Columbia
COLLEGE CHICAGO

FOUR-YEAR STUDENT DEGREE PLAN
2022-2023 ACADEMIC YEAR

Degree:	Bachelor of Science	Credits required for degree:	128
Major:	Music Technology	Credits required in major:	75
Concentration:	Select from list of MT concentrations - page 3	Estimated semesters to complete this degree plan:	8

1st Semester Courses (Typically the Fall Semester)	Credit Hours	2nd Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	**16**	**Total Semester Credit Hours**	**16**
AUDI 102 Introduction to Audio	3	PHYS 215 Science of Acoustics	3
AUDI 104 Audio Electronics	2	AUDI 103 Audio Theory & Systems	3
AUDI 121 Fundamentals of Audio Production	3	GAME 140 Sound for Interaction	3
ENGL 111 Writing and Rhetoric I (Core)	3	PROG 101 Introduction to Programming **or** PROG 110 Art of Code	3
CCCX 1** First Semester Experience (Core)	3	ENGL 112 Writing and Rhetoric II (Core)	3
College-Wide Elective	2	College-Wide Elective	1
3rd Semester Courses (Typically the Fall Semester)	**Credit Hours**	**4th Semester Courses (Typically the Spring Semester)**	**Credit Hours**
Total Semester Credit Hours	**16**	**Total Semester Credit Hours**	**16**
MUSC 110 Foundations of Music I	4	AUDI 231 Psychoacoustics	3
MUSC 174 Applied Music I	2	MATH 221 Calculus II	4
AUDI 211 Audio Programming and Performance **or** GAME 235 Sound and Music for Interactive Visual Media	3	CCCX 2** Creative Communities (Core)	3
MATH 220 Calculus I	4	Columbia Core Requirement	3
Columbia Core Requirement	3	Columbia Core Requirement	3
5th Semester Courses (Typically the Fall Semester)	**Credit Hours**	**6th Semester Courses (Typically the Spring Semester)**	**Credit Hours**
Total Semester Credit Hours	**16**	**Total Semester Credit Hours**	**16**
INMD 263 Physical Computing I	3	MEDI 481 The Sonic Experience	3
Concentration Course (Choose From List)	3	AUDI 311 Digital Audio Effects Programming	3
PHYS 120 Science of Electronics **or** SCIE 155 Science of Musical Instruments	4	Concentration Course (Choose From List)	3
Columbia Core Requirement	3	Columbia Core Requirement	3
College-Wide Elective	3	Columbia Core Requirement	3
		College-Wide Elective	1
7th Semester Courses (Typically the Fall Semester)	**Credit Hours**	**8th Semester Courses (Typically the Spring Semester)**	**Credit Hours**
Total Semester Credit Hours	**16**	**Total Semester Credit Hours**	**16**
MEDI 481 The Sonic Experience	3	MEDI 481 The Sonic Experience	3
MATH 310 Linear Algebra or MATH 340 Numerical Analysis	4	MEDI 482 Music Technology Capstone	1
Concentration Course (Choose From List)	3	Concentration Course (Choose From List)	3
Columbia Core Requirement	3	CCCX 3** Innovation and Impact (Core)	3
Columbia Core Requirement	3	Columbia Core Requirement	3
		College-Wide Elective	3

Notes on the Four-Year Student Degree Plan:

This degree plan is a suggested sequence only. Students should consult with their Academic Advisors and Academic Departments to develop their unique individual plans.

Essential LAS Core Requirements include English, Mathematics, Sciences, Literature, Humanities, History, and Social Sciences. **Columbia Experience Core Requirements** include First-Semester Experience, Creative Communities, and Innovation and Impact courses.

Major Electives include courses required to be completed to finish a major, and students will choose from a list of Major Electives in the course catalog.

College-Wide Electives include all courses and credits not specifically applied towards the Columbia Core or Major Requirements.

All degree-seeking undergraduate students are required to complete 6 credits of **Diversity, Equity, and Inclusion (DEI)** coursework. All degree-seeking undergraduate students are required to complete 9 credits of **advanced (200 or higher level)** coursework in the Columbia Core.

Students are encouraged to consider declaring a Minor to complete their required College-Wide Elective credits.

Full-time status at Columbia College Chicago is a minimum of 12 attempted credits per semester, but the cost of tuition is the same for 12-18 attempted credits. Students are encouraged to attempt 15-18 credits each semester for financial reasons and to complete their degree (120-128 minimum credits) in a timely fashion.

