



Health Science – Physician Assistant Studies Concentration

Bachelor of Applied Science | Code: P9210 | 130 credits

CIP (1105100002)

Effective Term: Fall 2024 (2247)

The Bachelor of Applied Science in Health Science - Physician Assistant Studies Concentration is designed to address the critical shortage of healthcare professionals by providing graduates a continuance of technical, supervisory, and management skills necessary to meet workforce needs and labor market projections. Students will be provided with opportunities to develop discipline-specific medical skills and to expand their knowledge by participating in structured clinical experiences under the supervision of Physician Assistants and physicians.

I. GENERAL EDUCATION REQUIREMENTS – 36 CREDITS REQUIRED

Communications – 6 Credits Required

ENC 1101	English Composition 1	3	
ENC 1102	English Composition 2	3	Pre-Req: ENC 1101

Oral Communication – 3 Credits Required

Select 3 Credits from the following

ENC 2300	Advanced Composition & Communication	3	Pre-Req: ENC 1101, 1102
LIT 2480	Issues in Literature & Culture	3	Pre-Req: ENC 1102
SPC 1017	Fundamentals of Speech Communications	3	
SPC 2608	Introduction to Public Speaking	3	

Humanities – 6 Credits Required

Group A – Select 3 Credits from the following (State Core):

ARH 1000	Art Appreciation	3	
HUM 1020	Humanities	3	
LIT 2000	Introduction to Literature	3	
MUL 1010	Music Appreciation	3	
PHI 2010	Introduction to Philosophy	3	
THE 2000	Theater Appreciation	3	
AND			

Group B – Select 3 Credits from the following (MDC Core):

ARC 2701	History of Architecture 1	3	
ARC 2702	History of Architecture 2	3	
ARH 1000	Art Appreciation	3	
ARH 2050	Art History 1	3	Pre-Req: ARH 2050
ARH 2051	Art History 2	3	
ARH 2740	Cinema Appreciation	3	
DAN 2100	Dance Appreciation	3	
DAN 2130	Dance History 1	3	
HUM 1020	Humanities	3	
IND 1100	History of Interiors 1	3	
IND 1130	History of Interiors 2	3	
LIT 2000	Introduction to Literature	3	
LIT 2120	A Survey of World Literature	3	Pre-Req: ENC 1101 or ENC 1102 or Equivalent
MUH 2111	Survey of Music History 1	3	
MUH 2112	Survey of Music History 2	3	Pre-Req: MUH 2112
MUL 1010	Music Appreciation	3	
MUL 2380	Jazz and Popular Music in America	3	
PHI 2010	Introduction to Philosophy	3	
PHI 2600	Introduction to Ethics	3	
THE 2000	Theater Appreciation	3	

BEHAVIORAL/SOCIAL SCIENCE - (6.00 credits)

Must take 3.0 credits from the following group.

AMH 2010	History of the US to 1877	3
AMH 2020	History of the US Since 1877	3
ANT 2000	Introduction to Anthropology	3
ECO 2013	Principles of Economics (Macro)	3
POS 2041	American Federal Government	3
PSY 2012	Introduction to Psychology	3

--- And ---

Must take 3.0 credits from the following group.

AMH 2010	History of the US to 1877	3
AMH 2020	History of the US Since 1877	3
ANT 2000	Introduction to Anthropology	3
ANT 2410	Introduction to Cultural Anthropology	3
CLP 1006	Psychology of Personal Effectiveness	3
DEP 2000	Human Growth and Development	3
ECO 2013	Principles of Economics (Macro)	3
ISS 1120	The Social Environment	3
ISS 1161	The Individual in Society	3
POS 2041	American Federal Government	3
PSY 2012	Introduction to Psychology	3
SYG 2000	Introduction to Sociology	3
WOH 2012	History of World Civilization to 1789	3
WOH 2022	History of World Civilization From 1789	3

NATURAL SCIENCE - STATE CORE (3.00 credits)

BSC 2085	Human Anatomy and Physiology 1	3
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The following course(s) are not allowed for credit in this area: All Labs

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CHM 1045	General Chemistry and Qualitative Analysis	3
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The following course(s) are not allowed for credit in this area: All Labs

IF A LIFE SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A PHYSICAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE. IF A PHYSICAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A LIFE SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE.

STUDENTS IN THE HEALTH SCIENCES ARE RECOMMENDED TO COMPLETE CHM 1033/1033L PRIOR TO REGISTERING FOR BSC 2085/2085L.

STUDENTS IN THE BIOTECHNOLOGY PATHWAY MUST TAKE BSC 2426/2426L PRIOR TO ADMISSION TO THE BS IN BIOLOGICAL SCIENCES DEGREE.

7. NATURAL SCIENCE - MDC CORE (3.00 credits)

BSC 2085	Human Anatomy and Physiology 1	3
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The following course(s) are not allowed for credit in this area: All Labs

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CHM 1045	General Chemistry & Qualitative Analysis	3
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The following course(s) are not allowed for credit in this area: All Labs

IF A LIFE SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A PHYSICAL SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE. IF A PHYSICAL SCIENCE COURSE IS SELECTED FROM THE STATE CORE, THEN A LIFE SCIENCE COURSE MUST BE SELECTED FROM THE MDC CORE.

STUDENTS IN THE HEALTH SCIENCES ARE RECOMMENDED TO COMPLETE CHM 1033/1033L PRIOR TO REGISTERING FOR BSC 2085/2085L.

