

BACHELOR OF MUSIC IN RECORDING ARTS & SCIENCES

The Bachelor of Music in Recording Arts and Sciences program is designed to meet the expanding need for skilled audio technicians, producers, and engineers who possess both technical expertise and a sophisticated knowledge of music. Frequently taken as a double major program, the Bachelor of Music in Recording Arts combines an applied performance or a composition major with a technical education in recording technology. Relevant studies in electrical engineering, math, science, and computer science are taken at the Krieger School of Arts and Sciences and the Whiting School of Engineering of The Johns Hopkins University on the Homewood campus.

Program Requirements

The Recording Arts curriculum includes extensive practical experience, in styles ranging from jazz, rock, and popular music to classical opera, chamber, choral and orchestral. In addition to regular laboratory sessions with live musical groups of all styles, students serve as recording engineers for all Peabody performances, including providing the audio feed for those events being streamed live. All recording majors are expected to work in the recording studios throughout the course of their enrollment as part of the College Work Study program. Following their third year, students complete an internship with a company or individual specializing in the area of the industry in which they intend to pursue a career following graduation.

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.020.100	Minor Lesson 1 Hour (2 Semesters (4))	4
PY.910.xxx	Large Ensemble	4
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 & PY.715.124 & PY.715.223 & PY.715.224	Ear Training 1 and Ear Training 2 and Ear Training 3 and Ear Training 4	8
PY.715.155 & PY.715.156	Keyboard Studies 1 and Keyboard Studies 2	4
Advanced Keyboard Studies (Classical or Jazz Requirements)		4
PY.710.111	Theory 1	3
PY.710.112	Theory 2	3
PY.710.211	Theory 3	3
Advanced Theory (Classical or Jazz Requirements)		9
PY.610.2xx	Introduction to Musicology	3
PY.610.2xx	Western Art Music, 1600-1950	3
Topics in Musicology (Intro and WAM as pre-requisites)		6
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
Liberal Arts Electives PY.260.XXX		3
Recording Arts Courses		
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.550.515	Musical Acoustics	3
PY.550.624	Architectural Acoustics 1	3
PY.550.419	Recording Internship	4
PY.710.412	Instrumentation & Arranging	3
Professional Electives		6
Total Credits		130

Double Majors

The major in Recording Arts and Science may be combined with the following majors: Composition, Computer Music, Guitar, Jazz Performance, Orchestral Instruments, and Piano. Other combinations are not permitted.

To aid the combination with an applied music major, the requirements at the top of the chart are common to applied majors as well; they will double count. The courses listed under "Recording Arts Courses" are unique to this program and must be added to the courses in the other major. The following changes to the above list apply to students who double major:

- Minor Lessons are replaced by the Major Lessons.
- Calculus and Physics satisfy Liberal Arts credits for both majors.
- PY.550.515 (Musical Acoustics) and PY.710.412 (Instrumentation and Arranging) are waived.
- Three credits of Professional Electives are required rather than six.

Double majoring adds 37 credits to the applied music major.

Recording Arts + Performance: Computer Music

Studio Techniques under the Computer Music major is waived.

Recording Arts + Performance: Piano

The Piano Major's "Keyboard Skills" courses substitute for Keyboard Studies above.

Recording Arts + Jazz Performance

Students double majoring in RAS and Jazz will follow the Jazz Performance curricula for Theory, Ear Training, Keyboard Skills, and Musicology.

Sample Program of Study

Course	Title	Credits
First Year		
First Semester		
PY.715.123	Ear Training 1	2
PY.020.100	Minor Lesson 1 Hour	2
PY.715.155	Keyboard Studies 1	2
PY.710.111	Theory 1	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		18
Second Semester		
PY.020.100	Minor Lesson 1 Hour	2
PY.715.124	Ear Training 2	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		18
Second Year		
First Semester		
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.710.211	Theory 3	3
PY.715.255	Keyboard Studies 3 (or Jazz Keyboard Studies 1)	2
PY.550.211	Recording 2a - Studio Technology	2
AS.171.101	General Physics: Physical Science Major I (KSAS)	4
PY.610.2xx	Introduction to Musicology	3
Credits		19
Second Semester		
PY.910.xxx	Large Ensemble	2
PY.715.224	Ear Training 4 (or Jazz Ear Training 1)	2
PY.710.3xx	Topics in Music Theory	3
PY.715.256	Keyboard Studies 4 (or Jazz Keyboard Studies 2)	2
PY.550.212	Recording 2b - Studio Technology	2
AS.171.102	General Physics: Physical Science Major II (KSAS)	4
PY.610.2xx	Western Art Music, 1600-1950	3
Credits		18

Third Year

First Semester

PY.123.311	Building a Brand and Portfolio	2
PY.710.3xx	Topics in Music Theory	3
PY.610.3xx	Topics in Musicology	3
PY.550.624	Architectural Acoustics 1	3
PY.550.311	Recording 3a - Classical/Jazz Techniques	2
Liberal Arts Electives PY.260.XXX		3

Credits

16

Second Semester

PY.123.312	Pitching Your Creative Idea (UG)	2
PY.710.4xx	Music Theory Capstone	3
PY.610.3xx	Topics in Musicology	3
PY.710.412	Instrumentation & Arranging	3
PY.550.312	Recording 3b - Classical/Jazz Mixing and Editing	2

Credits

13

Fourth Year

First Semester

PY.550.411	Recording 4a - Rock/Pop Techniques	3
EN.520.230	Mastering Electronics	3
EN.520.231	Mastering Electronics Laboratory	2
PY.550.515	Musical Acoustics	3
Professional Electives		3

Credits

14

Second Semester

PY.550.412	Recording 4b - Rock/Pop Mixing and Editing	3
PY.550.624	Architectural Acoustics 1	3
EN.520.137	First Year ECE Design	4
PY.550.419	Recording Internship	4

Credits

14

Total Credits

130