102, 202, 105, 205, 210, 218, 305, 309,310,318,410,416 and two from 211/311, 315, 316 or 317. In the English Department EN235, 236, and 336 are required correlate courses. In the Music Department MU 109, MU 215, four semester of ensembles and four semesters of voice lessons are required correlate courses.

Rationale: The Musical Theatre concentration prepares students for life as working artists in the theatre and further study in performance. Students develop skills in music, dance and acting. Practical training and creative experiences are coupled with an interdisciplinary liberal arts curriculum and a foundation in theatre history and theory. Students must audition for admittance to the concentration. The audition will evaluate music, dance and acting skills. Students are expected to participate in the Theatre Showcase each semester. Students are expected to audition and perform as cast. Students must pass a jury each year to remain in the concentration.

Financial Implications: As per performa, mainly adjunct salary

Proposed Effective Date: Fall 2019

Request for Action: Approval by AAC, FS and Gen Fae

Approved by: AAC on date 10/8/2018

FAC on date

Faculty Senate on date

Attachments Yes X No

COLLEGE OF ARTS AND SCIENCES NEW PROGRAM REVIEW FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Sharon Sullivan</u>	<u>Approve</u>	<u>2018-02-06</u>
Division	<u>Danielle Head</u>	<u>Approve</u>	<u>2018-02-06</u>
Dept. of Educ.	<u>Cherry Steffen</u>	<u>Approve</u>	<u>2018-02-28</u>
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2018-03-01</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2018-03-28</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-04-13</u>
CAS Faculty	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-04-19</u>
Approved By:	Faculty Senate _____	University Faculty _____	WU Board of Regents _____

1. Title of Program.

Musical Theatre Concentration (CIP:)

2. Rationale for offering this program.

Description: The Musical Theatre concentration prepares students for life as working artists in the theatre and further study in performance. Students develop skills in music, dance and acting. Practical training and creative experiences are coupled with an interdisciplinary liberal arts curriculum and a foundation in theatre history and theory. Students must audition for admittance to the concentration. The audition will evaluate music, dance and acting skills. Students are expected to participate in the Theatre Showcase each semester. Students are expected to audition and perform as cast. Students must pass a jury each year to remain in the concentration.

3. Exact proposed catalog description.

Degree Requirements: The Bachelor of Arts Degree in Theatre with a Musical Theatre concentration consists of forty (40) credit hours in Theatre, nine (9) credit hours of correlate courses in English, and fourteen (14) correlate credits in Music, in addition to the general education requirements of the College of Arts and Sciences. Nineteen (19) hours in the major are taken at the upper division level. The following courses are required for a major in theatre with a Musical Theatre concentration: TH 101 or 301 or 102, 202, 105, 205, 210, 218, 305, 309,310, 318, 410, 416 and two from 211/311, 315, 316 or 317. In the English Department EN235, 236, and 336 are required correlate courses. In the Music Department MU 109, MU 215, four semesters of ensembles and four semesters of voice lessons are required correlate courses.

Required Courses for the Major in Theatre with Musical Theatre Concentration:

*TH101/301 or TH102 Drama Classics or Intro to Theatre 3

*TH 202 Acting 1 3
 *TH218 Acting and Directing Workshop I 3
 *TH318 Acting and Directing Workshop II 3
 *TH 211/311, 315, 316, 317 2 Tech production classes 6
 TH105 Dance I 3
 TH205 Dance II 3
 TH305 Dance III 3
 TH210 Musical Theatre Performance I 3
 TH310 Musical Theatre Performance II 3
 TH410 Musical Theatre Performance III 3
 TH309 Musical Theatre History 3
 *TH416 Capstone 1 =40
 Correlate Music Courses:
 MU215 Music Theory 4
 Private Voice Lessons (4 semesters @1 cr/ea) 4
 Music Ensembles (4@1cr/ea-in consultation with director) 4
 MU109 Beginning Piano 2 =14

Correlate English Courses:

*EN235 Survey of Drama 1 3
 *EN236 Survey of Drama 2 3
 *EN 336 Contemporary Drama 3 =9
 TOTAL =63

Student Learning Outcomes: By the end of their program students should

Demonstrate performances skills that include:

- Voice production and technique to create roles in full productions (speaking and singing)
- Vocal interpretation and role preparation skills that enable understanding and performance of roles from a wide variety of styles.
- Musicianship, sight-singing competence and analytic skills
- Stage movement and dance skills in at least 3 styles of musical theatre dance genres
- Integration of voice, movement and acting skills.