STUDENTS IN THE BIOTECHNOLOGY PATHWAY MUST TAKE BSC 2426/2426L PRIOR TO ADMISSION TO THE BS IN BIOLOGICAL SCIENCES DEGREE.

8. MATHEMATICS (6.00 credits)

Gordon rule assigned

MAC 1105	College Algebra	3
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STA 2023	Statistical Methods	3
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9. GENERAL EDUCATION ELECTIVE (3.00 credits)

BSC 2085L	Human Anatomy and Physiology 1 Laboratory	1
CHM 1045L	General Chemistry & Qualitative Analysis Laboratory	2

COMPUTER COMPETENCY REQUIREMENT

Test type(s) needed:

Computer Skills Placement (CSP)

Or

CGS 1060C - Introduction to Computer Technology & Applications

BY THE 16TH EARNED COLLEGE-LEVEL CREDIT (EXCLUDING EAP, ENS, ESL, AND DEVELOPMENTAL EDUCATION COURSES), A STUDENT MUST HAVE ATTEMPTED CGS 1060, AN EQUIVALENT COLLEGE CREDIT COURSE, CTS 0050, OR THE CSP.

OR

BY THE 31ST EARNED COLLEGE-LEVEL CREDIT (EXCLUDING EAP, ENS, ESL, AND DEVELOPMENTAL EDUCATION COURSES), A STUDENT MUST HAVE DEMONSTRATED COMPUTER COMPETENCY BY PASSING CGS 1060, AN EQUIVALENT COLLEGE CREDIT COURSE, CTS 0050, OR THE CSP.

FOREIGN LANGUAGE COMPETENCY

ASL 1150C - American Sign Language 2	4
CHI 1121 - Elementary Mandarin Chinese 2	4
FRE 1121 - Elementary French 2	4
GER 1121 - Elementary German 2	4
ITA 1121 - Elementary Italian 2	4
JPN 1121 - Elementary Japanese 2	4
POR 1121 - Elementary Portuguese 2	4
RUS 1121 - Elementary Russian 2	4
SPN 1121 - Elementary Spanish 2	4

II. LOWER DIVISION SCIENCE REQUIREMENTS - 14 CREDITS REQUIRED

BSC2086 - Human Anatomy & Physiology 2	3
BSC 2086L - Human Anatomy & Physiology 2 Lab	1
CHM 1046 - General Chemistry and Qualitative Analysis	3
CHM 1046L - General Chemistry & Qualitative Analysis Lab	2
MCB 2010 - Microbiology	3
MCB 2010L - Microbiology Laboratory	2

III. LOWER DIVISION PROGRAM CORE REQUIREMENTS - 22 CREDITS REQUIRED

HSA 2532 - Medical Documentation in Health Care	1	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1800C - Physical Diagnosis I	2	Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L
PAS 1801C - Physical Diagnosis II	2	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1803 - Clinical Anatomy & Physiology	2	Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L
PAS 1811C - Clinical Medicine I for Physician Assistants	5	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1812 - Behavioral & Community Medicine	1	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1813 - Pathophysiological Basis of Disease I	2	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1822L - Electrocardiography	1	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1823 - Pharmacology I	4	Pre-Req PAS 1800C, 1803, 1831, 2936
PAS 1831 - Clinical Diagnostic Imaging	1	Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L
PAS 2936 - Contemporary Issues for Physician Assistants	1	Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L

IV. UPPER DIVISION CORE REQUIREMENTS - 36 CREDITS REQUIRED

DEH 2801L - Interprofessional Practice & Education Laboratory

HSC 3202 - Introduction to Public Health		Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831
HSA 3533 - Medical Documentation in Health Care II		Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831
HSC 4942C – Community Service Practicum	3	Pre-Req PAS 3019, 3042C, 3070, 3140, 203C
PAS 1820C - Clinical Medicine II for Physician Assistants	5	Pre-Req HSA 2532, PAS 1800C, 1801, 1811, 1812, 1813, 1822C, 1823, 1831
PAS 1824 - Pathophysiological Basis of Disease II	2	Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831
PAS 3038C - Physical Diagnosis III	2	Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831
PAS 3203C - Surgical Problems & Procedures	5	Pre-Req PAS 1821, 1824, 3038C, 3075
PAS 3075 - Pharmacotherapeutics	4	Pre-Req HSA 2532, PAS 1800C, 1801, 1811, 1812, 1813, 1822C, 1823, 1831
PAS 3019 - Pathophysiological Basis of Disease III	2	Pre-Req PAS 1821, 1824, 3038C, 3075
PAS 3140 - Genetics	2	Pre-Req PAS 1821, 1824, 3038C, 3075
PAS 3042C - Clinical Medicine III for Physician Assistants	5	Pre-Req PAS 1821, 1824, 3038C, 3075
PAS 3070 - Clinical Pharmacotherapeutics	3	Pre-Req PAS 1821, 1824, 3038C, 3075

V. CLINICAL ROTATIONS - 22 CREDITS REQUIRED

PAS 4191 - Internal Medicine	4	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4290 - Surgery Clerkship	2	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4391 - Pediatrics Clerkship	4	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4493 - Family Medicine Clerkship	4	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4590 - OB/GYN Clerkship	2	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4690 - Emergency Medicine Clerkship	2	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4943 - Selective Clerkship	2	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C
PAS 4940 - Psychiatry Clerkship	2	Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C

Note: Course may be subject to change.