BACHELOR OF MUSIC IN RECORDING ARTS & SCIENCES - COMPUTER MUSIC

Program Requirements

For common requirements, please see the Bachelor of Music Degree (https://e-catalogue.jhu.edu/peabody/bachelor-music-degree/) page.

Code	Title	Credits
Major Area		
PY.100.100	Major Lesson 1 HR (Eight (8) Semesters Required)	32
PY.350.545 & PY.350.546	Computer Music Seminar (UG) and Computer Music Seminar (UG) (Eight (8) Semesters Required) [1]	8
PY.350.701	Computer Music Recital (UG)	2
PY.910.xxx	Large Ensemble	8
The Breakthrough Curriculum		
PY.123.111	Exploring Arts Careers	1
PY.123.311	Building a Brand and Portfolio	2
PY.123.312	Pitching Your Creative Idea (UG)	2
Supportive Courses in Music		
PY.715.123 & 123 & PY.715.223 & PY.715.224	Ear Training 1 and Ear Training 1 and Ear Training 3 and Ear Training 4	8
PY.715.155 & PY.715.156 & PY.715.255 & PY.715.256	Keyboard Studies 1 and Keyboard Studies 2 and Keyboard Studies 3 and Keyboard Studies 4	8
PY.710.111 & PY.710.112 & PY.710.211 & PY.710.212 & PY.710.311 & PY.710.312	Theory 1 and Theory 2 and Theory 3 and Theory 4 and Theory 5 and Theory 6	18
PY.710.412	Instrumentation & Arranging [2]	3
PY.710.6xx	Advanced Theory Elective [3]	3
PY.350.463 & PY.350.464	Introduction to Computer Music and Introduction to Computer Music 2	6
PY.350.466	Introduction to Programming [4]	3
PY.610.32x	Select any three (3) courses from the following: History of Music 1 PY.610.321, History of Music 2 PY.610.322, History of Music 3 PY.610.323, one (1) Topics in Ethnomusicology course [5]	9
PY.610.xxx	Select one (1) Topics in Ethnomusicology course or one (1) Graduate Musicology Seminar [5]	3
Recording Arts		
PY.550.111 & PY.550.112 & PY.550.211 & PY.550.212	Recording 1a - Fundamentals and Recording 1b - Fundamentals and Recording 2a - Studio Technology and Recording 2b - Studio Technology	8
PY.550.311 & PY.550.312 & PY.550.411 & PY.550.412	Recording 3a - Classical/Jazz Techniques and Recording 3b - Classical/Jazz Mixing and Editing and Recording 4a - Rock/Pop Techniques and Recording 4b - Rock/Pop Mixing and Editing	10
EN.520.137	First Year ECE Design	4
EN.520.230	Mastering Electronics	3
EN.520.231	Mastering Electronics Laboratory	2
PY.550.624	Architectural Acoustics 1	3
PY.550.419	Recording Internship	4
General Studies		
PY.260.115	Core 1	3
PY.260.216	Core 2	3
AS.110.108 & AS.110.109	Calculus I (Physical Sciences & Engineering) and Calculus II (For Physical Sciences and Engineering) (KSAS)	8
AS.171.101 & AS.171.102	General Physics: Physical Science Major I and General Physics: Physical Science Major II (KSAS)	8
Electives		
Professional Electives [6]		3
Total Credits		**175**

[1] Students are welcome to attend Composition Seminar as appropriate to the focus of their work.

[2] Students may elect PY.710.413 Orchestration 1-PY.710.414 Orchestration 2 in consultation with the department.

[3] Computer Music majors must complete Music Theory 1-4 before enrolling in a graduate seminar.

[4] EN.500.112 Gateway Computing: JAVA can also fulfill this requirement.

[5] Topics in Ethnomusicology courses include the following: PY.610.324, PY.610.325, PY.610.326, and PY.610.327. One course will be offered each semester on a rotating schedule.

[6] Chosen in consultation with department advisor.

