

Pitt State Pathway Requirements for all Baccalaureate Degrees **BME Version, pg. 2**

Core Elements: A=Written Communication, B=Verbal Communication, C=Quantitative/Analytic Methods

Essential Studies: D=Human Exp., E=Human Systems, F=Natural World, G=Wellness Strategies

Updated 2-3-20

Companion Elements:0=None, 1= Diverse Perspectives,2=Social Responsibility,3=Non-verbal and Creative Expression,4=Scientific Inquiry

Code	Course #	Course Title	Hrs.	Code	Course #	Course Title	Hrs.
CORE ELEMENTS - 12 Total hours				ESSENTIAL STUDIES (Continued) 23-24 hours minimum			
<u>Written Communication</u>				D3	HHP*151	Dance Appreciation	3
A0	ENGL*101	English Composition	3	D3	MUSIC*120	Music Appreciation ()	3
A0	ENGL*299	Intro to Research Writing (or 190/Honors)	3	D3	MUSIC*121	Introduction to Music Literature	3
<u>Verbal Communication</u>				D3	MUSIC*321	History of Music	3
B0	COMM*207	Speech Communication	3	D3	MUSIC*322	History of Music	3
<u>Quantitative/Analytic Methods - Select ONE</u>				<u>Human Systems / No Companion Elements</u>			
C0	MATH*110	College Algebra with Review	5	E0	CIS*130	Computer Information Systems	3
C0	MATH*113	College Algebra	3	E0	EDUC*261	Explorations in Education	3
C0	MATH*126	Pre-Calculus	4	E0	EET*247	Computer Programming for Electronics	3
C0	MATH*133	Quantitative Reasoning	3	E0	MECET*121	Engineering Graphics I	3
C0	MATH*143	Elementary Statistics	3	E0	MGT*101	Introduction to Business	3
C0	MATH*150	Calculus I	5	<u>Human Systems / Diverse Perspectives</u>			
C0	MATH*204	Mathematics for Education I	3	E1	ANTH*101	Introduction to Cultural Anthropology	3
C0	PHIL*206	Rational Decisions	3	E1	GEOG*106	World Regional Geography	3
C0	PHIL*207	Critical Thinking	3	E1	GEOG*300	Elements of Geography	3
C0	PHIL*208	Logic	3	E1	GEOG*304	Human Geography	3
ESSENTIAL STUDIES (letter) / Companion Element (number)				E1	HIST*101	World History to 1500	3
23-24 hours minimum total				E1	HIST*102	World History from 1500	3
<u>The Human Experience/Diverse Perspectives</u>				E1	HIST*201	American History to 1865	3
D1	ENGL*113	General Literature	3	E1	HIST*202	American History from 1865	3
D1	ENGL*114	General Literature (Genre)	3	E1	MFGET*405	Quality Control	3
D1	ENGL*116	General Literature (Theme)	3	E1	MLL*124	French Language & Culture 1	3
D1	ENGL*120	Literature and Film	3	E1	MLL*154	Spanish Language and Culture I	3
D1	ENGL*250	Introduction to Creative Writing	3	E1	PHL*103	Introduction to Philosophy	3
D1	ENGL*315	Mythology	3	E1	PHIL*231	World Religions	3
D1	ENGL*320	Literature and Film (upper level)	3	E1	POLS*103	Comparative Political Institutions	3
<u>The Human Experience/Non-Verbal & Creative Expression</u>				E1	SOC*100	Introduction to Sociology	3
D3	ART*178	Introduction to Visual Arts	3	E1	WGS*399	Global Women's Issues	3
D3	ART*188	The Designed World	3	<u>Human Systems / Social Responsibility</u>			
D3	ART*217	Crafts I	3	E2	ECON*191	Issues in Today's Economy	3
D3	ART*222	Jewelry Design I	3	E2	ECON*200	Principles of Microeconomics	3
D3	ART*233	Drawing I	3	E2	ECON*201	Principles of Macroeconomics	3
D3	ART*244	Ceramics I	3	E2	EDTH*330	Technology in the Classroom	3
D3	ART*266	Sculpture I	3	E2	ETECH*502	Engineering Economy	3
D3	ART*277	Painting I	3	E2	FCS*230	Consumer Ed/Personal Finances	3
D3	ART*288	Introduction to Art History I	3	E2	FIN*210	Financial Planning	3
D3	ART*289	Introduction to Art History II	3	E2	GT*190	Introduction to Technological Systems	2
D3	ART*311	Art Education	3	E2	GT*210	Technology in the World Today	3
D3	COMM*105	Performance Appreciation	3	E2	GT*350	Technology and Civilization	3
D3	COMM*205	Performance Studies	3	E2	NURS*303	Introduction to Public Health	3
D3	COMM*395	Theatre History ()	3				

Pitt State Pathway Requirements for all Baccalaureate Degrees

ESSENTIAL STUDIES - 23-24 hours minimum total (Cont.)

