



## HEALTH SCIENCE – PHYSICIAN ASSISTANT STUDIES CONCENTRATION

Bachelor of Applied Science | Code: P9210 | 130 credits

C.I.P. (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

#### **1. COMMUNICATIONS (6.00 credits)**

*Gordon rule assigned*

|                                  |             |
|----------------------------------|-------------|
| ENC 1101 - English Composition 1 | (3 credits) |
| ENC 1102 - English Composition 2 | (3 credits) |

#### **2. ORAL COMMUNICATIONS - MDC CORE (3.00 credits)**

*Gordon rule assigned*

|   |             |
|---|-------------|
| ENC 2300 - Advanced Composition and Communication | (3 credits) |
| LIT 2480 - Issues in Literature & Culture         | (3 credits) |
| SPC 1017 - Fundamentals of Speech Communication   | (3 credits) |
| SPC 2608 - Introduction to Public Speaking        | (3 credits) |

#### **3. HUMANITIES (6.00 credits)**

*Gordon rule assigned. SELECT AT LEAST ONE GORDON RULE WRITING (GW) COURSE.*

*Must take 3.0 credits from the following group.*

|                                       |             |
|---------------------------------------|-------------|
| ARH 1000 - Art Appreciation           | (3 credits) |
| HUM 1020 - Humanities                 | (3 credits) |
| LIT 2000 - Introduction to Literature | (3 credits) |
| MUL 1010 - Music Appreciation         | (3 credits) |
| PHI 2010 - Introduction to Philosophy | (3 credits) |
| THE 2000 - Theatre Appreciation       | (3 credits) |

**--- And ---**

*Must take 3.0 credits from the following group.*

|  |             |
|--|-------------|
| ARC 2701 - History of Architecture 1         | (3 credits) |
| ARC 2702 - History of Architecture 2         | (3 credits) |
| ARH 1000 - Art Appreciation                  | (3 credits) |
| ARH 2050 - Art History 1                     | (3 credits) |
| ARH 2051 - Art History 2                     | (3 credits) |
| ARH 2740 - Cinema Appreciation               | (3 credits) |
| DAN 2100 - Dance Appreciation                | (3 credits) |
| DAN 2130 - Dance History 1                   | (3 credits) |
| HUM 1020 - Humanities                        | (3 credits) |
| IND 1100 - History of Interiors 1            | (3 credits) |
| IND 1130 - History of Interiors 2            | (3 credits) |
| LIT 2000 - Introduction to Literature        | (3 credits) |
| LIT 2120 - A Survey of World Literature 2    | (3 credits) |
| MUH 2111 - Survey of Music History 1         | (3 credits) |
| MUH 2112 - Survey of Music History 2         | (3 credits) |
| MUL 1010 - Music Appreciation                | (3 credits) |
| MUL 2380 - Jazz and Popular Music in America | (3 credits) |
| PHI 2010 - Introduction to Philosophy        | (3 credits) |
| PHI 2604 - Critical Thinking/Ethics          | (3 credits) |
| THE 2000 - Theatre Appreciation              | (3 credits) |

#### **4. BEHAVIORAL/SOCIAL SCIENCE - SC (3.00 credits)**

*Gordon rule assigned*

*Must take 3.0 credits from the following group.*

|   |             |
|---|-------------|
| ANT 2000 - Introduction to Anthropology | (3 credits) |
|---|-------------|

PSY 2012 - Introduction to Psychology (3 credits)  
SYG 2000 - Introduction to Sociology (3 credits)

--- Or ---

Must take 3.0 credits from the following group.

AMH 2020 - History of the US since 1877 (3 credits)  
ECO 2013 - Principles of Economics (Macro) (3 credits)  
POS 2041 - American Federal Government (3 credits)

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

### 5. BEHAVIORAL/SOCIAL SCIENCE - MC (3.00 credits)

Gordon rule assigned

Must take 3.0 credits from the following group.

ANT 2000 - Introduction to Anthropology (3 credits)  
ANT 2410 - Introduction to Cultural Anthropology (3 credits)  
CLP 1006 - Psychology of Personal Effectiveness (3 credits)  
DEP 2000 - Human Growth and Development (3 credits)  
ISS 1161 - The Individual in Society (3 credits)  
PSY 2012 - Introduction to Psychology (3 credits)  
SYG 2000 - Introduction to Sociology (3 credits)

--- Or ---

Must take 3.0 credits from the following group.

