SCHOOL of MUSIC



B.A. IN MUSIC PLUS A SECONDARY MAJOR IN BIOCHEMISTRY

- The B.A. degree in Music requires 124 credits.
 - --66 hours must be non-music credits.
 - --40 hours must be 300 or 400-level courses.

--All music majors have Arts Event Attendance Requirements; for details, check https://www.butler.edu/jca/for-current-students.

• The double major of Music and Biochemistry will fulfill the following Areas of Inquiry in the University Core Curriculum: Perspectives of the Creative Arts, The Natural World, and Analytic Reasoning. In addition, the B.A. Music curriculum fulfills the Social Justice and Diversity requirement of the Butler University Core Curriculum; music majors are exempted from the Butler Cultural Requirement because of the arts event attendance requirements for all arts majors. The Indianapolis Community Requirement is NOT satisfied.

• The student will be assigned a Biochemistry advisor in addition to their Music advisor.

Semester 1			Semester 2		
AM 021*	Keyboard Skills 1	1	AM 022*	Keyboard Skills 2	1
•	If the major instrument is piano, the student should take AM 031, Piano Major: Keyboard Skills 1*				
and AM (032, Piano Major: Keyboard Skills .	2 instea	d of AM 021, AN	Л 022, AM 023, and AM 024.	
AM	Major Instrument or Voice	2	AM	Major Instrument or Voice	2
ES	Major Ensemble	1	ES	Major Ensemble	1
MT 101	Music Theory 1	3	MT 102	Music Theory 2	3
MT 111	Aural Skills 1	1	MT 112	Aural Skills 2	1
FYS 101	First Year Seminar	3	FYS 102	First Year Seminar	3
CH 105*	General Chemistry 1	4	CH 106*	General Chemistry 2	4
Language Elective		3	CH 160	Modern Issues in Biochem	1
			Language Ele	ective	3
Explanation: 6 hours of the same language at the 200-level or higher are required					

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TOTAL Credit Hours:

18

19

*Students who received a score of 4 or 5 on the AP Chemistry test should register for CH 107. Students without AP credit should take the on-line placement test prior to enrolling in CH 105/106; an especially strong background in high school chemistry might also suggest taking CH 107.

Semester 3			Semester 4		
AM 023	Keyboard Skills 3	1	AM 024	Keyboard Skills 4	1
AM	Major Instrument or Voice	2	AM	Major Instrument or Voice	2
ES	Major Ensemble	1	ES	Major Ensemble	1
MT 201	Music Theory 3	3	ME 330	Self-Represent for Musicians	1
MT 211	Aural Skills 3	1	MT 202	Music Theory 4	3
			MT 212	Aural Skills 4	1

BI 210 CH 351	Genetics – Fundamentals Organic Chemistry 1	4 4	BI 220 CH 352	Cell & Mol Biology – Fund Organic Chemistry 2	4 4
TOTAL Credit H	lours:	16			17
Semester 5			Semester 6		
Semester 5			Semester 0		
AM	Major Instrument or Voice	2	AM	Major Instrument or Voice	2
ES	Major Ensemble	1	ES	Major Ensemble	1
MH 308-SJD	Music in Global Contexts	3	MH 305	Music History 1	2
			GHS	Global and Historical Studies	3
			PWB	Physical Well-Being	1
			TI	Texts and Ideas	3
CH 321	Analytical Chemistry	4	CH 361	Introduction to Biochemistry	3

TOTAL Credit Hours:

Calculus & Anal. Geo. 1

MA 106**

**Math placement test required; the student may need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106. Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.

CH _____

400-level Laboratory Elective

3

18

4

14

Semester 7			Semester 8		
AM ES MH 306	Major Instrument or Voice Major Ensemble Music History 2	2 1 3	AM ES ME 430	Major Instrument or Voice Major Ensemble E-Portfolio Capstone	2 1 0
SW	The Social World	3	MH 307 GHS	Music History 3 Global and Historical Studies	3 3
CH 362 CH 363 CH	Biochemistry 1 Biochemistry Laboratory 1 Elective	4 2 3	CH 462 CH 464 BI/CH	Biochemistry 2 Exp Learning in Macro Struct Elective	3 2 3
TOTAL Credit Hours:		18			17

SUMMARY

REQUIRED MUSIC COURSES:

Note: The 8-semester sequence shown above includes AM 021 and AM 022, as well as 4 additional semesters of Applied Music (8 credits) and 2 additional semesters of Major Ensemble (2 credits), in addition to the courses listed below. While not required in the B.A. degree, most music majors will take these additional classes for placement or scholarship reasons.

