## PHYSICIAN ASSISTANT STUDIES (PAS)

### Graduate Studies

**PAS 243A — Professional Practice in Healthcare 1 (2 units)**

*Course Description:* Role of the Physician Assistant in the context of healthcare system. Physician Assistant topics in practice of healthcare delivery within interprofessional team.

*Learning Activities:* Lecture/Discussion 2 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 250 — Foundations of Primary Health Care (8 units)**

*Course Description:* Foundational primary health care concepts essential to the care of common medical and surgical conditions. Foundational content in anatomy, physiology, pathophysiology and clinical reasoning organized by organ system.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Lecture/Discussion 8 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 251A — Primary Health Care (8 units)**

*Course Description:* Introduction to primary health care concepts essential to the care of common medical and surgical conditions. Various organ systems and specialty areas each quarter: Ophthalmology, Pulmonology, Renal, Genitourinary and Hematology/Oncology.

*Prerequisite(s):* PAS 250 C or better; PAS 270 C or better; PAS 400 C or better; consent of instructor.

*Learning Activities:* Lecture/Discussion 8 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 251B — Primary Health Care (8 units)**

*Course Description:* Introduction to primary health care concepts essential to the care of common medical and surgical conditions. Various organ systems and specialty areas each quarter: Cardiology, Ophthalmology, GI and Endocrinology.

*Prerequisite(s):* PAS 251A C or better; PAS 260 C or better; PAS 271A C or better; PAS 410A C or better; consent of Instructor.

*Learning Activities:* Lecture/Discussion 8 hour(s).

*Enrollment Restriction(s):* Open to graduate students in School of Nursing programs, or consent of instructor.

*Grade Mode:* Letter.

**PAS 251C — Primary Health Care (7 units)**

*Course Description:* Introduction to primary health care concepts essential to the care of common medical and surgical conditions. Various organ systems and specialty areas each quarter: Musculoskeletal medicine, Rheumatology, Neurology and Psychiatry.

*Prerequisite(s):* PAS 251B C or better; PAS 271B C or better; PAS 410B C or better; consent of instructor.

*Learning Activities:* Lecture/Discussion 7 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 251D — Gender and Transgender Health (4 units)**

*Course Description:* Health care concepts specific and essential to the care of men, women, and transgender populations. Unique aspects of preventive care and treatment of conditions specific to these populations.

*Prerequisite(s):* PAS 251B C or better; PAS 271B C or better; PAS 410B C or better; consent of instructor.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 251E — Surgery & Emergency Medicine (4 units)**

*Course Description:* Concepts essential to the care of common urgent and emergent medical conditions, as well as chronic, urgent, and emergent surgical conditions. Epidemiology, presentation, evaluation and management of these conditions.

*Prerequisite(s):* PAS 251D C or better; PAS 251C C or better; PAS 271C C or better; PAS 410C C or better; consent of instructor.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 251F — Pediatrics & Gerontology (Special Populations) (4 units)**

*Course Description:* Health care concepts essential to care of special populations at earliest and latest stages of life. Unique aspects of both pediatric and geriatric patients.

*Prerequisite(s):* PAS 410C C or better; PAS 251C C or better; PAS 271C C or better; consent of instructor.

*Learning Activities:* Lecture/Discussion 4 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.

**PAS 260 — Foundations of Behavioral Health (2 units)**

*Course Description:* Spectrum of normal psychological development over the lifespan for children, adults and elders. Theories of stress and coping mechanism as a framework for the assessment of individuals.

*Learning Activities:* Lecture/Discussion 2 hour(s).

*Enrollment Restriction(s):* Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.

*Grade Mode:* Letter.
PAS 270 — Foundations of Pharmacology (3 units)
Course Description: Introduction to major concepts in foundational pharmacology including pharmacokinetics, pharmacodynamics, pharmacogenetics, and other molecular mechanisms of health and disease.
Learning Activities: Lecture/Discussion 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Grade Mode: Letter.

