Undergraduate Program Requirements

Audio Arts & Acoustics Program Requirements

Currently displaying program requirements for academic year: | UNDG 2013-2014 ▼ |

Acoustics BS13

74-75 CREDITS ARE REQUIRED TO COMPLETE THIS BACHELOR OF SCIENCE MAJOR. Please note: The typical CGPA of a student in Acoustics BS is in excess of 3.0. Students need to be aware that the Acoustics BS program is particularly intensive in science and mathematics.

AA&A - Acoustics BS 2013

31 CREDITS - NOTE: Calculus I is a pre-requisite for most courses in this degree major.

Acoustics Requirements		Courses:	10/10
Course	Title	Credits	Grade
43-2110	**Basic Audio Systems**	**3**	**C**
43-2725	**Studies in Hearing**	**3**	**C**
43-2310	**Psychoacoustics**	**3**	**C**
43-1115	**Audio Production I**	**4**	**C**
43-2315	**Architectural Acoustics**	**3**	**C**
43-3315	**Environmental Acoustics**	**3**	**C**
43-3615	**Topics Systems Contracting I**	**3**	**C**
43-3325	**Acoustical Testing I**	**3**	**C**
43-3326	**Acoustical Testing II**	**3**	**C**
43-3320	**Acoustical Modeling**	**3**	**C**

28 CREDITS - Students must take ALL the following courses offered by the college OR have similar courses transferred from other institutions.

Science & Math Reqs		Courses:	8/8
Course	Title	Credits	Grade
56-2721	**Calculus II**	**4**	**C**
56-3710	**Calculus III**	**3**	**C**
56-3720	**Elementary Differential Equations**	**3**	**C**
56-1722	**Introduction to Statistical Methods**	**3**	**C**
56-3740	**Linear Algebra**	**4**	**C**
56-3730	**Numerical Analysis**	**4**	**C**
56-1240	**Material Science Technology**	**4**	**C**
56-2830	**Fundamentals of Physics I**	**3**	**C**

15-16 CREDITS - Select 5 courses from the following:

	Courses:	5/5
AA&A Electives		

Course	Title	Credits	Grade
43-2325	Studies in Applied Acoustics	3	C
43-2410	Aesthetics of the Motion Picture Soundtrack	3	C
43-2610	Project Planning, Process and Implementation	3	C
43-2720	History of Audio	3	C
43-3120	Perception and Cognition of Sound	3	C
43-3290	Master Class in Sound Art	3	C
43-3310	Acoustics of Performance Spaces	3	C
43-3330	Engineered Acoustics	3	C
43-3340	Fundamentals of Vibration Analysis	3	C
43-3515	Studies in Loudspeaker Theory	3	C
43-3526	Digital Equalization and System Management	3	C
43-3610	Sound System Design	4	C
43-3619	Installed Systems Documentation	3	C
43-3622	Networks and Networking for Media	3	C
43-3720	Principles of Digital Signal Processing	3	C

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