AM 023,024*	Keyboard Skills 3,4	2
*AM 031 & AN	1 032 if major instrument is piano	
AM	Major Instrument or Voice	8
ES	Major Ensemble	6
ME 330	Self-Representation for Musicians	1
ME 430	E-Portfolio Capstone	0
MH 305	Music History and Literature 1	2
MH 306	Music History and Literature 2	3
MH 307	Music History and Literature 3	3
MH 308-SJD	Music in Global Contexts	3
MT 101	Music Theory 1	3
MT 111	Aural Skills 1	1
MT 102	Music Theory 2	3
MT 112	Aural Skills 2	1
MT 201	Music Theory 3	3
MT 211	Aural Skills 3	1
MT 202	Music Theory 4	3
MT 212	Aural Skills 4	1
	TOTAL	44 (plan shows 56 music credits per the note above)
UNIVERSITY CO	RE CURRICULUM:	
FYS 101,102		3,3
GHS	Global and Historical Studies	3,3
SW	The Social World (if needed)	3
TI	Texts and Ideas	3
PWB	Physical Well-Being	1
	TOTAL	19
COURSES REQU	IRED FOR THE BIOCHEMISTRY MAJOR:	
BI 210	Genetics – Fundamentals	4
BI 220	Cell & Molecular Biology – Fundamentals	4
CH 105*,106*	General Chemistry 1,2	4,4
CH 160	Modern Issues in Biochemistry	1
CH 321	Analytical Chemistry	4
CH 351	Organic Chemistry 1	4
CH 352	Organic Chemistry 2	4
CH 361	Introduction to Biochemistry	3
CH 362	Biochemistry 1	4
CH 363	Biochemistry Laboratory 1	2
CH 462		2
••••	Biochemistry 2	3
CH 464	Biochemistry 2 Exp Learning in Macromolecular Structure	2
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CH 424	CH 424 Instrumental Analysis Laboratory					
CH 433	Inorganic Chemistry Laboratory					
CH 453	Advanced Organic Chemistry Labora	tory				
CH 463	Biochemistry Laboratory 2					
CH 473	Physical Chemistry Laboratory					
CHOOSE at least 3	3 credits of CH and another 3 credits	of CH or BI, chosen from: 6				
BI 323	Principles of Immunology	2				
BI 325	Principles of Pathogenic Microbiolog	gy 3				
BI 411	Principles of Physiology	4				
BI 432	Plant Physiology	4				
BI 433	Advanced Cell Biology	4				
BI 434	Transmission Genetics	4				
BI 435	Molecular Genetics	4				
BI 436	Genomics, Bioinfo & Gene Evol	4				
BI 438	Microbiology	4				
BI 440	Molecular Virology	4				
BI 460/NS 460	Cell & Molecular Neurobiology	3-4				
CH 331	Inorganic Chemistry	3				
CH 371	Physical Chemistry 1	3				
CH 408/418	Chem in Our Lives/Chem Issues	3				
CH 422	Analytical Chemistry 2	3				
CH 425	Environmental Chemistry	3				
CH 431	Inorganic Chemistry 2	3				
CH 451	Advanced Organic Chemistry	3				
CH 472	Physical Chemistry 2	3				
CH 4X9	Special Topics in Chemistry	3				
Language	Language 6 hours of the same language at the 200-level or higher					
	TOTAL	62				

*Students who received a score of 4 or 5 on the AP Chemistry test should register for CH 107. Students without AP credit should take the on-line placement test prior to enrolling in CH 105/106; an especially strong background in high school chemistry might also suggest taking CH 107.

**Math placement test required; the student may need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106. Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.