

University of Colorado Anschutz Medical Campus
Master of Physician Assistant Studies/Pediatrics
2018-2019 Course Book
Class of 2019 and 2020

SUMMER SEMESTER

SECOND YEAR

MPAS 6601 Community Clinic I

2.0 cr.

T. Fernandez, PA-C

Students will learn clinical skills in a variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.

MPAS 6602 Community Clinic II

2.0 cr.

T. Fernandez, PA-C

Students will learn clinical skills in including variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.

MPAS 6671 Guatemala Clinical Immersion Experience I

2.0 cr.

A. Akerman, PA-C

Two-week Spanish language immersion experience followed by a two-week primary care clinic experience in the country of Guatemala.

MPAS 6672 Guatemala Clinical Immersion I for Global Health Track

2.0 cr.

A. Akerman, PA-C

Two-week **Spanish** language immersion experience followed by a two-week clinic experience in the country of Guatemala for fulfillment of Global Health Track requirements. Requisite: Spanish language immersion experience followed by a two-week clinic experience in the country of Guatemala for fulfillment of Global Health Track requirements.

MPAS 6680 Global Health Track Elective Experience I– 2 Weeks

2.0 cr.

A. Akerman, PA-C

Two-week experiential learning opportunity associated with interprofessional track area of interest. Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.

MPAS 6687 LEADS Track Elective Experience

1.0 cr.

J. Bowser, PA-C

Six to eight-week experiential learning opportunity associated with interprofessional LEADS track. Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.

MPAS 6688 Rural Track Elective Immersion Experience

1.0 cr.

J. Nieman, PA-C

One-week experiential learning opportunity associated with interprofessional rural track. Registration is restricted to those students enrolled in authorized track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.

MPAS 6689 Global Health Track Elective Experience II– 4 Weeks

3.0 cr.

A. Akerman, PA-C

Four-week experiential learning opportunity associated with interprofessional track area of interest. Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.

FALL SEMESTER

SECOND YEAR

MPAS 6101 Pharmacology I

2.0 cr.

T. French, Ph.D.

Discussion of the clinical aspects of drug absorption, metabolism, excretion, and the dynamics of drug action.

MPAS 6110 Immunology

1.0 cr.

A. Bernard, Ph.D.

A comprehensive course of basic and some clinical immunology with the stress on the human immune system. Restricted to CHA/PA students.

MPAS 6201 Applied Behavioral Medicine I

2.0 cr.

R. Byrne, PA-C

Discussion of emotional, behavioral, psychosomatic and psychiatric problems commonly encountered by physician assistants in primary care settings. Evaluation, management and appropriate referral will be emphasized.

MPAS 6301 Pediatric Clinical Medicine I	2.5 cr.
R. Maldonado, PA-C	
This course provides knowledge of a variety of medical and surgical problems unique to infancy, childhood, and adolescence that may be encountered in the primary care setting, including pathophysiology, diagnosis and treatment. The pedagogical approach to this course is the application of knowledge to patient cases, and has a large component of interactive clinical case examples and class discussion.	
MPAS 6401 Adult Clinical Medicine I	2.5 cr.
K. Bogart, PA-C	
Discussion of adult medical and surgical conditions, including pathophysiology, diagnosis and treatment.	
MPAS 6511 Emergency Medicine I	2.0 cr.
J. Flaska, PA-C	
Discussion of the principles of assessment and management of medical and surgical emergencies.	
MPAS 6601 Community Clinic I	2.0 cr.
T. Fernandez, PA-C	
Students will learn clinical skills in a variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.	
MPAS 6602 Community Clinic II	2.0 cr.
T. Fernandez, PA-C	
Students will learn clinical skills in including variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.	
MPAS 6603 Community Clinic III	2.0 cr.
T. Fernandez, PA-C	
Students will learn clinical skills in including variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.	
MPAS 6612 Pediatric Critical and Acute Care - 2nd year	2.0 cr.
D. Eckhardt, PA-C	
Students will develop assessment and patient management skills in care of pediatric patients in critical and acute care and inpatient settings. Restricted to CHA/PA students. Students must complete application process and be accepted before enrollment.	
MPAS 6673 Global Track Elective III – 2nd Year	1.0 cr.
A. Akerman, PA-C	
Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.	
MPAS 6675 Rural Track Elective III – 2nd Year	1.0 cr.
J. Nieman, PA-C	
Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.	
MPAS 6677 Urban Underserved Track Elective III – 2nd Year	1.0 cr.
C. Luna-Asturias, LSCW	
Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.	
MPAS 6679 LEADS Track Elective II—2nd year	1.0 cr.
J. Bowser, PA-C	
Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.	
MPAS 6690 Medical Spanish Elective I	1.0 cr.
R. Foster	
This course is offered to those students interested in a Spanish language elective. Students are tested prior to registering for this course to allow proper placement into beginner or intermediate section.	
MPAS 6691 Medical Spanish Elective II	1.0 cr.
R. Foster	
This course is offered to those students that are continuing their training in a medical Spanish language elective. Prerequisite: Restricted to 1st and 2nd year CHA/PA Students who have taken MPAS 6690.	
MPAS 6692 Medical Spanish Elective III	1.0 cr.
R. Foster	
This course is offered to those students that are continuing their training in a medical Spanish language elective. Prerequisite: Restricted to 1st and 2nd year CHA/PA Students who have taken MPAS 6690 and 6691.	
MPAS 6803 Professional and Clinical Practice III	2.0 cr.
J. Sivahop, PA-C	