Columbia
C O L L E G E C H I C A G O

Degree: Bachelor of Science	**Credits required for degree:**	**128**
Major: Music Technology	**Credits required in major:**	**75**
Concentration: Select from list of MT concentrations - page 3	**Estimated semesters to complete this degree plan:**	**6**

1st Semester Courses (Typically the Fall Semester)	Credit Hours	2nd Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	**15**	**Total Semester Credit Hours**	**16**
AUDI 102 Introduction to Audio	3	AUDI 103 Audio Theory & Systems	3
AUDI 104 Audio Electronics	2	PROG 101 Introduction to Programming or PROG 110 Art of Code	3
AUDI 121 Fundamentals of Audio Production	3	GAME 140 Sound for Interaction	3
PHYS 215 Science of Acoustics	3	MATH 221 Calculus II	4
MATH 220 Calculus I	4	CCCX 3** Innovation and Impact (Core)	3

3rd Semester Courses (Typically the Fall Semester)	Credit Hours	4th Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	**15**	**Total Semester Credit Hours**	**16**
AUDI 211 Audio Programming and Performance or GAME 235 Sound and Music for Interactive Visual Media	3	AUDI 231 Psychoacoustics	3
MUSC 110 Foundations of Music I	4	MEDI 481 The Sonic Experience	3
MUSC 174 Applied Music I	2	AUDI 311 Digital Audio Effects Programming	3
INMD 263 Physical Computing I	3	Concentration Course (Choose From List)	3
Concentration Course (Choose From List)	3	PHYS 120 Science of Electronics or SCIE 155 Science of Musical Instruments	4

5th Semester Courses (Typically the Fall Semester)	Credit Hours	6th Semester Courses (Typically the Spring Semester)	Credit Hours
Total Semester Credit Hours	**13**	**Total Semester Credit Hours**	**4**
MEDI 481 The Sonic Experience	3	MEDI 481 The Sonic Experience	3
Concentration Course (Choose From List)	3	MEDI 482 Music Technology Capstone	1
Concentration Course (Choose From List)	3		
MATH 310 Linear Algebra or MATH 340 Numerical Analysis	4		

Notes on the Transfer Student Degree Plan:

This degree plan assumes a student is starting at Columbia with a **minimum of 60 credits in transfer** and the completion of the Essential LAS Core Requirements. **This degree plan is a suggested sequence only.** Students should consult with their Academic Advisors and Academic Departments to develop their unique individual plans.

Essential LAS Core Requirements include English, Mathematics, Sciences, Literature, Humanities, History, and Social Sciences. **Columbia Experience Core Requirements** include First-Semester Experience, Creative Communities, and Innovation and Impact courses.

Major Electives include courses required to be completed to finish a major, and students will choose from a list of Major Electives in the course catalog.

College-Wide Electives include all courses and credits not specifically applied towards the Columbia Core or Major Requirements.

All degree-seeking undergraduate students are required to complete 6 credits of **Diversity, Equity, and Inclusion (DEI)** coursework. All degree-seeking undergraduate students are required to complete 9 credits of **advanced (200 or higher level)** coursework in the Columbia Core.

Students are encouraged to consider declaring a Minor to complete their required College-Wide Elective credits.

Full-time status at Columbia College Chicago is a minimum of 12 attempted credits per semester, but the cost of tuition is the same for 12-18 attempted credits. Students are encouraged to attempt 15-18 credits each semester for financial reasons and to complete their degree (120-128 minimum credits) in a timely fashion.

2022-2023 MUSIC TECHNOLOGY, BS Concentrations - *Choose one from list below*

Sonic Arts Concentration - *Choose four of the following courses:*
    AUDI 122 DAW Production Techniques and Applications
    AUDI 333 Perception and Cognition of Sound
    AUDI 412 Spatial Audio
    AUDI 415 Advanced Practicum in Sound Art
    MUSC 111 Foundations of Music II
    MUSC 175 Applied Music II - *Foundations of Music II and Applied Music II, taken concurrently, count as one course.*
    MUSC 223 Elements of Music Design
    MUSC 228 Digital Music Composition and Performance
    MUSC 361 Music, Time, and Place I

Sound and Music Computing Concentration - *Choose four of the following courses*
    AUDI 314 New Musical Interface Design
    AUDI 411 Data Sonification
    AUDI 412 Spatial Audio
    AUDI 443 Networks and Networking for Media
    GAME 240 Sound Design for Games I
    INMD 363 Physical Computing II
    PROG 201 Programming II
    PROG 220 C++ Programming I

Interactive Music Design Concentration - *Choose four of the following courses*
    AUDI 313 Building Circuits for Sound Art I
    AUDI 314 New Musical Interface Design
    AUDI 413 Building Circuits for Sound Art II
    GAME 240 Sound Design for Games I
    INMD 320 Wearable Interfaces
    INMD 363 Physical Computing II