

Doctor of Medical Science (DMSc) Program Curriculum

The DMSc Program curriculum is fully online and can be completed on a full-time or part-time basis. Students are allowed up to five years to complete the program; however, it is possible to complete in only four semesters as a full-time student or seven semesters as a part-time student.

The 40-credit hour plan of study includes 24 credit hours of online didactic coursework and 16 credit hours of clinical experiences completed in the student's home community under the guidance of DMSc faculty and an onsite clinical preceptor. The clinical experience courses may be customized to permit the student to earn a portion of the required structured educational components for eligibility to apply for Certificates of Added Qualifications (CAQs) in the field.

UNMC has Fall, Spring and Summer semesters. The courses required to complete the program are listed below. Both full-time and part-time cohorts begin each fall semester.

Didactic Courses (all online, asynchronous courses)			
Course #	Course Title	Credit Hours	Semester Offered
MSC 701	Health Care Systems Theory and Practice for the Advanced PA	3	Fall
MSC 702	PA Leaders & Their Organizations: Navigating Complexities in Healthcare Sys	3	Summer
MSC 703	Quality Improvement in Advanced Physician Assistant Practice	3	Spring
MSC 704	Application of Research and Statistical Methods to the Advanced PA Practice	3	Fall
MSC 705	Capstone Project I for the Advanced Physician Assistant Practice	2	Spring
MSC 706	Capstone Project II for the Advanced Physician Assistant Practice	2	Spr/Sum
MSC 707	Capstone Project III for the Advanced Physician Assistant Practice	2	Fall
MSC 708	Health Security and Medical Operations for Advanced PA Practice	3	Fall
CAHP 750	Interprofessional Global Health	3	Summer
TOTAL DIDACTIC CREDIT HOURS		24	
Clinical Experience Courses (Courses are delivered asynchronously but the learning components within each course require participation in clinical experiences conducted at the placement location.)			
Course #	Course Title	Credit Hours	Semester Offered
MSC 709	Field Placement I	4	Fall/Sum
MSC 710	Field Placement II	4	Fall/Spr
MSC 711	Field Placement III	4	Spr/Sum
MSC 712	Field Placement IV	4	Fall
TOTAL CLINICAL EXPERIENCE CREDIT HOURS		16	
TOTAL CURRICULUM CREDIT HOURS		40	

Sample enrollment plans for both full-time and part-time students:

DMSc Plan of Study – Sample Schedule for Full-Time Students (4 Semesters; 16 Months)		
Year One		
Fall Semester (10 Credits)	Spring Semester (9 Credits)	Summer Semester (12 Credits)
MSC 701 Health Care Systems Theory and Practice for the Advanced PA (3)	MSC 703 Quality Improvement in Advanced PA Practice (3)	MSC 702 PA Leaders & Their Organizations: Navigating the Complexities (3)
MSC 704 Application of Research and Statistical Methods to the Advanced PA Practice (3)	MSC 710 Field Placement II (4)	CAHP 750 Interprofessional Global Health (3)
MSC 709 Field Placement I (4)	MSC 705 Capstone Project I (2)	MSC 711 Field Placement III (4)
		MSC 706 Capstone Project II (2)
Year Two		
Fall Semester (9 Credits)	Spring Semester	Summer Semester
MSC 708 Health Security and Medical Operations Applied to Advanced PA Practice (3)		
MSC 712 Field Placement IV (4)		
MSC 707 Capstone Project III (2)		

DMSc Plan of Study – Sample Schedule for Part-Time Students (7 Semesters; 28 Months)		
Year One		
Fall Semester (6 Credits)	Spring Semester (5 Credits)	Summer (7 Credits)
MSC 701 Health Care Systems Theory and Practice for the Advanced PA (3)	MSC 703 Quality Improvement in Advanced PA Practice (3)	MSC 702 PA Leaders & Their Organizations: Navigating the Complexities (3)
MSC 704 Application of Research and Statistical Methods to the Advanced PA Practice (3)	MSC 705 Capstone Project I (2)	MSC 709 Field Placement I (4)
Year Two		
Fall Semester (7 Credits)	Spring Semester (6 Credits)	Summer (3 Credits)
MSC 708 Health Security and Medical Operations Applied to Advanced PA Practice (3)	MSC 711 Field Placement III (4)	CAHP 750 Interprofessional Global Health (3)
MSC 710 Field Placement II (4)	MSC 706 Capstone Project II (2)	
Year Three		
Fall Semester (6 Credits)	Spring Semester	Summer Semester
MSC 712 Field Placement IV (4)		
MSC 707 Capstone Project III (2)		