UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 12

Spring 2023

--REQUIREMENTS—

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective. Note: Items marked **{S}** have been streamlined and do not require Catalog Subcommittee review.

Department	Proposed	Effective Date
Chemical Engineering and Bioengineering Revise graduation requirements for BS in Bioengineering - General Option and change name of option to Biomedical Systems Option	**Bioengineering – ~~General~~ Biomedical Systems Option (120 Credits)** At least 50 of the total credits required for this degree must be in 300-400-level courses. Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses. **Admission to the Major Criteria – Bioengineering Program** Incoming first-year students, transfer students, and students changing from a different major may be admitted to the Bioengineering degree program upon completion of MATH 171 with a C or better or concurrent enrollment, and CHEM 105 with a C or better or concurrent enrollment. To remain in the major the student must earn a grade of C or better in all courses and maintain good academic standing (i.e. a 2.0 or higher GPA each term and an overall cumulative GPA of 2.0 at WSU). Students who are deficient under the University's Academic Regulations 38 and 39 or whose GPA in Bioengineering courses falls below 2.0 are subject to loss of eligibility of the major. The Bioengineering undergraduate studies committee will determine the eligibility for readmission and probation conditions for students who are deficient and apply for re-entry into the major. **Graduation Requirements** No Washington State University courses listed in this schedule of study may be taken on a pass/fail basis. With the exception of BIO ENG 140, 488, 495, 499, and ENGR 489, all listed BIO ENG courses, required electives, and the prerequisites to these courses must be completed with a grade of C or better. **First Year** ***First Term*** ***Credits*** ~~Arts [ARTS]~~ ~~3~~ BIO ENG 140 1 CHEM 105 [PSCI] 4	**8-23**

~~ENGLISH 101 [WRTG]~~	~~3~~
ENGR 120[1]	2
HISTORY 105 [ROOT] or 305 [ROOT]	3
MATH 171 [QUAN]	4
Second Term	***Credits***
~~BIO ENG 140~~	~~1~~
BIOLOGY 107 [BSCI]	4
CHEM 106 or 116	4
ENGLISH 101 [WRTG]	3
~~HISTORY 105 [ROOT] or 305 [ROOT]~~	~~3~~
MATH 172 or 182	4

Second Year

First Term	***Credits***
~~BIO ENG 205~~	~~1~~
CHE 201	3
CHEM 345	4
~~Humanities [HUM]~~	~~3~~
MATH 220 or 230	2 or 3
MATH 273 or 283	2
PHYSICS 201 and 211, or 205	4 or 5
Second Term	***Credits***
BIO ENG 210	~~2~~3
~~CE 211~~	~~3~~
MATH 315	3
MBIOS 303	4
PHYSICS 202 and 212, or 206	4 or 5
~~STAT 370 or 423~~	~~3~~
UCORE Inquiry[2]	3
Complete Writing Portfolio	

Third Year

First Term	***Credits***
BIO ENG 310	3
BIO ENG 315	3
BIO ENG 325 [M]	2
C E 211	3
STAT 370 or 423	3
~~BIO ENG 321~~	~~3~~
~~BIO ENG 322 [M]~~	~~1~~

~~BIO ENG 350~~	~~3~~
~~E E 261~~	~~3~~
Second Term	***Credits***
BIO ENG 305	3
BIO ENG 350	3
BIO ENG 360	3
Communication [COMM] or Written Communication [WRTG]	3
E E 261	3
~~BIO ENG 330~~	~~3~~
~~BIO ENG 340~~	~~4~~
~~Bioengineering Elective[2]~~	~~3~~
~~Diversity [DIVR]~~	~~3~~
~~ECONS 101 [SSCI], 102 [SSCI], or 198~~	~~3~~

Fourth Year

First Term	***Credits***
BIO ENG 410 [M]	3
BIO ENG 420	3
BIO ENG 430	3
ECONS 101 [SSCI], 102 [SSCI], or 198	3
UCORE Inquiry[2]	3
~~BIO ENG 440~~	~~4~~
~~Communication [COMM] or Written Communication [WRTG]~~	~~3~~
~~Technical Electives[3]~~	~~6~~
Second Term	***Credits***
BIO ENG 411 [CAPS]	3
BIO ENG 440	3
Bioengineering Electives[3]	3
Technical Electives[4]	~~6~~3
UCORE Inquiry[2]	3
~~Elective~~	~~1~~
Complete BIO ENG Exit Interview	

Footnotes

[1] 3 credit 300-400-level engineering course may be substituted for ENGR 120 by approval of advisor.

[2] Must complete 3 of these 4 UCORE categories: ARTS, DIVR, EQJS, HUM.

[3] Bioengineering Electives (~~6~~3 credits): ~~Must have a BIO ENG subject, selected from the following: BIO ENG 425, 435, 455, 476, or 481.~~ Any 400-level BIO ENG course not used to fulfill major requirements. A maximum of 3 credits is allowed in BIO ENG 488, 495, and 499 combined.

