UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 12

Spring 2023

Faculty Senate approved April 6, 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 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. 	8-23
	First TermCreditsArts [ARTS]3	

BIO ENG 140	<u>1</u>	
CHEM 105 [PSCI]	4	
ENGLISH 101 [WRTG]	3	
ENGR 120 ¹	2	
HISTORY 105 [ROOT] or 305 [ROOT]	<u>3</u>	
MATH 171 [QUAN]	4	
Second Term	Credits	
BIO ENG 140	1	
BIOLOGY 107 [BSCI]	4	
CHEM 106 or 116	4	
ENGLISH 101 [WRTG]	<u>3</u>	
HISTORY 105 [ROOT] or 305 [ROOT]	3	
MATH 172 or 182	4	
Second Year		
First Term	Credits	
BIO ENG 205	+	
CHE 201	3	
<u>CHEM 345</u>	<u>4</u>	
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	<u>23</u>	
<u>CE 211</u>	3	
MATH 315	3	
MBIOS 303	<u>4</u>	
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	<u>3</u>	
BIO ENG 325 [M]	<u>2</u>	
<u>C E 211</u>	<u>3</u>	
STAT 370 or 423	<u>3</u>	

BIO ENG 321	3	
BIO ENG 322 [M]	1	
BIO ENG 350	3	
<u>E E 261</u>	3	
Second Term	Credits	
BIO ENG 305	<u>3</u>	
BIO ENG 350	<u>3</u>	
BIO ENG 360		
Communication [COMM] or Written Communication [WRTG]	<u>3</u> <u>3</u> <u>3</u>	
<u>E E 261</u>	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	<u>3</u>	
BIO ENG 430	<u>3</u>	
ECONS 101 [SSCI], 102 [SSCI], or 198	<u>3</u>	
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	<u>3</u>	
Bioengineering Electives ³	3	
Technical Electives ⁴	<u>63</u>	
UCORE Inquiry ²	3	
Elective	+	
Complete BIO ENG Exit Interview		
Footnotes	- f - 4-:	
 ¹ 3 credit 300-400-level engineering course may be substituted for ENGR 120 by approval ² Must complete 3 of these 4 UCORE categories: ARTS, DIVR, EQJS, HUM. 	oi advisor.	
 ³ Bioengineering Electives (63 credits): Must have a BIO ENG subject, selected from the field the ENG 425, 435, 455, 476, or 481. Any 400-level BIO ENG course not used to fulfill majo maximum of 3 credits is allowed in BIO ENG 488, 495, and 499 combined. 		

	⁴ Technical Electives (<u>123</u> 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,	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 mean to murgue are modestudies should consult their advisor for	8-23
dd new Cellular and	Students who plan to pursue pre-med studies should consult their advisor for further information about appropriate courses.	
Molecular Option	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 TermCredits	
	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	
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	
	1	
	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	Bioengineering - Pre-Med Option (127 <u>2</u> Credits)	8-23
Engineering		
and D: · ·	At least 50 of the total credits required for this degree must be in 300-400-level	
Bioengineering Revise	<u>courses.</u>	
graduation	Students who plan to pursue pre-med studies should consult their advisor for	
-	further information about appropriate courses.	
BS in		
Bioengineering -	Admission to the Major Criteria – Bioengineering Program	
Pre-Med Option	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	<u>1</u>
CHEM 105 [PSCI]	4
ENGLISH 101 [WRTG]	3
ENGR 120 ¹	2
HISTORY 105 [ROOT] or 305 [ROOT]	<u>3</u>
MATH 171 [QUAN]	4
Second Term	Credits
BIO ENG 140	1
BIOLOGY 107 [BSCI]	4
CHEM 106 or 116	4
ENGLISH 101 [WRTG]	<u>3</u>
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
<u>CHEM 345</u>	<u>4</u>
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	<u>23</u>
<u>CHEM 348</u>	$\frac{4}{3}$
CE 211	3
MATH 315	3
<u>MBIOS 303</u>	<u>4</u>
PHYSICS 202 and 212, or 206	4 or 5
STAT 370 or 423	3
Complete Writing Portfolio	
Third Year	
First Term	Credits