PAS 271A — Advanced Pharmacology (2 units)
Course Description: Pharmacology series aligned with pathophysiology and physical exam skills courses. Variable content each quarter. Different organ systems and specialty areas across the lifespan.
Prerequisite(s): PAS 270 C or better; PAS 250 C or better; PAS 400 C or better; consent of instructor.
Learning Activities: Lecture/Discussion 2 hour(s).
Enrollment Restriction(s): Open to Nursing Science & Health-Care Leadership graduate students; or consent of instructor.
Grade Mode: Letter.

PAS 271B — Advanced Pharmacology (2 units)
Course Description: Pharmacology series aligned with pathophysiology and physical exam skills courses. Variable content each quarter. Different organ systems and specialty areas across the lifespan.
Prerequisite(s): PAS 271A C or better; PAS 251A C or better; PAS 410A C or better; or consent of instructor.
Learning Activities: Lecture/Discussion 2 hour(s).
Enrollment Restriction(s): Open to graduate students in School of Nursing programs, or consent of instructor.
Grade Mode: Letter.

PAS 271C — Advanced Pharmacology (2 units)
Course Description: Pharmacology series aligned with pathophysiology and physical exam skills courses. Variable content each quarter. Different organ systems and specialty areas across the lifespan.
Prerequisite(s): PAS 271B C or better; PAS 251B C or better; PAS 410B C or better; consent of instructor.
Learning Activities: Lecture/Discussion.
Enrollment Restriction(s): Open to students enrolled in Nursing Science & Health-Care Leadership graduate program; or consent of instructor.
Grade Mode: Letter.

PAS 299 — Research & Writing (1-4 units)
Course Description: Nursing Science and Health-Care Leadership graduate program students conduct research and writing under the supervision of a faculty member.
Prerequisite(s): Consent of instructor.
Learning Activities: Extensive Writing/Discussion 3-12 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Repeat Credit: May be repeated in different quarters, depending on the length of their program of study to complete their Master's Degree.
Grade Mode: Satisfactory/Unsatisfactory only.

PAS 400 — Basic Clinical Skills (5 units)
Course Description: Fundamental clinical skills for patient care. Principles of effective communication in establishing the therapeutic provider-patient relationship.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 5 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Grade Mode: Letter.

PAS 401 — Basic Clinical Skills (1-4 units)
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Discussion 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410A — Advanced Clinical Skills (1-4 units)
This version has ended; see updated course, below.
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410A — Advanced Clinical Skills (4 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 400 C or better; PAS 250 C or better; PAS 270 C or better; consent of instructor.
Learning Activities: Lecture/Lab 4 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Grade Mode: Letter.
This course version is effective from, and including: Fall Quarter 2022.
PAS 410B — Advanced Clinical Skills (1-4 units)
This version has ended; see updated course, below.
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related speciality systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410B — Advanced Clinical Skills (3 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 410A C or better; PAS 251A C or better; PAS 271A C or better; consent of instructor.
Learning Activities: Lecture/Lab 3 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

This course version is effective from, and including: Winter Quarter 2023.

PAS 410C — Advanced Clinical Skills (1-4 units)
This version has ended; see updated course, below.
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410C — Advanced Clinical Skills (3 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 410B C or better; PAS 251B C or better; PAS 271B C or better; consent of instructor.
Learning Activities: Lecture/Lab 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Grade Mode: Letter.

This course version is effective from, and including: Spring Quarter 2023.

PAS 410D — Advanced Clinical Skills (1-4 units)
This version has ended; see updated course, below.
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410D — Advanced Clinical Skills (3 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 410C C or better; PAS 251C C or better; PAS 271C C or better; PAS 251D C or better; consent of instructor.
Learning Activities: Lecture/Lab 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Grade Mode: Letter.

This course version is effective from, and including: Summer Quarter 2023.

PAS 410E — Advanced Clinical Skills (1-4 units)
This version has ended; see updated course, below.
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410E — Advanced Clinical Skills (1 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 410D C or better; PAS 251E C or better; PAS 251F C or better; consent of instructor.
Learning Activities: Lecture/Lab 1 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Grade Mode: Letter.

This course version is effective from, and including: Fall Quarter 2023.
PAS 410F — Advanced Clinical Skills (1-4 units)
This version has ended; see updated course, below.
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 410F — Advanced Clinical Skills (1-4 units)
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.
This course version is effective from, and including: Winter Quarter 2023.