[4] Technical Electives (~~12~~3 credits): Approved courses include BIOLOGY 106, 251, CPT S 121, E E 214, 262, ME 116, 212, 216, MSE 201, ~~PHIL 365,~~ any 300-400 level BIO ENG, BIOLOGY, CE, CHE, CHEM, CPT S, E E, MATH, MBIOS, ME, MSE, NEUROSCI, PHYSICS, or STAT course as approved,

	or other courses as approved by advisor. ~~Must include sufficient 300-400-level courses to meet University requirement of 40 credits upper-division coursework.~~	
Chemical Engineering and Bioengineering Under BS in Bioengineering, add new Cellular and Molecular Option	**Bioengineering – Cellular and Molecular Option (120 Credits)** At least 50 of the total credits required for this degree must be in 300-400-level courses. Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses. **Admission to the Major Criteria – Bioengineering Program** Incoming first-year students, transfer students, and students changing from a different major may be admitted to the Bioengineering degree program upon completion of MATH 171 with a C or better or concurrent enrollment, and CHEM 105 with a C or better or concurrent enrollment. To remain in the major the student must earn a grade of C or better in all courses and maintain good academic standing (i.e. a 2.0 or higher GPA each term and an overall cumulative GPA of 2.0 at WSU). Students who are deficient under the University's Academic Regulations 38 and 39 or whose GPA in Bioengineering courses falls below 2.0 are subject to loss of eligibility of the major. The Bioengineering undergraduate studies committee will determine the eligibility for readmission and probation conditions for students who are deficient and apply for re-entry into the major. **Graduation Requirements** No Washington State University courses listed in this schedule of study may be taken on a pass/fail basis. With the exception of BIO ENG 140, 488, 495, 499, and ENGR 489, all listed BIO ENG courses, required electives, and the prerequisites to these courses must be completed with a grade of C or better. **First Year** ***First Term*** ***Credits*** BIO ENG 140 1 CHEM 105 [PSCI] 4 ENGR 120[1] 2 HISTORY 105 [ROOT] or 305 [ROOT] 3 MATH 171 [QUAN] 4 ***Second Term*** ***Credits*** BIOLOGY 107 [BSCI] 4 CHEM 106 or 116 4 ENGLISH 101 [WRTG] 3 MATH 172 or 182 4 **Second Year**	**8-23**

First Term	*Credits*
CHE 201	3
CHEM 345	4
MATH 220 or 230	2 or 3
MATH 273 or 283	2
PHYSICS 201 and 211, or 205	4 or 5

Second Term	*Credits*
BIO ENG 210	3
MATH 315	3
MBIOS 303	4
PHYSICS 202 and 212, or 206	4 or 5
UCORE Inquiry[2]	3
Complete Writing Portfolio	

Third Year

First Term	*Credits*
BIO ENG 310	3
BIO ENG 315	3
BIO ENG 325 [M]	2
MBIOS 301, 305, or 413	3
STAT 370 or 423	3

Second Term	*Credits*
BIO ENG 305	3
BIO ENG 350	3
BIO ENG 360	3
Bioengineering Elective[2]	3
Communication [COMM] or Written Communication [WRTG]	3

Fourth Year

First Term	*Credits*
BIO ENG 410 [M]	3
BIO ENG 456	3
BIO ENG 475	3
ECONS 101 [SSCI], 102 [SSCI], or 198	3
UCORE Inquiry[2]	3

Second Term	*Credits*
BIO ENG 411 [CAPS]	3
BIO ENG 476	3
Bioengineering Electives[3]	3

	Technical Electives[4] 3 UCORE Inquiry[2] 3 Complete BIO ENG Exit Interview Footnotes [1] 3 credit 300-400-level engineering course may be substituted for ENGR 120 by approval of advisor. [2] Must complete 3 of these 4 UCORE categories: ARTS, DIVR, EQJS, HUM. [3] Bioengineering Electives (6 credits):-Any 400-level BIO ENG course not used to fulfill major requirements. A maximum of 3 credits is allowed in BIO ENG 488, 495, and 499 combined. Students completing the Cellular and Molecular Bioengineering option may replace three credits with three credits of a 300-400-level CHE course with advisor approval [4] Technical Electives (3 credits): Approved courses include BIOLOGY 106, 251, CPT S 121, E E 214, 262, ME 116, 212, 216, MSE 201, any 300-400 level BIO ENG, BIOLOGY, CE, CHE, CHEM, CPT S, E E, MATH, MBIOS, ME, MSE, NEUROSCI, PHYSICS, or STAT course as approved, or other courses as approved by advisor.	
Chemical Engineering and Bioengineering Revise graduation requirements for BS in Bioengineering - Pre-Med Option	**Bioengineering - Pre-Med Option (127~~7~~2 Credits)** At least 50 of the total credits required for this degree must be in 300-400-level courses. Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses. **Admission to the Major Criteria – Bioengineering Program** Incoming first-year students, transfer students, and students changing from a different major may be admitted to the Bioengineering degree program upon completion of MATH 171 with a C or better or concurrent enrollment, and CHEM 105 with a C or better or concurrent enrollment. To remain in the major the student must earn a grade of C or better in all courses and maintain good academic standing (i.e. a 2.0 or higher GPA each term and an overall cumulative GPA of 2.0 at WSU). Students who are deficient under the University's Academic Regulations 38 and 39 or whose GPA in Bioengineering courses falls below 2.0 are subject to loss of eligibility of the major. The Bioengineering undergraduate studies committee will determine the eligibility for readmission and probation conditions for students who are deficient and apply for re-entry into the major. **Graduation Requirements** No Washington State University courses listed in this schedule of study may be taken on a pass/fail basis. With the exception of BIO ENG 140, 488, 495, 499, and ENGR 489, all listed BIO ENG courses, required electives, and the prerequisites to these courses must be completed with a grade of C or better. **First Year** ***First Term*** ***Credits***	**8-23**

~~Arts [ARTS]~~	~~3~~
BIO ENG 140	1
CHEM 105 [PSCI]	4
~~ENGLISH 101 [WRTG]~~	~~3~~
ENGR 120[1]	2
HISTORY 105 [ROOT] or 305 [ROOT]	3
MATH 171 [QUAN]	4
Second Term	***Credits***
~~BIO ENG 140~~	~~1~~
BIOLOGY 107 [BSCI]	4
CHEM 106 or 116	4
ENGLISH 101 [WRTG]	3
~~HISTORY 105 [ROOT] or 305 [ROOT]~~	~~3~~
MATH 172 or 182	4
Second Year	
First Term	***Credits***
~~BIO ENG 205~~	~~1~~
~~BIOLOGY 106~~	~~4~~
CHE 201	3
CHEM 345	4
MATH 220 or 230	2 or 3
MATH 273 or 283	2
PHYSICS 201 and 211, or 205	4 or 5
Second Term	***Credits***
BIO ENG 210	~~2~~3
CHEM 348	4
~~CE 211~~	~~3~~
MATH 315	3
MBIOS 303	4
PHYSICS 202 and 212, or 206	4 or 5
~~STAT 370 or 423~~	~~3~~
Complete Writing Portfolio	
Third Year	
First Term	***Credits***
BIO ENG 310	3
BIO ENG 315	3
BIO ENG 325 [M]	2
BIOLOGY 106	4