Demonstrate proficiency in implementation of skills and knowledge of:

- Basic production elements such as costume, sets and props, lighting, makeup and sound.
- Script analysis, dramatic literature and history, and musical theatre repertory.
- Audition and business techniques for musical theatre performers.

4. List any financial implications.

Dance (adjunct)-1 class/semester for 1 year
 2 classes/semester for year 2 forward

Musical Theatre Performance-taught by Dr. Noonan.
 Requires an adjunct accompanist

TH300 Musical Theatre History-taught by Dr. Noonan once every 4 semesters

Tune piano in GC 32 every semester est. \$300/annual
 GC 32 Wooden Floor care est. \$300/annual

Sound System equipment and monitors for musicians \$8606
Add additional electrical outlets to stage estimated \$6000
Music Stands and stand lights (10 each) \$812.40

Purchase scores annually (\$300)

5. Are any other departments affected by this new program? Yes

We will require 14 hours in correlate music courses: MU109 (2cr) Beginning Piano, MU215 Music Theory I, 4 sections of choir or voice ensemble (4cr), 4 sections of private voice lessons (4cr). Music has agreed to support this program and offer these classes to our Musical Theatre students.

Program Name	Musical Theatre Concentration	(e.g., FY13, FY14, etc.)											
		Year 0 - Preparation		Year 1		Year 2		Year 3		Year 4		Year 5	
Revenue:		# Students	# Cr Hrs	# Students	# Cr Hrs	# Students	# Cr Hrs	# Students	# Cr Hrs	# Students	# Cr Hrs	# Students	# Cr Hrs
Est. Students/Cr Hrs		0	5	15	15	10	15	15	15	20	15	25	15
Total Credit Hours		0	75	150	150	150	225	300	300	300	375	375	375
Tuition Rate		281	281	281	281	281	281	281	281	281	281	281	281
Other Revenue Sources													
Total Revenue		0	\$21,075	\$42,150	\$42,150	\$63,225	\$63,225	\$84,300	\$84,300	\$105,375	\$105,375		

Ongoing Expenses:	Year 0 - Preparation	Year 1	FTE	Year 2	FTE	Year 3	FTE	Year 4	FTE	Year 5	FTE
1st Faculty Member											
Benefits (25%)											
2nd Faculty Member											
Benefits (25%)											
3rd Faculty Member											
Benefits (25%)											
(Continue to add as needed)											
Secretary	0										
Benefits (25%)											
Adjunct Faculty	3,800			5,700		5,700		5,700		5,700	
Student stipends											
Supplies	300			300		300		300		300	
Marketing	600			600		600		600		600	
Travel								1,500		1,500	
Online Course Development											
Professional Development	250			250		250		250		250	
Accreditation/Membership											
Support Materials											
Total Expenses	4,950	16,125	6,850	35,300	6,850	56,375	6,850	75,950	6,850	97,025	8,350

Total Net Revenue	Year 0 - Preparation	Year 1	FTE	Year 2	FTE	Year 3	FTE	Year 4	FTE	Year 5	FTE
	\$ -	\$ 16,125	\$	\$ 35,300	\$	\$ 56,375	\$	\$ 75,950	\$	\$ 97,025	\$

One-time Startup Costs	Year 0 - Preparation	Year 1	Year 2	Year 3	Year 4	Year 5
Furniture						
Office Equipment						
Computer/Software						
Other Electronic Hardware						
Renovation	6000					
Program Equipment	9418.4					
Initial Accreditation Costs						
Program Development						
Membership						
Release Time to Develop						
Consultant						
Site Visit						
Inservice/Preservice Prep						

Footnotes: Renovation-additional electric outlets for stage est. \$6000
 Program equipment includes: Monitor system, microphones and intallation. \$8606.00 and
 Music Stands and lights (10 sets) \$812.4

FACULTY AGENDA ITEM

Date: October 8, 2018

Submitted by: Karen Camarda, ext. 2145

SUBJECT: Bachelor of Science in Computational Physics

Description: The proposed change is the elimination of CM 170, CM 244, and MA 376 as required correlated courses for the Bachelor of Science in Computational Physics degree.