PAS 410F — Advanced Clinical Skills (1 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 410E C or better; consent of instructor.
Learning Activities: Lecture/Lab 1 hour(s).
Enrollment Restriction(s): Open to graduate students in School of Nursing programs, or consent of instructor.
Grade Mode: Letter.
This course version is effective from, and including: Winter Quarter 2023.

PAS 410F — Advanced Clinical Skills (1-4 units)
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science & Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.
This course version is effective from, and including: Summer Quarter 2023.

PAS 410G — Advanced Clinical Skills (1-4 units)
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs.
Grade Mode: Letter.

PAS 410G — Advanced Clinical Skills (1 units)
Course Description: History taking and physical examination skills with advanced/specialized content. Organ system focus varies by quarter.
Prerequisite(s): PAS 410F C or better; consent of instructor.
Learning Activities: Lecture/Lab 1 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science & Health-Care Leadership Graduate Degree programs or consent of instructor.
Grade Mode: Letter.
This course version is effective from, and including: Winter Quarter 2023.

PAS 410G — Advanced Clinical Skills (1-4 units)
Course Description: Continuation of focus on history taking and physical examination skills with advanced/specialized content related to specified systems.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture/Lab 1-4 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs.
Grade Mode: Letter.

PAS 410 — Preparation for Clinical Practice (1-3 units)
Course Description: Students are placed in clinical settings and/or clinical simulation laboratories to observe and practice the integration of clinical skills with direct supervision by faculty.
Prerequisite(s): Consent of instructor.
Learning Activities: Clinical Activity 36 hour(s).
Enrollment Restriction(s): Open to Graduate Students in the Nursing Science and Health-Care Leadership Graduate Degree programs, or by consent of instructor.
Grade Mode: Letter.

PAS 440 — Supervised Clinical Practice Experience - Family Medicine (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical rotation under the supervision of an appropriate community-based family medicine provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C+ or better; consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.

PAS 450 — Supervised Clinical Practice Experience - Family Medicine (1-16 units)
Course Description: Five-week clinical rotation under the supervision of an appropriate community-based family medicine provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C+ or better; consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Open to graduate students in School of Nursing programs, or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.
This course version is effective from, and including: Winter Quarter 2023.
PAS 451 — Supervised Clinical Practice Experience - Pediatrics (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical rotation under the supervision of an appropriate community-based pediatric medicine provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.

PAS 452 — Supervised Clinical Practice Experience - Women's Health (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical rotation under the supervision of an appropriate community-based women's health and prenatal care provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Open to graduate students in School of Nursing programs, or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.
This course version is effective from, and including: Winter Quarter 2023.

PAS 453 — Supervised Clinical Practice Experience - Mental Health (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical rotation under the supervision of an appropriate community-based psychiatrist, psychiatric/mental health provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Open to graduate students in School of Nursing programs, or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.

PAS 454 — Supervised Clinical Practice Experience - Emergency Medicine (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical rotation under the supervision of an appropriate emergency medicine provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.
This course version is effective from, and including: Winter Quarter 2023.
PAS 455 — Supervised Clinical Practice Experience - Inpatient Surgery (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical experience under the supervision of an appropriate surgical provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.

This course version is effective from, and including: Winter Quarter 2023.

PAS 455 — Supervised Clinical Practice Experience - Internal Medicine (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week clinical rotation under the supervision of an appropriate internal medicine provider per accreditation requirements.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Open to graduate students in School of Nursing programs, or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.

This course version is effective from, and including: Winter Quarter 2023.

PAS 456 — Supervised Clinical Practice Experience - Other Specialties (1-16 units)
This version has ended; see updated course, below.
Course Description: Five-week selective rotations available to accommodate student interest and/or accommodate a student's clinical deficits identified by the program.
Prerequisite(s): PAS 251E C+ or better; PAS 251F C+ or better; PAS 410D C + or better; or consent of instructor.
Learning Activities: Clinical Activity 3 hour(s).
Enrollment Restriction(s): Current enrollment in the Nursing Science & Health-Care Leadership graduate program or consent of instructor.
Repeat Credit: May be repeated for credit.
Grade Mode: Letter.

This course version is effective from, and including: Winter Quarter 2023.