Concentration Elective[2]	3
STAT 370 or 423	3
~~BIO ENG 321~~	~~3~~
~~BIO ENG 322 [M]~~	~~1~~
~~CHEM 345~~	~~4~~
~~E E 261~~	~~3~~
~~MBIOS 301~~	~~4~~
Second Term	***Credits***
ENGLISH 402 or 403 [WRTG]	3
BIO ENG 305	3
BIO ENG 350	3
BIO ENG 360	3
Concentration Elective[2]	3
~~BIO ENG 330~~	~~3~~
~~BIO ENG 340~~	~~4~~
~~CHEM 348~~	~~4~~
~~MBIOS 303 or CHEM 370~~	~~4~~
Fourth Year	
First Term	***Credits***
~~BIO ENG 350~~	~~3~~
BIO ENG 410 [M]	3
Concentration Electives[2]	6
~~BIO ENG 440~~	~~4~~
~~Communication [COMM] or Written Communication [WRTG]~~	~~3~~
ECONS 101 [SSCI] or 102 [SSCI] or 198	3
UCORE Inquiry[3]	6
Second Term	***Credits***
BIO ENG 411 [CAPS]	3
Bioengineering Electives[~~2~~4]	~~6~~3
Concentration Elective[2]	3
~~ECONS 101 [SSCI] or 102 [SSCI] or 198~~	~~3~~
Pre Med Elective[5]	0 or 3
UCORE Inquiry[3]	3
Complete BIO ENG Exit Interview	

Footnotes

[1] 3 credit 300-400 level engineering course may be substituted for ENGR 120 by approval of advisor.

[2] Students completing the Biomedical Systems Engineering concentration must take CE 211, EE 261, BIO_ENG 420, BIO_ENG 430, BIO_ENG 440 and 3 credits of a BIO_ENG

	elective. Students completing the Cellular and Molecular Bioengineering concentration must take 3 credits of MBIOS 301, 305, or 413; BIO_ENG 456, BIO_ENG 475, BIO_ENG 476, and 6 credits of BIO_ENG electives (see footnote 3) [3] Must complete 3 of these 4 UCORE categories: ARTS, DIVR, EQJS, HUM. [~~2~~4] Bioengineering Electives (6 credits): Must have a BIO ENG subject, selected from the following: BIO ENG 425, 435, 455, 476, or 481. [5] Pre-Med Electives (3 credits): Students must complete three credits of MBIOS 301, 305, or 413. Students completing the Cellular and Molecular Bioengineering concentration satisfy this requirement as part of their concentration and may elect to complete this requirement in the Spring of the 4th year rather than the Spring of the 3rd year.	
Digital Technology and Culture Under BA in Digital Technology and Culture, add new option: Creative Media and Digital Culture	**Creative Media and Digital Culture (120 Credits)** This option is for students who want careers in web design and development; game studies and design; 2 and 3D animation; digital publishing, social media, and SEO strategy; or physical computing, including virtual and augmented reality. Students graduate with a deep knowledge of the theories relating to digital technologies, as well as strong essential skills like written and oral communication, teamwork, project management, and ethics. In addition to the learning outcomes for the DTC department, upon graduation, students in the Creative Media and Digital Culture option will also be able to: 1) Recognize various forms of language processing and their implications for media authoring; 2) Know the basics of information architecture and knowledge management along with ways digital information can be structured for retrieval and archival purposes for different audiences; and 3) Synthesize media forms for multimedia contexts. This option is available on the Vancouver campus. A student may be admitted to the DTC – Creative Media and Digital Culture Option upon making their intention known to the department. This option requires 42 credits of major-specific course work. **First Year** ***First Term*** ***Credits*** Communication [COMM] or Written Communication [WRTG] 3 HISTORY 105 [ROOT] 3 Humanities [HUM] 3 Foreign Language, if needed, or Electives[1,2] 6 ***Second Term*** ***Credits*** DTC 101 [ARTS] 3 ENGLISH 101 [WRTG] 3 Quantitative Reasoning [QUAN] 3 Foreign Language, if needed, or Electives[1,2] 6 **Second Year**	**8-23**

First Term	*Credits*
Biological Sciences [BSCI] with lab[3]	4
DTC 201	3
Social Sciences [SSCI]	3
Electives[2]	5

Second Term	*Credits*
DTC 336	3
Physical Sciences [PSCI] with lab[3]	4
Electives[2]	8
Complete Writing Portfolio	

Third Year

First Term	*Credits*
DTC 355	3
DTC 356 [M]	3
Equity and Justice Studies [EQJS]	3
Approved Non-DTC Upper-Division Courses[4]	6

Second Term	*Credits*
Diversity [DIVR]	3
DTC 375 [M]	3
DTC Electives[5]	6
Approved Non-DTC Upper-Division Courses[4]	3

Fourth Year

First Term	*Credits*
DTC Electives[5]	6
Electives[2]	9

Second Term	*Credits*
DTC 497 [CAPS]	3
Electives[2]	12

Footnotes

[1] Two years of high school foreign language or at least two semesters of college-level foreign language are required by the College of Arts and Sciences for graduation.

