

# PROFESSIONAL HEALTH SCIENCES (BS)

## Degree Requirements

Code	Title	Hours
<b>General Education Requirements</b>		
Select General Education Requirements (p. 1)		62-66
<b>Major Requirements</b>		
<i>Professional Health Sciences</i>		
A. Complete the following:		
PRH 310	Intro into Health Care Mgmt	3
PRH 320	Legal/Law in Health Care Admin	3
PRH 340	Disaster Mgt & Event Planning	3
PRH 401	Seminar in Health Professions	3
PRH 440	Health Insurance/Managed Care	3
PRH 460	Issues & Trends in Health Care	3
B. Complete the following:		
CA 275	Decision Making - Small Groups	3
EH 372	Technical Writing - W	3
FIN 300	Personal Finance	3
IST 450	The Job Campaign	3
MGT 300	Management Theory and Practice	3
C. Select 15-18 hours of General Electives or an Approved Minor		15-18
<i>Healthcare Management Concentration</i>		
A. Complete the following:		
MGT 306	Organizational Comm Non Bus	3
MGT 341	Organizational Behavior	3
MGT 351	Human Resource Management	3
MKT 320	Principles of Marketing	3
<i>Healthcare Informatics Concentration</i>		
A. Complete the following:		
HI 300	Health Info Clinical Environme	3
HI 410	Health Informatics	3
HI 450	Health Data Secur/Compliance	3
HI 455	Hlth Data Mgt & Decision Supp	3
<b>Minor Requirements</b>		
A minor is not required for this degree program		0
<b>Total Hours</b>		<b>134-141</b>

## General Education Requirements

Code	Title	Hours
<b>Area I - Written Composition</b>		
A. Complete the following:		
EH 101	English Composition I	3
B. Complete the following:		
EH 102	English Composition II	3
<b>Area II - Humanities &amp; Fine Arts</b>		
A. Complete the following:		
CA 110	Public Speaking	3
B. Select one of the following: see footnote table below (p. 3) <sup>1</sup>		3
EH 215	Brit Lit before 1785	

EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
C. Select one of the following:		3
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARS 101	Art Appreciation	
DRA 110	Introduction to Theatre	
MUL 101	Introduction to Music	
D. Select three hours from the following:		3
AFR 101	Intro to African Amer Studies	
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARH 203	Survey of Non-Western Art	
ARS 101	Art Appreciation	
CLA 110	Intro Anc Greek Roman Culture	
DRA 110	Introduction to Theatre	
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
LG 101	Introductory Latin I	
LG 102	Introductory Latin II	
LG 111	Introductory French I	
LG 112	Introductory French II	
LG 121	Introductory Chinese I	
LG 122	Introductory Chinese II	
LG 131	Introductory Spanish I	
LG 132	Introductory Spanish II	
LG 141	Intro Classical Greek I	
LG 142	Intro Classical Greek II	
LG 151	Introductory German I	
LG 152	Introductory German II	
LG 153	Accelerated Intro German	
LG 171	Introductory Russian I	
LG 172	Introductory Russian II	
LG 173	Accelerated Intro Russian	
LG 201	Intermediate Latin I	
LG 202	Intermediate Latin II	
LG 211	Intermediate French I	
LG 212	Intermediate French II	
LG 213	Accelerated Inter French - H	
LG 221	Intermediate Chinese I	
LG 222	Intermediate Chinese II	
LG 231	Intermediate Spanish I	
LG 232	Intermediate Spanish II	

LG 234	Inter Spanish Accel -H
LG 241	Interm Classical Greek I
LG 242	Interm Classical Greek II
LG 251	Intermediate German I
LG 252	Intermediate German II
LG 271	Intermediate Russian I
LG 272	Intermediate Russian II
LG 273	Intensive Second Year Russian
LGS 101	Introductory Japanese I
LGS 102	Introductory Japanese II
LGS 106	Introductory Arabic I
LGS 107	Introductory Arabic II
LGS 110	Intro American Sign Language I
LGS 111	Intro American Sign Lang II
LGS 171	Introductory Korean I
LGS 172	Introductory Korean II
LGS 201	Intermediate Japanese I
LGS 202	Intermediate Japanese II
LGS 206	Intermediate Arabic I
LGS 207	Intermediate Arabic II
LGS 210	Intermediate ASL I
LGS 211	Intermediate ASL II
MUL 101	Introduction to Music
PHL 110	Introduction to Philosophy
PHL 120	Critical Thinking
PHL 121	Introduction to Logic
PHL 131	Introduction to Ethics
PHL 231	Social Ethics
PHL 240	Western Philosophy: Classical
REL 100	Intro to the Study of Religion
REL 200	Old Testament/Hebrew Bible
REL 201	Survey of the New Testament

**Area III – Natural Sciences & Mathematics**

A. Select 3-4 hours from the following: 3-4

MA 112	Precalculus Algebra
MA 113	Precalculus Trigonometry
MA 115	Precal Algebra-Trigonometry
MA 120	Calculus and Its Applications
MA 125	Calculus I
MA 126	Calculus II
MA 227	Calculus III
MA 237	Linear Algebra I
MA 238	Differential Equations I

B. Select one of the following:

BLY 101 & 101L	Life Science I and Life Science I Laboratory	4
or BLY 121 & 121L	General Biology I and General Biology I Lab	

C. Select one of the following: 4

BLY 102 & 102L	Life Science II and Life Science II Lab
or BLY 122 & 122L	General Biology II and General Biology II Laboratory