BIO ENG 3103BIO ENG 3153BIO ENG 325 [M]2BIOLOGY 1064Concentration Elective ² 3STAT 370 or 4233BIO ENG 3213BIO ENG 322 [M]4CHEM 3454E E 2613MBIOS 3014Second TermCreditsENGLISH 402 or 403 [WRTG]3BIO ENG 3503BIO ENG 3053BIO ENG 3503BIO ENG 3503BIO ENG 3503BIO ENG 3404Chem 3303BIO ENG 3503BIO ENG 3503BIO ENG 3503BIO ENG 3503BIO ENG 3503BIO ENG 3303BIO ENG 3503BIO ENG 3503BIO ENG 3503BIO ENG 3503BIO ENG 410 [M]3Concentration Electives ² 6BIO ENG 410 [M]3Concentration Electives ² 6BIO ENG 410 [COMM] or Written Communication [WRTG]3BIO ENG 411 [CAPS]3BIO ENG 411 [CAPS]3BIO ENG 411 [CAPS]3BIO ENG 411 [CAPS]3BIO Engineering Electives ²⁴ 63Concentration Elective ² 3BIO ENG 411 [SSCI] or 102 [SSCI] or 1983BIO ENG 411 [SSCI] or 102 [SSCI] or 1983BIO ENG 101 [SSCI] or 104 [SSCI] or 1983BIO Engineering Electives ²⁴ 63 <td< th=""><th></th><th></th></td<>		
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BIO ENG 360 $\frac{3}{2}$ Concentration Elective2 $\frac{3}{2}$ BIO ENG 330 $\frac{3}{3}$ BIO ENG 340 $\frac{4}{4}$ CHEM 348 $\frac{4}{4}$ MBIOS 303 or CHEM 370 $\frac{4}{4}$ Fourth YearCreditsBIO ENG 350 $\frac{3}{3}$ BIO ENG 410 [M] $\frac{3}{3}$ Concentration Electives2 $\frac{6}{6}$ BIO ENG 440 $\frac{4}{4}$ Communication [COMM] or Written Communication [WRTG] $\frac{3}{3}$ UCORE Inquiry3 $\frac{6}{6}$ Second TermCreditsBIO ENG 411 [CAPS] $\frac{3}{3}$ Bio engineering Electives2 $\frac{6}{63}$ Concentration Elective2 $\frac{6}{3}$ BIO ENG 411 [CAPS] $\frac{3}{3}$ Bio ENG 411 [CAPS] $\frac{3}{3}$ Bio ENG 411 [CAPS] $\frac{3}{3}$ Bio ENG 411 [SSCI] or 102 [SSCI] or 198 $\frac{3}{2}$ ECONS 101 [SSCI] or 102 [SSCI] or 198 $\frac{3}{2}$ BIO ENG 411 [CAPS] $\frac{3}{3}$ Bio ENG 411 [CAPS] $\frac{3}{3}$ Bio ENG 411 [SSCI] or 102 [SSCI] or 198 $\frac{3}{2}$ BIO ENS 101 [SSCI] or 102 [SSCI] or 198 $\frac{3}{2}$		
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ECONS 101 [SSCI] or 102 [SSCI] or 198 3	<u>3</u>	
$\underline{\text{Pre Med Elective}^5} \qquad \underline{0 \text{ or } 3}$	<u>0 or 3</u>	
UCORE Inquiry ³ 3	3	
Complete BIO ENG Exit Interview		

	Footnotes		
	¹ 3 credit 300-400 level engineering course may be substituted for ENGR 120 by approva	al of advisor.	
	² Students completing the Biomedical Systems Engineering concentration must take CE	<u>211.</u>	
	<u>EE 261, BIO_ENG 420, BIO_ENG 430, BIO_ENG 440 and 3 credits of a BIO_ENG</u> elective. Students completing the Cellular and Molecular Bioengineering concentration	must	
	take 3 credits of MBIOS 301, 305, 401, or 413; BIO_ENG 456, BIO_ENG 475, BIO_E		
	and 6 credits of BIO ENG electives (see footnote 4)		
	³ Must complete 3 of these 4 UCORE categories: ARTS, DIVR, EQJS, HUM.		
	 ²⁴ Bioengineering Electives (6 credits): Must have a BIO ENG subject, selected from the ENG 425, 435, 455, 476, or 481. 	-	
	⁵ Pre-Med Electives (3 credits): Students must complete three credits of MBIOS 301, 303 413. Students completing the Cellular and Molecular Bioengineering concentration sati		
	requirement as part of their concentration and may elect to complete this requirement in		
	Spring of the 4th year rather than the Spring of the 3rd year.		
Digital	Creative Media and Digital Culture (120 Credits)		8-23
Technology and			
Culture	This option is for students who want careers in web design and deve	elopment;	
Under BA in	game studies and design; 2 and 3D animation; digital publishing, so		
Digital	and SEO strategy; or physical computing, including virtual and aug		
Technology and	Students graduate with a deep knowledge of the theories relating to	digital	
Culture, add	technologies, as well as strong essential skills like written and oral		
new option:	communication, teamwork, project management, and ethics. In addi		
Creative Media	learning outcomes for the DTC department, upon graduation, studer	nts in the	
and Digital	Creative Media and Digital Culture option will also be able to:		
Culture	1) Recognize various forms of language processing and their	rimplications	
	for media authoring;		
	2) Know the basics of information architecture and knowled	•	
	management along with ways digital information can be stru	ictured 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 b	e admitted to	
	the DTC – Creative Media and Digital Culture Option upon making		
	known to the department. This option requires 42 credits of major-s		
	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	
		3	