[2] Electives must include sufficient 300-400-level coursework to meet the University requirement of 40 credits of upper-division coursework.

[3] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab.

[4] Approved Non-DTC Upper-Division Courses (9 credits): Any 300-400 level courses outside of DTC approved by the DTC advisor or a faculty member. These courses are meant to expand a student's interdisciplinary perspective on media, technology, and culture.

	[5] DTC Electives (12 credits): Any DTC course not included in the degree requirements, except for DTC 498 and DTC 499, is eligible to be a DTC elective.	
Digital Technology and Culture Under BA in Digital Technology and Culture, add new option: Digital Cinema, Sound, and Animation	**Digital Cinema, Sound, and Animation (120 Credits)** This option is focused on moving image creation and critical cinema commentary. This option focuses on the examination of the history, production, and cultural impact of time-based technologies like sound, film, and animation. Courses in this option explore topics like podcasting, soundscapes, 3D animation, cinema history, video production, and related media. This option is available on the Pullman campus. A student may be admitted to the DTC – Digital Cinema, Sound, and Animation Option upon making their intention known to the department. This option requires 42 credits of major-specific coursework. **First Year** ***First Term*** ***Credits*** DTC 101 [ARTS] 3 ENGLISH 101 [WRTG] 3 Quantitative Reasoning [QUAN] 3 Foreign Language, if needed, or Electives[1,2] 6 ***Second Term*** ***Credits*** Communication [COMM] or Written Communication [WRTG] 3 DTC 201 3 HISTORY 105 [ROOT] 3 Foreign Language, if needed, or Electives[1,2] 6 **Second Year** ***First Term*** ***Credits*** Biological Sciences [BSCI] with lab[3] 4 DTC 206 [EQJS] or 475 [DIVR] 3 Humanities [HUM] 3 Electives[2] 5 ***Second Term*** ***Credits*** DTC 208 3 Physical Sciences [PSCI] with lab[3] 4 Social Sciences [SSCI] 3 Electives[2] 5 Complete Writing Portfolio **Third Year**	**8-23**

	First Term ***Credits*** DTC 335 3 DTC 354 [M] 3 Equity and Justice Studies [EQJS] or Diversity [DIVR][5] 3 Electives[2] 6 ***Second Term*** ***Credits*** DTC 301 [M] 3 DTC Electives[4] 6 Electives[2] 6 **Fourth Year** ***First Term*** ***Credits*** DTC 491 3 DTC Electives[4] 6 Electives[2] 6 ***Second Term*** ***Credits*** DTC 497 [CAPS] 3 DTC 498 or 435 3 Electives[2] 9 Senior Exit Survey Footnotes [1] Two years of high school foreign language or at least two semesters of college-level foreign language are required by the College of Arts and Sciences for graduation. [2] Electives must include sufficient 300-400-level coursework to meet the University requirement of 40 credits of upper-division coursework. [3] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab. [4] DTC Electives (15 credits): Any DTC course not included in the degree requirements is eligible to be a DTC elective. [5] Depending on whether a student takes DTC 206 [EQJS] or DTC 475 [DIVR] for their degree requirement, they should take a UCORE option that fulfills the opposite requirement in their third year.	
Digital Technology and Culture Under BA in Digital Technology and Culture, add new option: Digital Design	**Digital Design (120 Credits)** This option is focused on visual communication and adaptive methodologies in design for diverse communities. Students pursuing this option learn about methods and approaches in graphic design, multimedia design, content creation and information visualization using industry standard digital tools and platforms. This option also integrates static, moving, and interactive media theories, histories, and production to provide students with a comprehensive understanding of the contemporary design field. This option is available on the Pullman and Tri-Cities campuses. A student may be admitted to the DTC – Digital Design Option upon making their intention	**8-23**

known to the department. This option requires 42 credits of major-specific coursework.

First Year

First Term	***Credits***
DTC 101 [ARTS]	3
ENGLISH 101 [WRTG]	3
Quantitative Reasoning [QUAN]	3
Foreign Language, if needed, or Electives[1,2]	6

Second Term	***Credits***
Communication [COMM] or Written Communication [WRTG]	3
DTC 201	3
HISTORY 105 [ROOT]	3
Foreign Language, if needed, or Electives[1,2]	6

Second Year

First Term	***Credits***
Biological Sciences [BSCI] with lab[3]	4
DTC 206 [EQJS] or 475 [DIVR]	3
Humanities [HUM]	3
Electives[2]	5

Second Term	***Credits***
DTC 209 or DTC 354	3
Physical Sciences [PSCI] with lab[3]	4
Social Sciences [SSCI]	3
Electives[2]	5
Complete Writing Portfolio	

Third Year

First Term	***Credits***
DTC 336	3
DTC 355 or 375 [M][4]	3
Equity and Justice Studies [EQJS] or Diversity [DIVR][5]	3
Electives[2]	6

Second Term	***Credits***
DTC 301 [M]	3
DTC Electives[6]	6
Electives[2]	6

Fourth Year

First Term	*Credits*
DTC 436	3
DTC Electives[6]	6
Electives[2]	6

Second Term	*Credits*
DTC 497 [CAPS]	3
DTC 498 or 478[7]	3
Electives[2]	9
Senior Exit Survey	

Footnotes

[1] Two years of high school foreign language or at least two semesters of college-level foreign language are required by the College of Arts and Sciences for graduation.

[2] Electives must include sufficient 300-400-level coursework to meet the University requirement of 40 credits of upper-division coursework.

[3] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab.

[4] Students who elect to take DTC 355 for this requirement will need to incorporate another Writing in the Major [M] course into their DTC Electives or General Electives.

[5] Depending on whether a student takes DTC 206 [EQJS] or DTC 475 [DIVR] for their degree requirement, they should take a UCORE option that fulfills the opposite requirement in their third year.