CH 101 & 101L	Survey of Inorg and Org Chem and Survey Inorg-Org Chem Lab
CH 131 & 131L	General Chemistry I and General Chemistry I Lab
CH 132 & 132L	General Chemistry II and General Chemistry II Lab
GEO 101 & 101L	Environmental Geography and Environmental Geography Lab
GEO 102 & 102L	Earth and the Environment and Earth and the Environment Lab
GY 111 & 111L	Physical Geology and Physical Geology Lab
GY 112 & 112L	Earth History and Earth History Lab
PH 101 & 101L	Introduction to Astronomy and Introduction to Astronomy Lab
PH 104 & 104L	Concepts of Physics and Concepts of Physics Laboratory
PH 114 & 114L	Physics with Algebra-Trig I and Alg-Trig Based Physics I Lab
PH 115 & 115L	Physics with Algebra -Trig II and Alg-Trig Based Physics II Lab
PH 201 & 201L	Calculus-Based Physics I and Calculus-Based Physics I Lab
PH 202 & 202L	Calculus-Based Physics II and Calculus-Based Physics II Lab

**Area IV – History, Social & Behavioral Sciences see footnote table below (p. 3) <sup>1</sup>**

A. Select one of the following: 3

HY 101	HY of Western Civilization I
HY 102	HY of Western Civilization II
HY 135	US History to 1877
HY 136	US History since 1877

B. Complete the following:

SY 109	Introductory Sociology	3
or SY 112	Social Problems	

C. Complete the following:

PSY 120	Introduction to Psychology	3
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D. Select one of the following: 3

AN 100	Intro to Cultural Anthropology
AN 101	Intro Archaeology-Bio Anthro
CA 100	Intro to Communication
CA 211	Interpersonal Comm
CJ 105	Introduction to Criminal Justice
ECO 215	Prin of Microeconomics
ECO 216	Prin of Macroeconomics
GEO 114	People, Places, Environment
GEO 115	World Regional Geography
GS 101	Intro to Gender Studies
HY 101	HY of Western Civilization I
HY 102	HY of Western Civilization II
HY 135	US History to 1877
HY 136	US History since 1877
IS 100	Global Issues

IST 201	Seasons of Life	
NAS 101	Intro Native American Studies	
PSC 130	Intro to US Government	
PSY 250	Life Span Development	
<b>Area V</b>		
A. Complete the following:		
BMD 110	Introduction to A & P I	4
or BMD 251	Human Anatomy & Physiology I	
B. Complete the following:		
BMD 111	Introduction to A & P II	4
or BMD 252	Human Anatomy & Physiology II	
C. Complete the following:		
BLY 213	Microbiology	3
or BMD 210	Microbiology in Healthcare	
D. Complete the following:		
EMS 104	First Aid/CPR	1
E. Complete the following:		
EMS 110	Emergency Medical Responder (or Lab Science Elective - 4)	3
F. Complete the following:		
ST 210	Stat Reason and Application	3
or ST 305	Applied Stat Health Sciences	
G. Complete the following:		
EMS 210	Medical Terminology	3
H. Complete the following:		
CIS 150	Intro to Computer Applications (pass computer proficiency exam)	0-3
<b>Total Hours</b>		<b>62-66</b>

### Footnote

<sup>1</sup> Students must complete a 6 credit hour sequence either in literature (Area II – EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV – HY 101 & HY 102 or HY 135 & HY 136).

All undergraduates must complete at least two designated writing credit (W) courses, both of which are already required in the major.

## Graduation Plan

(122 Total Hours)

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
EH 101	English Composition I	3
MA 112	Precalculus Algebra	3
BLY 101	Life Science I	4
& 101L	or General Biology I <b>and</b> General Biology I Lab	
	or BLY 121 <b>and</b> BLY 121L	
Fine Arts Elective		3
CIS 150	Intro to Computer Applications	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
EH 102	English Composition II	3
CA 110	Public Speaking	3
SY 109	Introductory Sociology	3

2nd Lab Science Elective		4
History Elective		3
<b>Hours</b>		<b>16</b>
<b>Second Year</b>		
<b>Fall</b>		
BMD 110	Introduction to A & P I	4
or BMD 251	or Human Anatomy & Physiology I	
PRH 401	Seminar in Health Professions	3
2nd History or Social Science Elective		3
PSY 120	Introduction to Psychology	3
<b>Hours</b>		<b>13</b>
<b>Spring</b>		
BMD 111	Introduction to A & P II	4
or BMD 252	or Human Anatomy & Physiology II	
PRH 310	Intro into Health Care Mgmt	3
2nd literature or Humanities Electives		3
EMS 110	Emergency Medical Responder	3
EMS 210	Medical Terminology	3
<b>Hours</b>		<b>16</b>
<b>Third Year</b>		
<b>Fall</b>		
BLY 213	Microbiology (or BMD Infectious Disease in Healthcare)	3
PRH 460	Issues & Trends in Health Care	3
MGT 300	Management Theory and Practice	3
PRH 440	Health Insurance/Managed Care	3
EMS 104	First Aid/CPR	1
PRH 320	Legal/Law in Health Care Admin	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ST 210	Stat Reason and Application	3
CA 275	Decision Making - Small Groups	3
PRH 340	Disaster Mgt & Event Planning	3
MGT 306	Organizational Comm Non Bus	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Fall</b>		
EH 372	Technical Writing - W <sup>1</sup>	3
FIN 300	Personal Finance	3
MGT 351	Human Resource Management	3
MKT 320	Principles of Marketing	3
General Elective		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
IST 450	The Job Campaign	3
MGT 341	Organizational Behavior	3
General Elective		3
General Elective		3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>119</b>

<sup>1</sup> A minimum of two Intensive Writing (W) courses are required.

### Notes

A two-course sequence is required in Literature or History: EH 215 & EH 216; EH 225 & EH 226; EH 235 & EH 236 or HY 101 & HY 102; HY 135 & HY 136.