Quantitative Reasoning [QUAN]	3
Foreign Language, if needed, or Electives ^{1,2}	6
Second Year	
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-lo required by the College of Arts and Sciences for graduation.	evel foreign language are
² Electives must include sufficient 300-400-level coursework to meet the Universit	ty requirement of 40
² Electives must include sufficient 300-400-level coursework to meet the Universi credits of upper-division coursework.	ty requirement of 40

	3 To most University and Collage of Arts and Sciences re-		
	³ To meet University and College of Arts and Sciences requirements, students must take a with lab and [PSCI] course with lab.		
	⁴ Approved Non-DTC Upper-Division Courses (9 credits): Any 300-400 level courses out approved by the DTC advisor or a faculty member. These courses are meant to expand a interdisciplinary perspective on media, technology, and culture.		
	⁵ DTC Electives (12 credits): Any DTC course not included in the degree requirements, ev and DTC 499, is eligible to be a DTC elective.	ccept for DTC 498	
Digital Technology and	Digital Cinema, Sound, and Animation (120 Credits)		8-23
Technology and Culture Under BA in Digital Technology and Culture, add new option: Digital Cinema, Sound, and Animation	This option is focused on moving image creation and critical cinema This option focuses on the examination of the history, production, an impact of time-based technologies like sound, film, and animation. O option explore topics like podcasting, soundscapes, 3D animation, c video production, and related media. This option is available on the Pullman campus. A student may be a DTC – Digital Cinema, Sound, and Animation Option upon making known to the department. This option requires 42 credits of major-sp coursework.	nd cultural Courses in this inema history, dmitted to the their intention	
	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		
	First Term	Credits	
	DTC 335	3	
	DTC 354 [M]	3	
	Equity and Justice Studies [EQJS] or Div	ersity [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 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	Digital Design (120 Credits)		8-23

Under BA in Digital Technology and Culture, add new option: Digital Design	 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 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	
		s [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.	
) igital 'echnology and	Game Studies (120 Cr	redits)	8-23
Sulture Inder BA in Digital	option explore the historie	critical play studies and game creation. Students in this is and theories associated with interactive media and	
echnology and	video games. They also cr	eate games for diverse audiences using a range of	

Culture, add new option: Game Studies	software. Graduates of this option will be well versed in front-end de narrative construction, as well as basic game and interactive media narrative construction is available on the Pullman campus. A student may be ad DTC – Game Studies Option upon making their intention known to the department. This option requires 42 credits of major-specific courses	nechanics. dmitted to the the
	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