[6] DTC Electives (12 credits): Any DTC course not included in the degree requirements is eligible to be a DTC elective. One DTC elective course (3 credits) may be substituted by DTC 498 or 499.

[7] Students who elect to take DTC 478 need to have taken DTC 355 as a prerequisite.

Digital Technology and Culture
Under BA in Digital Technology and Culture, add new option: Game Studies

8-23

Game Studies (120 Credits)

This option is focused on critical play studies and game creation. Students in this option explore the histories and theories associated with interactive media and video games. They also create games for diverse audiences using a range of software. Graduates of this option will be well versed in front-end design, narrative construction, as well as basic game and interactive media mechanics.

This option is available on the Pullman campus. A student may be admitted to the DTC – Game Studies Option upon making their intention known to the department. This option requires 42 credits of major-specific coursework.

First Year

First Term	*Credits*
DTC 101 [ARTS]	3
ENGLISH 101 [WRTG]	3
Quantitative Reasoning [QUAN]	3

Foreign Language, if needed, or Electives[1,2]	6
Second Term	***Credits***
Communication [COMM] or Written Communication [WRTG]	3
DTC 201	3
HISTORY 105 [ROOT]	3
Foreign Language, if needed, or Electives[1,2]	6

Second Year

First Term	***Credits***
Biological Sciences [BSCI] with lab[3]	4
DTC 206 [EQJS] or 475 [DIVR]	3
Humanities [HUM]	3
Electives[2]	5
Second Term	***Credits***
DTC 354 [M]	3
Physical Sciences [PSCI] with lab[3]	4
Social Sciences [SSCI]	3
Electives[2]	5
Complete Writing Portfolio	

Third Year

First Term	***Credits***
DTC 335	3
DTC 392	3
Equity and Justice Studies [EQJS] or Diversity [DIVR][4]	3
Electives[2]	6
Second Term	***Credits***
DTC 301 [M]	3
DTC Electives[5]	6
Electives[2]	6

Fourth Year

First Term	***Credits***
DTC 492	3
DTC Electives[5]	6
Electives[2]	6
Second Term	***Credits***
DTC 497 [CAPS]	3
DTC 498 or 476	3

	Electives[2] 9 Senior Exit Survey Footnotes [1] Two years of high school foreign language or at least two semesters of college-level foreign language are required by the College of Arts and Sciences for graduation. [2] Electives must include sufficient 300-400-level coursework to meet the University requirement of 40 credits of upper-division coursework. [3] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab. [4] Depending on whether a student takes DTC 206 [EQJS] or DTC 475 [DIVR] for their degree requirement, they should take a UCORE option that fulfills the opposite requirement in their third year. [5] DTC Electives (12 credits): Any DTC course not included in the degree requirements is eligible to be a DTC elective. One DTC elective course (3 credits) may be substituted by DTC 498 or 499.	
Digital Technology and Culture Under BA in Digital Technology and Culture, add new option: Web Development	**Web Development (120 Credits)** This option explores the principles of web design, web coding, user experience (UX), content management, information architecture, usability, accessibility, and more. Students in this option will learn HTML, CSS, and scripting languages such as JavaScript or PHP. Graduates of this track will be able to create and manage websites through all stages of development, from planning and setup, to developing and managing code and content. This option is available on the Pullman campus. A student may be admitted to the DTC – Web Development Option upon making their intention known to the department. This option requires 42 credits of major-specific coursework. **First Year** ***First Term*** ***Credits*** DTC 101 [ARTS] 3 ENGLISH 101 [WRTG] 3 Quantitative Reasoning [QUAN] 3 Foreign Language, if needed, or Electives[1,2,3] 6 ***Second Term*** ***Credits*** DTC 201 3 DTC 202 [COMM] 3 HISTORY 105 [ROOT] 3 Foreign Language, if needed, or Electives[1,2,3] 6 **Second Year** ***First Term*** ***Credits*** Biological Sciences [BSCI] with lab[4] 4 DTC 206 [EQJS] or 475 [DIVR] 3 Humanities [HUM] 3	**8-23**

Electives[2,3]	5

Second Term	***Credits***
DTC 330 or 331	3
Physical Sciences [PSCI] with lab[4]	4
Social Sciences [SSCI]	3
Electives[2,3]	5
Complete Writing Portfolio	

Third Year

First Term	***Credits***
DTC 301 [M]	3
DTC 335	3
Equity and Justice Studies [EQJS] or Diversity [DIVR][5]	3
Electives[2]	6

Second Term	***Credits***
DTC 477	3
DTC Electives[3,6]	6
Electives[2,3]	6

Fourth Year

First Term	***Credits***
DTC Electives[3,6]	6
Electives[2,3]	9

Second Term	***Credits***
DTC 497 [CAPS]	3
DTC 498 or 478[7]	3
General Electives[2,3]	9
Senior Exit Survey	

Footnotes

[1] Two years of high school foreign language or at least two semesters of college-level foreign language are required by the College of Arts and Sciences for graduation.

[2] Electives must include sufficient 300-400-level coursework to meet the University requirement of 40 credits of upper-division coursework.

[3] Electives or DTC Electives must include an additional [M] course to meet the University requirements of two [M] courses.

[4] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab.

[5] Depending on whether a student takes DTC 206 [EQJS] or DTC 475 [DIVR] for their degree requirement, they should take a UCORE option that fulfills the opposite requirement in their third year.

[6] DTC Electives (12 credits): Any DTC course not included in the degree requirements is eligible to be a DTC elective. One DTC elective course (3 credits) may be substituted by DTC 498 or 499.

[7] Students who elect to take DTC 478 need to have taken DTC 355 as a prerequisite.