This core course is designed to continue to explore professional practice issues, facilitate the development of various clinical skills through discussion and simulation, and integrate didactic and clinical coursework. MPAS 5801 and 5802 are pre-requisites.

MPAS 6883 Clinical Cornerstones III

1.0 cr.

D. Eckhardt, PA-C

This course reinforces key concepts of teamwork, leadership and communication when solving clinical scenarios. Clinical practice skills such as SOAPE notes, oral presentation and evidence based clinical decision-making through the use of Simulation are incorporated. Successful completion of MPAS 5881 and 5882 is a pre-requisite.

IPED 6001 Interprofessional Education and Development II

1.0 cr.

SOM Faculty

To improve population health, quality of care, and reduce health care costs through the creation of a patient-centered, collaborative practice-ready workforce with competencies in: quality and safety, values and ethics and teamwork and collaboration in the context of systems and systems-based practice. This is a continuation of IPED 5002.

SPRING SEMESTER

SECOND YEAR

MPAS 6102 Pharmacology II

4.0 cr.

T. French, Ph.D.

This course is a continuation of MPAS 6101.

MPAS 6202 Applied Behavioral Medicine II

2.0cr.

R. Byrne, PA-C

This course is a continuation of MPAS 6201.

MPAS 6302 Pediatric Clinical Medicine II

2.0 cr.

R. Maldonado, PA-C

This course is a continuation of MPAS 6301. This course provides knowledge of a variety of medical and surgical problems unique to infancy, childhood, and adolescence that may be encountered in the primary care setting, including pathophysiology, diagnosis and treatment. The pedagogical approach to this course is the application of knowledge to patient cases, and has a large component of interactive clinical case examples and class discussion.

MPAS 6402 Adult Clinical Medicine II

3.0 cr.

K. Bogart, PA-C

This course is a continuation of MPAS 6401.

MPAS 6510 Orthopedics

1.0 cr.

R. Gierbolini, DHS, PA-C

A discussion of the principles of assessment and management of orthopedic problems for physician assistants in primary care. Laboratory sessions will provide an opportunity to practice orthopedic examinations and management techniques.

MPAS 6512 Emergency Medicine II

2.0 cr.

J. Flaska, PA-C

Discussion of the principles of assessment and management of medical and surgical emergencies.

MPAS 6602 Community Clinic II

2.0 cr.

T. Fernandez, PA-C

Students will learn clinical skills in a variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.

MPAS 6603 Community Clinic III

2.0 cr.

T. Fernandez, PA-C

Students will learn clinical skills in a variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.

MPAS 6604 Community Clinic IV

2.0 cr.

T. Fernandez, PA-C

Students will learn clinical skills in a variety of settings. Skills will include history taking, physical diagnosis, assessment and patient management under the supervision of community clinical preceptors.

MPAS 6674 Global Health Track Elective IV –2nd Year

1.0 cr.

A.Akerman, PA-C

Registration is restricted to those students enrolled in authorized Track. Permission must be given from the CHA/PA Program Associate Director of Curriculum and Course Directors from the SOM Faculty.

MPAS 6676 Rural Track Elective IV – 2nd Year

1.0 cr.

J. Nieman, PA-C

Registration is restricted to those students enrolled in authorized Track. Permission must be given from the CHA/PA Program Associate Director of Curriculum and Course Directors from the SOM Faculty.

MPAS 6678 Urban Underserved Track Elective IV – 2nd Year

1.0 cr.

C. Luna-Asturias, LSCW

Registration is restricted to those students enrolled in authorized Track. Permission must be given from the CHA/PA Program Associate Director of Curriculum and Course Directors from the SOM Faculty.