Human Systems / Social Responsibility (Cont.)

E2	PHIL*105	Ethics	3
E2	PHIL*112	Biomedical Ethics	3
E2	PHIL*113	Business Ethics	3
E2	PHIL*114	Environmental Ethics	3
E2	POLS*101	U.S. Politics	3
E2	WGS*200	Introduction to Women's Issues	3

Human Systems/Scientific Inquiry

E4	MFGET*263	Manufacturing Methods I	2
E4	MFGET*268	Manufacturing Methods I Lab	1

Natural World/No Companion Element

F0	BIOL*617	Environmental Health	3
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Natural World/Scientific Inquiry

F4	BIOL*111	General Biology	3
F4	BIOL*112	General Biology Lab	2
F4	BIOL*113	Environmental Life Science	4
F4	BIOL*211	Principles of Biology I	4
F4	CHEM*105	Introductory Chemistry	3
F4	CHEM*106	Introductory Chemistry Lab	1
F4	CHEM*215	General Chemistry I	3
F4	CHEM*216	General Chemistry I Lab	1
F4	PHYS*100	College Physics I	4
F4	PHYS*104	Engineering Physics I	4
F4	PHYS*130	Elementary Physics Lab I	1
F4	PHYS*160	Physical Geology	3
F4	PHYS*165	Physical Geology Lab	1
F4	PHYS*166	Meteorology	3
F4	PHYS*167	Meteorology Lab	1
F4	PHYS*171	Physical Science	3
F4	PHYS*172	Physical Science Lab	1
F4	PHYS*175	Descriptive Astronomy	3
F4	PHYS*176	Astronomy Lab	1
F4	PHYS*375	Solar System Astronomy	3

Wellness Strategies/No Companion Element

G0	EXSCI*200	Introduction to Exercise Science	1
G0	FCS*203	Nutrition and Health	3
G0	HHP*150	Lifetime Fitness Concepts	1
G0	HIST*207	Health Habits in America History	3
G0	REC*350	Promoting Cmmnty & Wrkste Wellness	3

Wellness Strategies/Non-Verbal & Creative

G3	DANCE*200	Dance ()	1
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Wellness Strategies/Scientific Inquiry

G4	PSYCH*155	General Psychology	3
H0	UGS*150	<u>Gorilla Gateway</u>	2

Academic Advising Planning Document

Code	Course Num.	Course Name	Cr. Hr
Core Elements - 12 hours			
A	ENGL*101	English Composition	3
A	ENGL*299	Introduction to Research Writing	3
B	COMM*207	Speech Communication	3
C			3-5
Essential Studies (not same Prefix as major) 23-24 hrs			
D to total 3-6 hrs / E to total 9-12 hrs = 15 hrs			
D			
D or E			
E⁰ EDUC 261 Explorations in Education WL			
E			
E			
F			
4-5			
G			
1-3			
G			
3			
H	UGS*150	Gorilla Gateway	2
Pathway Elective (from any D, E, F or G course)			
Can be same prefix as major or repeat prefix used above			
MUSIC 321 History of Music WL (Counts as elective) 3			
Companion Elements			
2, 3 or 4 associated with the Essential Studies letter category			
1			
2			
D3 MUSIC 321 History of Music WL (Counts as elective)			
G4 PSYCH 155 General Psychology			

Pathway Criteria:

- 1) Essential Studies must be different prefix from student's major and prefix cannot be duplicated unless a co-requisite
- 2) Must have 15 hours combined D&E courses
- 3) Need to complete at least one each of the 1, 2, 3, and 4 companion elements (number after letter in D-G codes)
- 4) *Elective course prefix may be repeated & be prefix of major*

Writing to Learn for BME:

- WL1 MUSIC 321 History of Music WL**
WL 2 EDUC 261 Explorations in Education WL