History Revise graduation requirements for BA in History - General Option	**History - General Option (120 Credits)** 36 credits of history are required, including 6 credits of US history, 6 credits of European history, and 9 credits of Non-Western/Global history; 21 credits at the 300-400-level, which must include HISTORY 300 and 469; and a 12-credit concentration (at least 6 credits 300-400-level) in the same or in related disciplines with the advisor's approval. To be admitted to the History – General option, a student must make their intention known to the department and have earned at least a 2.0 cumulative GPA. It is assumed that prior to the junior year the student will have completed courses meeting UCORE and College of Arts and Sciences requirements for graduation. A grade of C or better is required in all history courses used to fulfill the requirements for this degree. **First Year** ***First Term*** ***Credits*** Arts [ARTS] 3 ENGLISH 101 [WRTG] 3 Humanities [HUM] 3 Quantitative Reasoning [QUAN] 3 or 4 Electives 4 ***Second Term*** ***Credits*** Communication [COMM] or Written Communication [WRTG] 3 Diversity [DIVR] 3 HISTORY 105 [ROOT] 3 Social Sciences [SSCI] 3 Electives 3 **Second Year** ***First Term*** ***Credits*** Biological Sciences [BSCI] with lab[1] 4 Equity and Justice [EQJS] 3 HISTORY Electives[2] 6 Electives 3 ***Second Term*** ***Credits*** Concentration Course[3] 3 Physical Sciences [PSCI] with lab[1] 4 Foreign Language, if needed, or Elective 3 or 4	**8-23**

HISTORY Electives[2]	6
Complete Writing Portfolio	

Third Year

First Term	***Credits***
Concentration Course[3]	3
Foreign Language, if needed, or Elective	3 or 4
HISTORY Electives[2]	9

Second Term	***Credits***
HISTORY 300 [M]	3
Concentration Course[3]	3
HISTORY Electives[2]	3
Electives[4]	6

Fourth Year

First Term	***Credits***
HISTORY 469 [M]	3
~~Concentration Course[3]~~	~~3~~
HISTORY Electives[2]	6
Electives[4]	6

Second Term	***Credits***
Concentration Course[3]	3
~~HISTORY 469~~	~~3~~
Integrative Capstone [CAPS]	3
Electives[4]	6
Complete History Department's Exit Survey	

Footnotes

[1] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab.

[2] History Electives – 30 credits required, minimum 15 credits at 300-400 level ~~and one [M] course~~ - must include 6 ~~hours~~ credits of US history, ~~(HISTORY 110, 111, 201, 216, 235, 250, 280, 298, 308, 311, 312, 313 [M], 314, 316, 318, 319, 324, 328, 360, 361, 320, 321, 322, 390, 398, 409, 410, 415, 417, 423, 486, or 496)~~, 6 ~~hours~~ credits of European history, ~~(HISTORY 101, 102, 340, 341, 342, 343, 344, 345, 347, 349, 350, 353, 354, 356 [M], 359, 367, 368, 381, 382, 386, 391, 444, 448, 462, or 463 [M])~~ and 9 ~~hours~~ credits of Non-Western/Global history ~~(HISTORY 230, 270, 271, 272, 273, 274, 275, 291, 306, 325, 330 [M], 331, 332, 333, 334, 335, 337, 339, 366, 370, 371, 372 [M], 373, 374, 377 [M], 387, 388, 435, 436, 474, 475, 476 [M], 483, 492, or 495)~~.

[3] Concentration Courses (12 credits, minimum 6 credits at the 300-400-level): Courses in the same or related disciplines with the advisor's approval. In consultation with their advisor, students are encouraged to select a concentration area that best meets their career objectives. Internal concentrations and courses include: Africa and the Middle East: HISTORY 272, 273, 274, 306, 371, 372, 396; American West: HISTORY 308, 319, 320, 324, 328, 398; Asia: HISTORY 201, 270, 271, 272, 273, 275, 306, 370, 371, 372, 373, 374, 377, 378, 379, 387, 474, 475, 476; Atlantic History: HISTORY 230, 231, 235, 250, 274, 280, 308, 313, 314, 330, 331, 332, 333, 334, 335, 339, 435, 492; Diplomatic History: HISTORY 311, 312, 366, 387, 388, 463, 486, Environmental History: HISTORY 294, 308, 324, 325, 409; Europe: HISTORY 101, 102, 340, 341, 342, 343, 344, 345, 347, 349, 350, 353, 354, 356, 355, 359,