Sample Program of Study

Course	Title	Credits
First Year		
First Semester		
PY.100.100	Major Lesson 1 HR	4
PY.350.545	Computer Music Seminar (UG)	1
PY.715.123	Ear Training 1	2
PY.715.155	Keyboard Studies 1	2
PY.710.111	Theory 1	3
PY.350.463	Introduction to Computer Music	3
PY.550.111	Recording 1a - Fundamentals	2
PY.260.115	Core 1	3
AS.110.108	Calculus I (Physical Sciences & Engineering) (KSAS)	4
	Credits	**24**
Second Semester		
PY.100.100	Major Lesson 1 HR	4
PY.350.546	Computer Music Seminar (UG)	1
PY.715.123	Ear Training 1	2
PY.715.156	Keyboard Studies 2	2

PY.710.112	Theory 2	3
PY.550.112	Recording 1b - Fundamentals	2
PY.260.216	Core 2	3
AS.110.109	Calculus II (For Physical Sciences and Engineering) (KSAS)	4
	Credits	**21**

Second Year

First Semester

PY.100.100	Major Lesson 1 HR	4
PY.350.545	Computer Music Seminar (UG)	1
PY.910.xxx	Large Ensemble	2
PY.123.111	Exploring Arts Careers (may be taken fall or spring semester)	1
PY.715.223	Ear Training 3	2
PY.715.255	Keyboard Studies 3	2
PY.710.211	Theory 3	3
PY.550.211	Recording 2a - Studio Technology	2
AS.171.101	General Physics: Physical Science Major I (KSAS)	4
	Credits	**21**

Second Semester

PY.100.100	Major Lesson 1 HR	4
PY.350.546	Computer Music Seminar (UG)	1
PY.910.xxx	Large Ensemble	2
PY.715.224	Ear Training 4	2
PY.715.256	Keyboard Studies 4	2
PY.710.212	Theory 4	3
PY.350.464	Introduction to Computer Music 2	3
PY.550.212	Recording 2b - Studio Technology	2
AS.171.102	General Physics: Physical Science Major II (KSAS)	4
	Credits	**23**

Third Year

First Semester

PY.100.100	Major Lesson 1 HR	4
PY.350.545	Computer Music Seminar (UG)	1
PY.910.xxx	Large Ensemble	2
PY.123.311	Building a Brand and Portfolio	2
PY.710.311	Theory 5	3
PY.350.466	Introduction to Programming	3
PY.610.321	History of Music 1	3
PY.550.311	Recording 3a - Classical/Jazz Techniques	2
	Credits	**20**

Second Semester

PY.100.100	Major Lesson 1 HR	4
PY.350.546	Computer Music Seminar (UG)	1
PY.910.xxx	Large Ensemble	2
PY.123.312	Pitching Your Creative Idea (UG)	2
PY.710.312	Theory 6	3
PY.610.322	History of Music 2	3
EN.520.137	First Year ECE Design	4
PY.550.312	Recording 3b - Classical/Jazz Mixing and Editing	2

	Professional Elective	3
	Credits	**24**

Fourth Year

First Semester

PY.100.100	Major Lesson 1 HR	4
PY.350.545	Computer Music Seminar (UG)	1
PY.710.6xx	Advanced Theory Elective	3
PY.610.323	History of Music 3	3
PY.550.411	Recording 4a - Rock/Pop Techniques	3
EN.520.230	Mastering Electronics	3
EN.520.231	Mastering Electronics Laboratory	2
	Credits	**19**

Second Semester

PY.100.100	Major Lesson 1 HR	4
PY.350.546	Computer Music Seminar (UG)	1
PY.350.701	Computer Music Recital (UG)	2
PY.710.412	Instrumentation & Arranging	3
PY.610.xxx	Musicology Elective	3
PY.550.412	Recording 4b - Rock/Pop Mixing and Editing	3
PY.550.624	Architectural Acoustics 1	3
PY.550.419	Recording Internship	4
	Credits	**23**
	Total Credits	**175**