AMH 2010 - History of the US to 1877 (3 credits)  
AMH 2020 - History of the US since 1877 (3 credits)  
ECO 2013 - Principles of Economics (Macro) (3 credits)  
ISS 1120 - The Social Environment (3 credits)  
POS 2041 - American Federal Government (3 credits)  
WOH 2012 - History of World Civilization to 1789 (3 credits)  
WOH 2022 - History of World Civilization from 1789 (3 credits)

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

### 6. NATURAL SCIENCE - STATE CORE (3.00 credits)

BSC 2085 - Human Anatomy and Physiology 1 (3 credits)

The following course(s) are not allowed for credit in this area: All Labs

--- Or ---

CHM 1045 - General Chemistry and Qualitative Analysis (3 credits)

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.

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

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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 credits)

The following course(s) are not allowed for credit in this area: All Labs

--- Or ---

CHM 1045 - General Chemistry & Qualitative Analysis (3 credits)

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.

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

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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 credits)

--- And ---

STA 2023 - Statistical Methods (3 credits)

### 9. GENERAL EDUCATION ELECTIVE (3.00 credits)

BSC 2085L - Human Anatomy and Physiology 1 Laboratory (1 credits)

CHM 1045L - General Chemistry & Qualitative Analysis Laboratory (2 credits)

### **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 credits) |
| CHI 1121 - Elementary Mandarin Chinese 2 | (4 credits) |
| FRE 1121 - Elementary French 2           | (4 credits) |
| GER 1121 - Elementary German 2           | (4 credits) |
| ITA 1121 - Elementary Italian 2          | (4 credits) |
| JPN 1121 - Elementary Japanese 2         | (4 credits) |
| POR 1121 - Elementary Portuguese 2       | (4 credits) |
| RUS 1121 - Elementary Russian 2          | (4 credits) |
| SPN 1121 - Elementary Spanish 2          | (4 credits) |

### **II. LOWER DIVISION SCIENCE REQUIREMENTS - 14 CREDITS REQUIRED**

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

### **III. LOWER DIVISION PROGRAM CORE REQUIREMENTS - 22 CREDITS REQUIRED**

|  |             |   |
|--|-------------|---|
| HSA 2532 - Medical Documentation in Health Care          | (1 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1800C - Physical Diagnosis I                         | (2 credits) | Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L |
| PAS 1801C - Physical Diagnosis II                        | (2 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1803 - Clinical Anatomy & Physiology                 | (2 credits) | Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L |
| PAS 1811C - Clinical Medicine I for Physician Assistants | (5 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1812 - Behavioral & Community Medicine               | (1 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1813 - Pathophysiological Basis of Disease I         | (2 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1822L - Electrocardiography                          | (1 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1823 - Pharmacology I                                | (4 credits) | Pre-Req PAS 1800C, 1803, 1831, 2936   |
| PAS 1831 - Clinical Diagnostic Imaging                   | (1 credits) | Pre-Req BSC 2085, 2085L, 2086, 2086L, CHM 1045, 1045L, 1046, 1046L, MCB 2010, 2010L |
| PAS 2936 - Contemporary Issues for Physician Assistants  | (1 credits) | 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 | (1 credit)  |  |
| HSC 3202 - Introduction to Public Health                      | (1 credit)  | Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831 |
| HSA 3533 - Medical Documentation in Health Care II            | (1 credit)  | Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831 |
| HSC 4942C – Community Service Practicum                       | (3 credits) | Pre-Req PAS 3019, 3042C, 3070, 3140, 3203C                               |
| PAS 1820C - Clinical Medicine II for Physician Assistants     | (5 credits) | Pre-Req HSA 2532, PAS 1800C, 1801, 1811, 1812, 1813, 1822C, 1823, 1831   |
| PAS 1824 - Pathophysiological Basis of Disease II             | (2 credits) | Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831 |
| PAS 3038C - Physical Diagnosis III                            | (2 credits) | Pre-Req HSA 2532, PAS 1800C, 1801C, 1811C, 1812, 1813, 1822C, 1823, 1831 |
| PAS 3203C - Surgical Problems & Procedures                    | (5 credits) | Pre-Req PAS 1821, 1824, 3038C, 3075                                      |
| PAS 3075 - Pharmacotherapeutics                               | (4 credits) | Pre-Req HSA 2532, PAS 1800C, 1801, 1811, 1812, 1813, 1822C, 1823, 1831   |
| PAS 3019 - Pathophysiological Basis of Disease III            | (2 credits) | Pre-Req PAS 1821, 1824, 3038C, 3075                                      |
| PAS 3140 - Genetics   | (2 credits) | Pre-Req PAS 1821, 1824, 3038C, 3075                                      |
| PAS 3042C - Clinical Medicine III for Physician Assistants    | (5 credits) | Pre-Req PAS 1821, 1824, 3038C, 3075                                      |
| PAS 3070 - Clinical Pharmacotherapeutics                      | (3 credits) | Pre-Req PAS 1821, 1824, 3038C, 3075                                      |

**V. CLINICAL ROTATIONS - 22 CREDITS REQUIRED**

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

**Note: Course may be subject to change.**