MPAS 6690 Medical Spanish Elective I **1.0 cr.**

R. Foster

This course is offered to those students interested in a Spanish language elective. Students are tested prior to registering for this course to allow proper placement into beginner or intermediate section.

MPAS 6691 Medical Spanish Elective II **1.0 cr.**

R. Foster

This course is offered to those students that are interested in a Spanish language elective. Students are tested prior to registering for this course to allow proper placement into beginner or intermediate section. Department Consent required.

MPAS 6692 Medical Spanish Elective III **1.0 cr.**

R. Foster

This course is offered to those students that are continuing their training in a medical Spanish language elective. Prerequisite: Restricted to 1st and 2nd year CHA/PA Students who have taken MPAS 6690 and 6691.

MPAS 6693 Medical Spanish Elective IV **1.0 cr.**

R. Foster

This course is offered to those students that are continuing their training in a medical Spanish language elective. Prerequisite: Restricted to 1st and 2nd year CHA/PA Students who have taken MPAS 6690, 6691, and 6692.

MPAS 6804 Professional and Clinical Practice IV **2.0 cr.**

J. Sivahop, PA-C

A continuation of MPAS 6803. Successful completion of MPAS 6803 is a pre-requisite.

MPAS 6884 Clinical Cornerstones IV **1.0 cr.**

D. Eckhardt, PA-C

A continuation of MPAS 6883. Successful completion of MPAS 5881, 5882, and 6883 is a pre-requisite.

ALL SEMESTERS

SECOND YEAR

MPAS 6640 Emergency Medicine Preceptorship **2.0 cr.**

T. Fernandez, PA-C

Students will develop assessment and patient management skills in care of patients in emergency medicine settings

MPAS 6651 CHA/PA Independent Study I -- 2nd Year **1.0 cr.**

J. Sivahop, PA-C

Approval is required by an Associate Director. This course is offered to those students that are pursuing an independent course of study for 16 hours during the semester they are enrolled.

MPAS 6652 CHA/PA Independent Study II -- 2nd Year **2.0 cr.**

J. Sivahop, PA-C

Approval is required by the Associate Director. This course is offered to those students that are pursuing an independent course of study for 32 hours during the semester they are enrolled.

MPAS 6653 CHA/PA Independent Study III -- 2nd Year **3.0 cr.**

J. Sivahop, PA-C

Approval is required by an Associate Director. This course is offered to those students that are pursuing an independent course of study for 48 hours during the semester they are enrolled.

MPAS 6670 Women's Health Preceptorship **2.0 cr.**

T. Fernandez, PA-C

Students will develop assessment and patient management skills in women's health under the supervision of community clinical preceptors.

FALL SEMESTER

THIRD YEAR

MPAS 6985 Global Health & Disasters **2.0 cr.**

A. Akerman, PA-C

This course prepares its participants for international experiences and future global health work. This is an interactive training course which incorporates readings, lectures, small group problem based learning exercises, technical skill sessions and a disaster simulation exercise. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.