		2	
	DTC 301 [M] DTC Electives ⁵	3	
	Electives ²	6	
	Electives ⁻	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 leas required by the College of Arts and Sciences for grad		
	² Electives must include sufficient 300-400-level cour credits of upper-division coursework.	sework to meet the University requirement of 40	
	³ To meet University and College of Arts and Science with lab and [PSCI] course with lab.	s requirements, students must take a [BSCI] course	
	⁴ Depending on whether a student takes DTC 206 [EQ they should take a UCORE option that fulfills the op	posite requirement in their third year.	
	⁵ DTC Electives (12 credits): Any DTC course not inc DTC elective. One DTC elective course (3 credits) n		
Digital Technology and	Web Development (120 Credits)		8-23
Culture	This option explores the principles of we	h design web coding user experience	
Under BA in Digital Technology and Culture, add new option:	(UX), content management, information	architecture, usability, accessibility, and TML, CSS, and scripting languages such rack will be able to create and manage nt, from planning and setup, to	
Web Development	This option is available on the Pullman ca DTC – Web Development Option upon n department. This option requires 42 credit	naking their intention known to the	
	First Year		
	First Term	Credits	
	DTC 101 [ARTS]	3	
	ENGLISH 101 [WRTG]	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	
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	5	
Third Year		
First Term	Credits	
DTC 301 [M]	3	
DTC 335	3	
Equity and Justice Studies [EQJS] or Diversity [D		
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 fore required by the College of Arts and Sciences for graduation.		
	² Electives must include sufficient 300-400-level coursework to meet the University requi credits of upper-division coursework.	rement of 40	
	³ Electives or DTC Electives must include an additional [M] course to meet the University two [M] courses.	requirements of	
	⁴ To meet University and College of Arts and Sciences requirements, students must take a with lab and [PSCI] course with lab.	[BSCI] course	
	⁵ Depending on whether a student takes DTC 206 [EQJS] or DTC 475 [DIVR] for their do they should take a UCORE option that fulfills the opposite requirement in their third yea		
	⁶ DTC Electives (12 credits): Any DTC course not included in the degree requirements is DTC elective. One DTC elective course (3 credits) may be substituted by DTC 498 or 49	eligible to be a	
	⁷ Students who elect to take DTC 478 need to have taken DTC 355 as a prerequisite.		
History Revise	History - General Option (120 Credits)		8-23
graduation requirements for BA in History - General Option	36 credits of history are required, including 6 credits of US history, European history, and 9 credits of Non-Western/Global history; 21 of 300-400-level, which must include HISTORY 300 and 469; and a 1 concentration (at least 6 credits 300-400-level) in the same or in rela disciplines with the advisor's approval.	credits at the 2-credit	
	To be admitted to the History – General option, a student must make intention known to the department and have earned at least a 2.0 cur		
	It is assumed that prior to the junior year the student will have comp meeting UCORE and College of Arts and Sciences requirements for		
	A grade of C or better is required in all history courses used to fulfil requirements for this degree.	1 the	
	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	

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
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
<u>HISTORY 469 [M]</u>	<u>3</u>
Concentration Course ³	3
HISTORY Electives ²	6
Electives ⁴	6
Second Term	Credits
Concentration Course ³	<u>3</u>
HISTORY 469	3
<u>111510K1 407</u>	_
Integrative Capstone [CAPS] Electives ⁴	3

	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, <u>378</u>, <u>379</u>, <u>387</u>, 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, 334, 335; Popular Culture and the Arts: HISTORY 216, <u>224</u>, 232, 281, 320, 321, 322, 355, <u>384</u> 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 <u>285</u>, 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	8-23
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	

Journalism and Media	Sports Communication	8-23
Production		
Revise	The minor in Sports Communication requires a minimum of 18 credits. Four Five	
requirements for	of the six courses required for the minor must be from the College of	
minor in Sports Communication	Communication. Required <u>survey</u> course <u>:</u> s include COM 105 and COM 225.	
Communication	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), 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. <u>Only two courses from the minor may be applied to</u>	
	a student's major(s). Check with the Murrow <u>Center for Student Success</u> College	
Languagas	Student Services Office for additional information.	8-23
Languages, Cultures, and	Film Studies	8-23
Race	The Film Studies Minor introduces students to the critical study of cinema and	
Revise	media studies. It explores how cinema both reflects and influences the facts,	
requirements for minor in Film	ideas, and activities of any given society, and how film allows us to travel to most	
Studies		
	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	

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<u>12</u> elective credits geared toward social, cultural, or applied skills <u>offering a multidisciplinary approach to film studies and foster analysis from</u> <u>various perspectives: historical, philosophical, social, and cultural</u> are required. 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 <u>320, 400, MUS</u> 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.<u>Courses counting toward the Film Studies</u> 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 <u>emphasize analysis</u> of film in an interdisciplinary manner <u>(through the arts, architecture, literature, history, philosophy, and language)</u> 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	
Music Revise graduation	Music Education - Elective Studies in Education Option (120 Credits)	8-23
requirements for BA in Music	Students following any teacher preparation option are required to present an acceptable senior half recital in the major performance medium.	
Education - Elective Studies in Education Option	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) 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 U	CORE 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 co MUS 301-318, 320, 401-418, 420.	ourses include
² To meet University and College of Arts and Sciences requirements, students must take a [BS0 with lab and [PSCI] course with lab.	CI] course
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 (1 430, 431), and 2 credits instrumental (MUS 434, 436, 437, 438)	MUS 429,
⁶ Spring only.	
⁷ One from ENGLISH 201, 301, 302, or 402 is required for admission to the Teacher Education Students who take ENGLISH 302 will need to take an additional [WRTG] or [COMM] cours	
⁸ MUS Endorsement Electives (8 credits required including at least 1 term MUS 480): Approve include MUS 480, 482, 483, <u>484, 485, 486, 487, 488, 489, 493, and 494, and 495</u> .	ed courses