	367, 368, 386, 435, 436, 444, 448, 462; Gender and Sexuality: HISTORY 298, 335, 336, 337, 350, 398, 399; History of Imperialism/Colonialism: HISTORY 291, 313, 314, 339, 341, 354, 379, 388, 435, 436, 462, 495; Latin America: HISTORY 230, 232, 330, 331, 332, 333, 334, 335; Popular Culture and the Arts: HISTORY 216, 224, 232, 281, 320, 321, 322, 355, 384 423, 444, 448, 492; Public History: HISTORY 315, 410, 427, 438, 498 (required); Race and Ethnicity: HISTORY 235, 250, 280, 298, 308, 315, 360, 361, 398; Social Movements: HISTORY 281, 307, 345, 360, 399, 423, 426; Science and Technology: HISTORY 294, 301, 381, 382, 483; United States: HISTORY 110, 111, 216, 250, 298, 307, 308, 311, 312, 313, 314, 316, 318, 319, 320, 324, 326, 328, 360, 388, 390, 398, 399, 409, 410, 415, 417, 426; War and Peace: HISTORY 285, 316, 318, 319, 345, 349, 364, 366, 368, 386, 387, 388, 390, 391. Students may not use the 12-credit concentration areas to fulfill the 6 ~~hours~~ credits of US history, 6 hours of European history, and 9 ~~hours~~ credits of Non-Western/Global history required in the major. [4] Electives should include sufficient 300-400-level courses to meet University requirement of 40 credits of upper division coursework.	
History Add minor: Modern Global Issues	**Modern Global Issues** The minor in Modern Global Issues examines modern world events/themes/issues in the United States, Europe, and the non-Western world and admits students from all majors who have completed 60 credits. The minor requires a 2.0 GPA and a minimum of 18 credits. Required courses are HISTORY 105 or HISTORY 305*; HISTORY 121. Four elective courses (12 credits) may be taken from the following: Gender: HISTORY 335*, 369, 399* Race & Ethnicity: HISTORY 235, 250, 273, 280, 339, 360, 361 Conflict: HISTORY 319, 334, 364, 366*, 378, 436*, 474 Inequality: HISTORY 230, 315, 332, 410*, 426, 342, 436* Environment: HISTORY 294, 409 Pop Culture & Information Technology: HIST 309, 320*, 322* These courses must be taken in residence at WSU, through WSU Global Campus, or through departmental approval of education abroad or educational exchange courses. *Course available via Global campus	**8-23**
Journalism and Media Production Revise requirements for minor in Sports Communication	**Sports Communication** The minor in Sports Communication requires a minimum of 18 credits. ~~Four~~ Five of the six courses required for the minor must be from the College of Communication. Required survey course;~~s include COM 105 and~~ COM 225. Additional requirements include two foundation ~~one survey~~ courses from: COMSTRAT 270 or COMJOUR 280; COMSTRAT 312 or 380; COM 320; SPMGT 379 or 464; ~~COM 101, SPMGT 101, 276; one promotional course from COMSTRAT 312, 380, SPMGT 379, 464~~; two applied ~~one conceptual~~ courses from COM 388, COMJOUR 390, COMSTRAT 482, SPMGT 365 or 367; ~~COM 320, 440, 471, SPMGT 365, 367~~; and one portfolio course from COMJOUR 466; 486; 487; COMSTRAT 477. ~~COM 475 (departmental approval required),~~	**8-23**

	~~486, COMJOUR 486~~. Nine credits of upper-division work must be taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. Student may be admitted in the minor after they have earned a minimum of 60 credits with a cumulative WSU GPA of 2.7 or higher. Transfer students can be admitted to this minor after completing 60 total credits and one semester at WSU with a 2.7 or higher WSU GPA. Students must maintain a GPA of 2.0 or higher to remain in the minor. Only two courses from the minor may be applied to a student's major(s). Check with the Murrow Center for Student Success ~~College Student Services Office~~ for additional information.	
Languages, Cultures, and Race Revise requirements for minor in Film Studies	**Film Studies** The Film Studies Minor introduces students to the critical study of cinema ~~and media studies~~. It explores how cinema both reflects and influences the facts, ideas, and activities of any given society, and how film allows us to travel to most places in the world and become familiar with diverse cultures, traditions, and ways of thinking. The film studies minor also teaches students how to discern the cinematic and narrative features that are used in cinematography and how culture can influence them. The study of film encourages critical thinking, respect for cultural diversity, and detailed knowledge of film as a text of facts and ideas. The minor's program of studies is designed by the student in collaboration with the coordinator and /or the advisor. A minimum of 18 credits is required and must include 9 hours of upper-division work taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. ~~9 credits must be chosen from COM 471, ENGLISH 150, 339, FOR LANG 110, 410, MUS 266, PHIL 210, and SOC 372 or 373.~~ Two core courses (6 credits) are required providing the foundation for the study of film based in the Humanities and constitute an introduction to the various disciplines in which film analysis is anchored: FOR LANG 110; and one from PHIL 210, SOC 372, or DTC 208. An additional ~~9~~12 elective credits ~~geared toward social, cultural, or applied skills~~ offering a multidisciplinary approach to film studies and foster analysis from various perspectives: historical, philosophical, social, and cultural are required.	**8-23**

	Some courses offer a global perspective on cinema by focusing on the cinematic production of a specific country or geographical area. Approved courses include CES 222, 338, 358 ~~[M]~~, 379, CHINESE/ASIA/JAPANESE 111, CHINESE 311 ~~[M]~~, ~~COM 210, COMJOUR 360, 390, 466,~~ CRM J/POL S 381, DTC ~~335, 338, DTC/ENGLISH 336,~~ 354, 355, 491, ~~DTC/AMER ST/ENGLISH 475,~~ ENGLISH ~~205, 316,~~ 339, 340, ~~342, ENGLISH/FINE ART 337, FINE ART 333, 363, 380, 381, 385, 434, 435,~~ FRENCH 110, 310, 410, GERMAN 110, 310, HISTORY 320, ~~400, MUS 162,~~ RUSSIAN 410, ~~SOC 373,~~ SPANISH 110, 111, 310, 311, and WGSS 340. No more than two courses with the same subject (or content, as in cross-listed courses) may be applied towards the minor. All core courses must be taken at WSU. After consultation with the film studies coordinator or advisor, two elective courses may be transferred to the film studies minor from accredited study abroad and other university/college programs. ~~A maximum of 3 internship credits may count towards the minor's electives.~~ Courses counting toward the Film Studies minor may not be counted toward a major or minor in a language, unless approved by the film studies coordinator or advisor. **Learning Goals** To enhance knowledge of the history ~~and practice~~ of film ~~production~~ To ~~analyze the nature, history, and function~~ emphasize analysis of film in an interdisciplinary manner (through the arts, architecture, literature, history, philosophy, and language) that broadens and enhances critical thought To enhance the perception of and respect for the diversity of cultures in this country and around the world as exposed through this medium To enhance technical understanding of ~~how~~ film ~~and related media work~~ To enhance understanding of the societal and cultural roles and impact of film ~~and other media~~ ~~To enhance media literacy skills~~	
Music Revise graduation requirements for BA in Music Education - Elective Studies in Education Option	**Music Education - Elective Studies in Education Option (120 Credits)** Students following any teacher preparation option are required to present an acceptable senior half recital in the major performance medium. Students following any teacher preparation option must have a minimum GPA of 2.5 in all of the following areas: cumulative GPA, Professional Education Core with a C or better in each course, and academic major (and minor if any)	**8-23**

with a C or better in each course. Students must also be admitted into the College of Education. Since this option is likely to lead to enrollment in the MA in Music, students are advised that admission to graduate study requires a 3.0 cumulative GPA.

