

# Dual Degree: Master of Public Health and Doctor of Medicine

## Plan Description

The Doctor of Medicine (MD) program emphasizes the basics of medicine: communication, physical exam and diagnosis, clinical skills, advanced clinical reasoning and interpretation, professionalism, and ethics using technologically advanced tools and genomic data to foster medical student learning. Overall, the curriculum is community-focused, but places great importance on relationships through faculty to student mentorship, extensive experience with health care professionals in the delivery of primary care and longitudinal patient-centered care, in addition to immersion in community service projects and initiatives. Students will directly apply their learning in the service of others, providing compassionate care in collaboration with many other health professionals including: physicians, nurses, nurse practitioners, dentists, physical therapists, social workers, occupational therapists, and other community practitioners in the pursuit of providing the best patient outcomes and satisfaction.

The Master of Public Health (MPH) Degree Program is designed to prepare students to be Public Health professionals in the private and public sectors with the overall goal of promoting and protecting the health of individuals in our society.

### Educational Objectives

The purpose of the MPH Program is to prepare individuals to become effective healthcare practitioners, researchers and teachers who will competently identify public health problems and needs, develop effective strategies to address those needs, and promote appropriate services to be available for the protection of human health.

## Plan Admission Requirements

### Application deadlines

Applications are available on the UNLV Graduate College website.

Applicants to the MPH/MD program must submit formal applications for admission to both the School of Medicine and to the School of Public Health.

Students must meet the requirements for admission to both programs.

Admissions requirements are the same as those stated under the MD and MPH programs.

Contact the UNLV School of Medicine and the School of Public Health for further information on admissions requirements.

Applications from current students in either program will be considered.

All domestic and international applicants must review and follow the Graduate College Admission and Registration Requirements.

Students are accepted into a degree program as described in the Graduate Catalog. The faculty and

corresponding sub-disciplines and sub-plans within the described programs are subject to change at any time.

## Plan Requirements

Please see plan requirements below.

Total credits required: 222

## Doctor of Medicine - Plan Requirements

Total Credits: 175

Please refer to the Doctor of Medicine program plan page (technical note: Add Link) in the catalog for more information about requirements for the MD.

## Master of Public Health - Plan Requirements

See Subplan Requirements below.

- Subplan 1: Social and Behavioral Health Track
- Subplan 2: Environmental and Occupational Health Track
- Subplan 3: Health Care Administration and Policy Track
- Subplan 4: Biostatistics and Epidemiology Track
- Subplan 5: Generalist Track - Online

## Subplan 1 Requirements: Social and Behavioral Health Track

Total Credits Required: 47

## Course Requirements

Students have the option to take all courses, except for the internship (3cr), at the SPH. Students can opt to take the internship and up to 9 credits of shared SOM courses, as described below. Only 12 credits may be from the SOM.

## Required Courses – Credits: 20

Complete 20 credits by completing all of the following courses, choosing either EAB 705 or HCA 702.

[Before] EOH 707 The Practice of Public Health	2
EOH 710 Fundamentals of Public Health	3

EOH 740 Fundamentals of Environmental Health	3
HCA 701 U.S. Health Care System: Programs and Policies	3
EAB 703 Biostatistical Methods for the Health Sciences	3
HED 720 Program Planning and Grant Writing in Health Promotion	3
[After] Choose one of the courses below:	
EAB 705 Epidemiology and Public Health	3
HCA 702 Epidemiology in Health Services Management	3

## Social and Behavioral Health Courses – Credits: 6

Complete 6 credits by completing all of the following courses:

HED 705 Theoretical Foundations in Health Promotion	3
HED 730 Program Evaluation in Health Promotion	3

## Methods Courses – Credits: 3

Complete one of the following courses or other advisor approved course:

EAB 700 Research Methods for Public Health	3
EOH 715 Qualitative & Field Methods for Public Health	3
EOH 744 Mixed Methods Research for Public Health	3

## Social Health Courses – Credits: 3

Complete one of the following courses:

EOH 705 Social Epidemiology	3
HED 761 Racial and Ethnic Disparities in Health	3

## Elective Courses – Credits: 9

Students must complete nine credits of elective coursework either at the SOM or SPH. Select from the following list or other advisor approved courses:

HED 607 Stress Management	3
HED 627 Methods in Health Education	3
HED 629 Education for Sexuality	3
HED 630 Nutrition	3
HED 635 Health Studies on Dangerous Drugs	3
HED 760 Technology in Health Promotion	3

HED 777 Women's Health Across Time and the Life Course	3
HED 785 Independent Study in Health Promotion	1 – 3
[After] Or at the SOM:	
AIM 811 Analytics in Medicine 1 - Credits:1	
AIM 821 Analytics in Medicine 2 - Credits:1	
AIM 831 Analytics in Medicine 3 - Credits:1	
EMT 801 Emergency Response and Population Health - Credits:6	

**Internship - Credits: 3**

Students must complete 3 shared credits by completing the internship at the School of Medicine and completing the SPH requirements.

MED 812 Nevada Community Service 1	1
MED 822 Nevada Community Service 2	1
MED 832 Nevada Community Service 3	1

**Culminating Experience – Credits: 3**

HED 750 Graduate Project in Health Promotion	3
--	---

**Degree and Graduation Requirements**

Please see degree and graduation requirements below.

**Subplan 2 Requirements: Environmental and Occupational Health Track**

Total Credits Required: 47

**Course Requirements**

Students have the option to take all courses, except for the internship (3cr), at the SPH. Students can opt to take the internship and up to 9 credits of shared SOM courses, as described below. Only 12 credits may be from the SOM.

**Required Courses – Credits: 20**

Complete 20 credits by completing all of the following courses, choosing either EAB 705 or HCA 702.

[Before] EOH 707 The Practice of Public Health	2
--	---

EOH 710 Fundamentals of Public Health	3
EOH 740 Fundamentals of Environmental Health	3
HCA 701 U.S. Health Care System: Programs and Policies	3
EAB 703 Biostatistical Methods for the Health Sciences	3
HED 720 Program Planning and Grant Writing in Health Promotion	3
[Before] Choose one of the courses below:	
EAB 705 Epidemiology and Public Health	3
HCA 702 Epidemiology in Health Services Management	3

### Environmental and Occupational Health Course – Credits: 3

EOH 601 Advanced Environmental Toxicology	3
---	---

### Health and Safety Courses – Credits: 6

Complete 6 credits by completing all of the following courses:

EOH 717 Food Safety and Public Health	3
EOH 747 Transmission of Infectious Disease	3

### Environmental Course – Credits: 3

EOH 765 Seminar in Environmental Justice and Public Health	3
--	---

### Skill Development Courses – Credits: 6

Complete 6 credits by completing all of the following courses:

EAB 700 Research Methods for Public Health	3
EOH 709 Scientific/Technical Writing for the Health and Life Sciences	3

### Elective Courses – Credits: 3

Students must complete three credits of elective coursework either at the SOM or SPH. Select from the following list or other advisor approved courses:

EOH 705 Social Epidemiology	3
EOH 713 Public Health Law	3
EOH 715 Qualitative & Field Methods for Public Health	3

EOH 732 Children, Development, Health, and the Environment	3
EOH 757 Parasitology and Public Health	3
EOH 767 Airborne Pathogens and Human Health	3
EOH 769 Pollution and Health	3
EOH 777 Emerging Infectious Disease	3
EOH 795 Special Topics in Public Health	3
EOH 796 Independent Study in Environmental Health	1 – 3
HED 705 Theoretical Foundations in Health Promotion	3
HED 761 Racial and Ethnic Disparities in Health	3
EAB 716 The Epidemiology of Obesity	3
[After] Or at the SOM:	

AIM 811 Analytics in Medicine 1 - Credits:1  
 AIM 821 Analytics in Medicine 2 - Credits:1  
 AIM 831 Analytics in Medicine 3 - Credits:1  
 EMT 801 Emergency Response and Population Health - Credits:6

### Internship - Credits: 3

Students must complete 3 shared credits by completing the internship at the School of Medicine and completing the SPH requirements.

MED 812 Nevada Community Service 1	1
MED 822 Nevada Community Service 2	1
MED 832 Nevada Community Service 3	1

### Culminating Experience – 3

EOH 794 Professional Paper in Environmental Health	3
--	---

### Degree and Graduation Requirements

Please see degree and graduation requirements below.