Rationale: The primary reason for the proposed removal of CM 170 (Fortran Programming), CM 244 (The C Programming Language), and MA 376 (Numerical Analysis) from the list of required correlated courses for the Bachelor of Science in Computational Physics degree is that these courses are no longer regularly offered. This change would also ensure that the degree can be completed in 120 credit hours. Much of the material that would be covered by these courses, namely numerical analysis and a higher-level programming language, is covered in Physics 366 (Introduction to Computational Physics), which will still be required.

Financial Implications: None

Proposed Effective Date: Fall 2019

Request for Action: Approval by AAC

Approved by: AAC on date 10/8/2018

FAC on date

Faculty Senate on date

Attachments Yes No

COLLEGE OF ARTS AND SCIENCES PROGRAM CHANGE FORM

	Chair's Signature	Recommendation	Review Date
Department	<u>Steve Black</u>	<u>Approve</u>	<u>2018-03-16</u>
Division	<u>Jennifer Wagner</u>	<u>Approve</u>	<u>2018-03-30</u>
Dept. of Educ.	<u>N/A</u>		
<small>(If relates to teacher certification program.)</small>			
Dean	<u>Laura Stephenson</u>	<u>Approve</u>	<u>2018-04-02</u>
Curriculum Committee	<u>Linzi Gibson</u>	<u>Approve</u>	<u>2018-04-25</u>
Accepted by CFC	<u>Julie Velez</u>	<u>Approve</u>	<u>2018-05-03</u>
CAS Faculty	<u>Bruce Mechtly</u>	<u>Approve</u>	<u>2018-09-21</u>
Approved By:	Faculty Senate _____	University Faculty _____	WU Board of Regents _____

Program: Bachelor of Science in Computational Physics (CIP:)

1. Reason for this program change?

Three required correlated courses are no longer taught on a regular basis. These courses are CM170 (Fortran Programming), MA376 (Numerical Analysis), and CM244 (The C Programming Language). Thus these three courses are to be removed from the required correlated courses for the B.S in Computational Physics. Fortran is the language used in the PS366 (Introduction to Computational Physics) course, and the course covers many topics in numerical analysis. This change also insures that the degree can be completed in 120 hours.

2. Complete revised description.

To major in Computational Physics with a Bachelor of Science Degree, one must satisfactorily complete Physics 261 and 262 or 281 and 282, 291, 320, 330, 334, 335, 340, 350, 365, 366, and 368, and pass a written (Major Field Test) and/or oral comprehensive examination. The required correlated courses in Computer Information Sciences are 111, 113, 245, 307, and 390. The required correlated courses in Mathematics and Statistics are 151, 152, 253, 206, 241, 301, and 343.

3. Describe the nature of the proposed change.

Eliminating three required correlated courses.

4. Do you currently have the equipment and facilities to teach the classes within the proposed change.

Yes

5. Does this change affect any other departments? No

FACULTY AGENDA ITEM

Date: Oct. 7, 2018

Submitted by: Kelly Erby x2018

SUBJECT: Proposed Inclusivity Statement for all relevant Washburn University publications

Description: We propose that the following inclusivity statement be added to all relevant Washburn University publications:

At Washburn, we know we all benefit when we learn, live, and work with a wide variety of people. Therefore, in our classrooms we work to carry out the University's Diversity Mission Statement:

Washburn is committed to cultivating an inclusive learning, living, and working community, facilitating the success of all people, and supporting all individuals. An inclusive community values diversity in culture, subculture, socio-economic status, race, ethnicity, nationality, place of origin, language, ability, gender identity, gender expression, sexual orientation, religious and non-religious identity, political and social ideology, family background, veteran status, cognitive style, and age, as well as the intersections of these identities. The University strives to provide opportunities for its members to reflect upon their own perspectives while examining the perspectives of others, resulting in a culture of empathy and respect for all.

If you find there are barriers to your inclusion in this course, you are encouraged to discuss this with your instructor. For additional information and support, consult the list of campus offices and resources available at <https://www.washburn.edu/diversity/index.html>.

Rationale: We propose this statement be added to all relevant Washburn University Publications to signal to all students that Washburn values and respects diversity on our campus and to engage instructors in conversations related to diversity and inclusion.

Financial Implications: None

Proposed Effective Date: *Spring semester 2019*

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

Approved by: AAC on date 10/8/2018

FAC on date

Faculty Senate on date

Attachments Yes No