Students must pass the Piano Proficiency Exam, pass the senior qualifying exam, achieve a cumulative 2.5 GPA and a grade of C or better in all music classes, and a 2.5 GPA and a grade of C or better in all College of Education Professional Core courses. Class piano credits are not required for the degree. Instrumentalists must complete 4 credits in vocal performance studies (private lessons and/or ensemble) and vocalists must complete 4 credits of instrumental performance studies. Approved Performing Ensembles: See degree requirements for applicable (desired) endorsement.

This option provides professional preparation in music combined with studies in education. Students may complete teacher certification requirements after completion of this degree through further enrollment as undergraduate second degree candidates, enrollment as post-baccalaureate non-degree students, or as graduate students, each of which requires application for admission. Students planning to seek admission and enroll as graduate students should, at the beginning of their last semester of undergraduate study, complete the necessary form to count selected courses in the final undergraduate semester toward the graduate degree, up to a maximum of 6 credits.

As stated above, this option may lead to one of three paths to achieve teacher certification in designated arts: Music (choral, instrumental, and general). If a student elects to pursue teacher certification, requirements include: C or better in all music and education courses; 2.5 music average; 2.5 education average; 2.5 overall average; 4 credits vocal performance for instrumentalists; 4 credits instrumental performance for vocalists; upper-division exam, piano proficiency, solo half-recital. Approved performing groups: a minimum of 1 credit during each of 7 semesters, to include at least one semester of MUS 435 for instrumentalists and 428 for vocalists. Include a minimum of 2 credits in choral and 2 credits in instrumental performing groups. Note that during the second term of the senior year, only 10 credits are taken toward the degree. Students must enroll in 12 credits to be full time and may enroll in graduate credits if preparing to enroll in the MA degree program.

Only 9 credits of MUS courses can be used to fulfill UCORE requirements.

First Year

First Term	***Credits***
Applied MUS [1]	2
Biological Sciences [BSCI] with lab[2]	4
ENGLISH 101 [WRTG]	3
MUS 164	1
MUS 181[3]	0 or 1

MUS 251[4]	3	
MUS 252[4]	1	
MUS Ensemble [5]	1	
Second Term	***Credits***	
Applied MUS [1]	2	
HISTORY 105 [ROOT]	3	
MUS 182[3]	0 or 1	
MUS 190	1	
MUS 253[6]	3	
MUS 254[6]	1	
MUS Ensemble [5]	1	
Physical Sciences [PSCI] with lab[2]	4	
Quantitative Reasoning [QUAN]	3	
Second Year		
First Term	***Credits***	
Applied MUS [1]	2	
MUS 103 or 319	2	
MUS 281	0 or 1	
MUS 351[4]	3	
MUS 352[4]	1	
MUS 491[4]	2	
MUS Ensemble[5]	1	
TCH LRN 301	3	
Second Term	***Credits***	
Applied MUS [1]	2	
MUS 353[6]	3	
MUS 354[6]	1	
MUS 359 [HUM] [M][6]	3	
MUS 490[6]	3	
MUS Ensemble [5]	1	
TCH LRN 317	2	
Complete Writing Portfolio		
Pass Piano Proficiency		
May Field Experience		
Admitted into Major, Admitted into TCH LRN		
Third Year		
First Term	***Credits***	

Applied MUS [1]	2
Diversity [DIVR] (Non-MUS)	3
ENGLISH 201 [WRTG][7]	3
MUS 258[4]	2
MUS 360 [HUM] [M][4]	3
MUS 455[4]	2
MUS Ensemble [5]	1

Second Term	***Credits***
Applied MUS [1]	2
Equity and Justice [EQJS]	3
MUS 428 or 435	1
MUS 461 [CAPS][6]	3
MUS Electives	3
Social Sciences [SSCI]	3

Fourth Year

First Term	***Credits***
Applied MUS [1]	2
Foreign Language, if needed	0-4
MUS Endorsement Electives[8]	4
MUS Ensemble [5]	1
TCH LRN 464	3
TCH LRN 465	3
Senior Qualifying Exam	
Reserve Credit for MA recommended	

Second Term	***Credits***
ED PSYCH 468	3
Foreign Language, if needed	0-4
MUS 482 or 483	1
MUS Endorsement Electives[8]	4
TCH LRN 467 [M]	3
TCH LRN 470	3
Senior Half-Recital	
Reserve Credit for MA recommended	

Footnotes

[1] Applied Music: 14 credits required with a minimum of 2 credits at the 400 level. Approved courses include MUS 301-318, 320, 401-418, 420.

[2] To meet University and College of Arts and Sciences requirements, students must take a [BSCI] course with lab and [PSCI] course with lab.

[3] Class piano credits not required in degree.

	[4] Fall only. [5] Music ensemble: 6 credits required from MUS 428-444 with a minimum of 2 credits choral (MUS 429, 430, 431), and 2 credits instrumental (MUS 434, 436, 437, 438) [6] Spring only. [7] One from ENGLISH 201, 301, 302, or 402 is required for admission to the Teacher Education Program. Students who take ENGLISH 302 will need to take an additional [WRTG] or [COMM] course. [8] MUS Endorsement Electives (8 credits required including at least 1 term MUS 480): Approved courses include MUS 480, 482, 483, 484, 485, 486, 487, 488, 489, 493, ~~and~~ 494, and 495.	