ALL SEMESTERS

THIRD YEAR

MPAS 6905 Surgery	3.0 cr.
T. Fernandez, PA-C	
This course involves student participation as a member of a surgical team in a teaching hospital. Students will learn clinical skills for pre-operative, intra-operative and post-operative surgical medicine. This will include history taking, physical diagnosis, assessment and patient management. Students will observe or participate in surgical procedures under the supervision of community clinical preceptors.	
MPAS 6913 Pediatric Critical & Acute Care	3.0 cr.
D. Eckhardt, PA-C	
This course involves active participation as a member of the critical and acute care or inpatient team in a pediatric teaching hospital. Restricted to CHA/PA students. Students must complete application process and be accepted before enrollment.	
MPAS 6920 Neonatology	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation in the care of neonates in a teaching hospital. Attendance at morning rounds, making case presentations and participating in the night and weekend call schedule are required. Students are encouraged to attend deliveries and perform circumcision and other procedures with appropriate supervision.	
MPAS 6930 Ambulatory Pediatrics (Sec I, II)	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation in the care of patients in an ambulatory pediatric practice, including health maintenance, diagnosis and treatment, patient/parent education and follow-up. Course may be used to fulfill requirement of service to a rural (regular tract students only) or medically underserved population.	
MPAS 6932 Academic Inpatient Pediatric Medicine	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation as a member of the house-staff pediatric inpatient team in a teaching hospital. Attendance at morning rounds, making case presentations and participating in the night and weekend call schedule are required.	
MPAS 6934 Pediatric Elective I - 2 Week Rotation (Sec I- IV)	2.0 cr.
T. Fernandez,, PA-C	
This Clinical experience involves active participation in a specialty area of pediatric medicine for 2 weeks.	
MPAS 6936 Pediatric Elective II - 4 Week Rotation (Sec I-IV)	3.0 cr.
T. Fernandez,, PA-C	
This Clinical experience involves active participation in a specialty area of pediatric medicine for 4 weeks.	
MPAS 6938 Adolescent Medicine	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation in the care of patients in a clinical setting specializing in adolescent medicine with an emphasis on the medical, psychosocial, developmental, educational and sexual issues that are unique to adolescents.	
MPAS 6940 Family Medicine	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation in the care of patients in a family medicine setting, including health maintenance, diagnosis, and treatment, patient education, and follow-up for patients of all ages.	
MPAS 6942 Inpatient Adult Medicine	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation as a member of the house staff inpatient team in a teaching hospital. Attendance at morning rounds, making case presentations and participating in the night and weekend call schedule are required.	
MPAS 6946 Women's Health I – 2 Week Rotation	2.0 cr.
T. Fernandez,, PA-C	
This course involves active participation in an obstetrics and gynecology practice. Attendance at deliveries is encouraged and participating in the night and weekend call schedule may be required	
MPAS 6947 Women's Health II – 4 Week Rotation	3.0 cr.
T. Fernandez,, PA-C	
This course involves active participation in an obstetrics and gynecology practice. Attendance at deliveries is encouraged and participating in the night and weekend call schedule may be required.	
MPAS 6948 Emergency Medicine	3.0 cr.
T. Fernandez,, PA-C	
The course involves active participation in an emergency department. Attendance at meetings, conferences, and participating in the night and weekend call schedule are required.	
MPAS 6952 Rural Track Family Medicine (Sec I-II)	3.0 cr.
T. Fernandez,, PA-C	
This block is comprised of two sections, which must be completed in sequence in a single family medicine practice located in rural Colorado. The sequence involves participation in the care of patients in a family medicine setting, including health maintenance, diagnosis and treatment, patient education and follow-up for patients of all ages.	

MPAS 6969 Adult Elective I – 2 Week Rotation (Sec I-IV)	2.0 cr.
T. Fernandez,, PA-C The Clinical experience involves active participation in a specialty area of adult medicine for 2 weeks.	
MPAS 6970 Adult Elective II – 4 Week Rotation (Sec I-IV)	3.0 cr.
T. Fernandez,, PA-C This Clinical experience involves active participation in a specialty area of adult medicine for 4 weeks.	
MPAS 6971 Guatemala Clinical Immersion Experience II	3.0 cr.
A.Akerman, PA-C Four-week clinic experience in the country of Guatemala.	
MPAS 6972 Guatemala Immersion II for Global Health Track	3.0 cr.
A.Akerman, PA-C Four-week rotation in the country of Guatemala in fulfillment of Global Health Track requirements. Prerequisite: Four-week rotation in the country of Guatemala in fulfillment of Global Health Track requirements.	
MPAS 6974 Adult Internal Medicine	3.0 cr.
T. Fernandez,, PA-C The course involves active participation in an internal medicine adult practice in either the outpatient or inpatient setting. Participating in the night and weekend call schedule may be required.	
MPAS 6975 Behavioral & Mental Health	3.0 cr.
T. Fernandez,, PA-C Course involves participation in the care of patients in a behavioral or mental health setting.	
MPAS 6980 Third Year Clinical Seminar	2.0 cr.
J. Nieman, PA-C Third year clinical affords students the opportunity to present a patient encounter using multimedia technology and evidence-based research. This forum will encourage discussion of a vast array of medical conditions.	
MPAS 6983 Global Health Track Elective	3.0 cr.
A.Akerman, PA-C Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.	
MPAS 6987 Urban Underserved Health Track Elective	3.0 cr.
C. Luna-Asturias, LSCW Registration is restricted to those students enrolled in authorized Track. Permission must be given from a CHA/PA Program Associate Director and Course Directors from the SOM Faculty.	
MPAS 6991 CHA/PA Independent Study I – 3rd Year	1.0 cr.
J. Sivahop, PA-C Approval is required by an Associate Director. This course is offered to those students that are pursuing an independent course of study for 16 hours during the semester they are enrolled.	
MPAS 6992 CHA/PA Independent Study II – 3rd Year	2.0 cr.
J. Sivahop, PA-C Approval is required by an Associate Director. This course is offered to those students that are pursuing an independent course of study for 32 hours during the semester they are enrolled.	
MPAS 6993 CHA/PA Independent Study III – 3rd Year	3.0 cr.
J. Sivahop, PA-C Approval is required by an Associate Director. This course is offered to those students that are pursuing an independent course of study for 48 hours during the semester they are enrolled.	