### Subplan 3 Requirements: Health Care Administration and Policy Track

Total Required Credits: 47

### Course Requirements

Students have the option to take all courses, except for the internship (3cr), at the SPH. Students can opt to take the internship and up to 9 credits of shared SOM courses, as described below. Only 12 credits may be from the SOM.

### Required Courses – Credits: 20

Complete 20 credits by completing all of the following courses, choosing either EAB 705 or HCA 702.

[Before] EOH 707 The Practice of Public Health	2
EOH 710 Fundamentals of Public Health	3
EOH 740 Fundamentals of Environmental Health	3
HCA 701 U.S. Health Care System: Programs and Policies	3
EAB 703 Biostatistical Methods for the Health Sciences	3
HED 720 Program Planning and Grant Writing in Health Promotion	3
[Before] Choose one of the courses below:	
EAB 705 Epidemiology and Public Health	3
HCA 702 Epidemiology in Health Services Management	3

### Health Care Admin & Policy Courses – Credits: 15

Complete 15 credits by completing all of the following courses:

HCA 703 Management of Health Service Organizations and Systems	3
HCA 716 Health Care Accounting and Finance	3
HCA 719 Operations and Quality Management of Health Services	3
HCA 720 Information Systems in Health Services Management	3
HCA 730 Strategic Management of Health Services	3

### Elective Courses – Credits: 6

Students must complete six credits of elective coursework either at the SOM or SPH. Select from the following list or choose from other advisor approved courses from the pool of university approved graduate level courses:

HCA 652 Health Politics and Policy	3
HCA 680 Organization and Management of Long-Term Care Services	3
HCA 718 Health Care Economics	3
HCA 721 Advanced Health Care Finance	3
HCA 761 Health Care Law and Ethics for Managers	3

HED 705 Theoretical Foundations in Health Promotion 3

[After] Or at the SOM:

- AIM 811 Analytics in Medicine 1 - Credits:1
- AIM 821 Analytics in Medicine 2 - Credits:1
- AIM 831 Analytics in Medicine 3 - Credits:1
- EMT 801 Emergency Response and Population Health - Credits:6

### Internship - Credits: 3

Students must complete 3 shared credits by completing the internship at the School of Medicine and completing the SPH requirements.

- MED 812 Nevada Community Service 1 1
- MED 822 Nevada Community Service 2 1
- MED 832 Nevada Community Service 3 1

### Culminating Experience – Credits: 3

- HCA 794 Professional Paper in Health Care Administration 3

### Degree and Graduation Requirements

Please see degree and graduation requirements below.

### Subplan 4 Requirements: Biostatistics and Epidemiology Track

Total Required Credits: 47

### Course Requirements

Students have the option to take all courses, except for the internship (3cr), at the SPH. Students can opt to take the internship and up to 9 credits of shared SOM courses, as described below. Only 12 credits may be from the SOM.

### Required Courses – Credits: 20

Complete 20 credits by completing all of the following courses, choosing either EAB 705 or HCA 702.

- [Before] EOH 707 The Practice of Public Health 2
- EOH 710 Fundamentals of Public Health 3
- EOH 740 Fundamentals of Environmental Health 3



HCA 701 U.S. Health Care System: Programs and Policies	3
EAB 703 Biostatistical Methods for the Health Sciences	3
HED 720 Program Planning and Grant Writing in Health Promotion	3
[Before] Choose one of the courses below:	
EAB 705 Epidemiology and Public Health	3
HCA 702 Epidemiology in Health Services Management	3

## Biostatistics and Epidemiology Courses – Credits: 12

Complete 12 credits by completing all of the following courses:

EAB 700 Research Methods for Public Health	3
EAB 715 Chronic Disease Epidemiology	3
EAB 725 Epidemiology of Infectious Diseases	3
EAB 763 Linear Statistical Models	3

## Elective Courses – Credits: 9

Students must complete nine credits of elective coursework either at the SOM or SPH. Select from the following list or other advisor approved courses:

EAB 716 The Epidemiology of Obesity	3
EAB 720 Grant Writing for Epidemiology and Public Health Research	3
EAB 733 Survey Sampling for the Health Sciences	3
EAB 735 Outbreak Investigation	3
EAB 743 Experimental Design for the Health Sciences	3
EAB 753 Nonparametric Statistics for Public Health	3
EAB 770 Applied Statistical Methods for Categorical Data	3
EAB 773 Survival Analysis for Public Health	3
EAB 795 Special Topics in Epidemiology and Biostatistics	1 – 3
EAB 796 Independent Study in Epidemiology and Biostatistics	1 – 3
HED 705 Theoretical Foundations in Health Promotion	3
[After] Or at the SOM:	
AIM 811 Analytics in Medicine 1 - Credits:1	
AIM 821 Analytics in Medicine 2 - Credits:1	
AIM 831 Analytics in Medicine 3 - Credits:1	
EMT 801 Emergency Response and Population Health - Credits:6	

## Internship - Credits: 3

Students must complete 3 shared credits by completing the internship at the School of Medicine and completing the SPH requirements.

MED 812 Nevada Community Service 1	1
MED 822 Nevada Community Service 2	1
MED 832 Nevada Community Service 3	1

## Culminating Experience – Credits: 3

EAB 794 Professional Paper in Epidemiology and Biostatistics	3
--	---

## Degree and Graduation Requirements

Please see degree and graduation requirements below.

## Subplan 5 Requirements: Generalist Track - Online

Total Required Credits: 47

## Course Requirements

Students have the option to take all courses, except for the internship (3cr), at the SPH. Students can opt to take the internship and up to 9 credits of shared SOM courses, as described below. Only 12 credits may be from the SOM.

## Required Courses - Credits: 20

Complete 20 credits by completing all of the following courses, choosing either EAB 705 or HCA 702.

[Before] EOH 707 The Practice of Public Health	2
EOH 710 Fundamentals of Public Health	3
EOH 740 Fundamentals of Environmental Health	3
HCA 701 U.S. Health Care System: Programs and Policies	3
EAB 703 Biostatistical Methods for the Health Sciences	3
HED 720 Program Planning and Grant Writing in Health Promotion	3
[Before] Choose one of the courses below:	
EAB 705 Epidemiology and Public Health	3
HCA 702 Epidemiology in Health Services Management	3

## Methods Courses - Credits: 6

Complete 6 credits by completing all of the following courses, choosing either EAB 700 or HCA 715.

HED 716 Qualitative & Field Methods for Public Health	3
[Before] Choose one of the courses below:	
EAB 700 Research Methods for Public Health	3
HCA 715 Health Services Research Methods	3

## Generalist Concentration Courses - Credits: 12

Complete 12 credits by completing all of the following courses:

EOH 705 Social Epidemiology	3
EOH 713 Public Health Law	3
HED 705 Theoretical Foundations in Health Promotion	3
HED 761 Racial and Ethnic Disparities in Health	3

## Elective Courses - Credits: 3

Students must complete three credits of elective coursework either at the SOM or SPH. At SPH complete any EAB, EOH, HED, or HCA course numbered 600 or above with advisor approval

Or at the SOM:

AIM 811 Analytics in Medicine 1 - Credits:1	
AIM 821 Analytics in Medicine 2 - Credits:1	
AIM 831 Analytics in Medicine 3 - Credits:1	
EMT 801 Emergency Response and Population Health - Credits:6	

## Internship - Credits: 3

Students must complete 3 shared credits by completing the internship at the School of Medicine, as follows:

MED 812 Nevada Community Service 1	1
MED 822 Nevada Community Service 2	1
MED 832 Nevada Community Service 3	1

## Culminating Experience – Credits: 3

EOH 794 Professional Paper in Environmental Health	3
--	---

## Degree and Graduation Requirements

Please see degree and graduation requirements below.

### MPH Degree Requirements

Completion of a minimum of 35 credits of MPH (with 12 credits from medical school) up to 47 credits (with 0 credits from medical school) with a minimum GPA of 3.00.

In consultation with their advisor, a student will organize a committee of at least three departmental members. In addition, a fourth member from outside the department, known as the Graduate College Representative, must be appointed. An additional committee member may be added at the student and department's discretion. Please see Graduate College policy for committee appointment guidelines.

### MPH Graduation Requirements

The student must submit all required forms to the Graduate College as well as apply for graduation up to two semesters prior to completing their degree requirements.

Students must receive prior approval from their committee before registering for any capstone experience.

Successfully complete and defend a professional paper by the posted deadline.