

MD/MAS Overview

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What is the MAS degree?

Master of Advanced Study in Clinical Research



Why should you get a MAS?

Learn how knowledge is generated in public health and clinical medicine

Apply your learning to generate new knowledge

Enhance chance at success for a career in clinical research

Even if you do not choose a career in research, knowing how knowledge is generated will help you critically evaluate evidence in your medical career.



What does the MAS involve?

Courses



\geq 36 units over 6 quarters



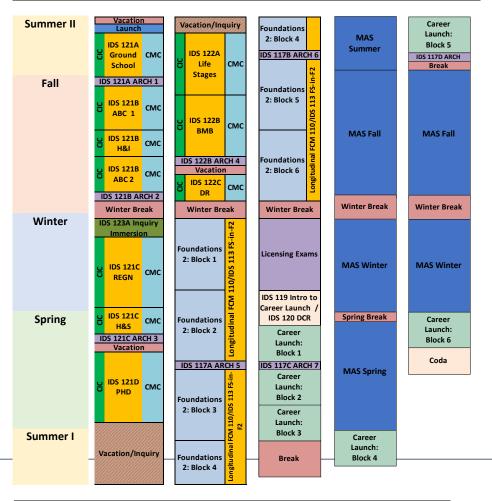
- Comprehensive literature critique
- First-authored abstract presented at scientific meeting
- First-authored manuscript submitted for peer-review

Teaching



Teaching assistant for one course

Quarter	Year 1	Year 2	Year 3	Year 4	Year 5



UCSF

Legend: ABC. Airway, Blood & Circulation: ABCH. Assessment, Reflection, Coaching & Health: RMB, Brain, Movement & Rehavior: CIC

How is the MAS paid for?

- Yearlong Inquiry Program (TL1) competitive
 - Apply for 1 of 10 spots to fund MAS Year 1 tuition and ~\$34,800 stipend
 - Due Date to Inquiry Funding Office ~ March 30
 - Only pays for Year 1
- Other grant
- Funds from mentor
- Financial aid



What else should I know about MD/MAS?

- Designing Clinical Research take SOM Spring or MAS Summer II
- Career Launch
 - Recommend 3 blocks SOM Spring Year 3
 - Advance planning required for away rotations
- SPAN Final year Fall/Winter Quarters
- Deep Explore Requirement Satisfied by MAS
- MD with Distinction Can submit MAS products of research



How do I apply?

- 1. Yearlong Inquiry Program / Inquiry Funding Office
- 2. MAS Program Application
 - Rolling admissions Jan April 30
 - Don't need to complete graduate division application

Inquiry Funding Office (Yearlong Program) https://meded.ucsf.edu/inquiry-funding-office

MD/MAS

https://meded.ucsf.edu/md-program/current-students/education-programs/mdmasters-advanced-studies-mdmas

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Back-up Slides



Curriculum - Required

	Summer	Fall	Winter	Spring	
	EPI 201 Responsible	EPI 203	EPI 205 Clinical Trials	EPI 212 Publishing/	
	Conduct of Research	Epidemiologic		Presenting Research	
		Methods			
	EPI 202 Designing	EPI 204 Clinical	BIO 208 Biostatistical	EPI 214 Systematic	
Year 1	Clinical Research	Epidemiology	Methods II	Reviews	
	EPI 218 Database	BIO 200 Biostatistical	EPI 220/230 TICR	BIO 209 Biostatistical	
	Management	Methods I	Seminar I	Methods III	
	BIO 212 Intro. to	EPI 220/230 TICR Seminar I	EPI 222 Social Determinants of Health	EPI 220/230 TICR Seminar I	
	Statistical Computing		Determinants of Health	Semmari	
		Fall	Winter		
		BIO 210 Biostatistical	EPI 221 Master's		
Year 2		Methods IV	Seminar II		
		EPI 221 Master's			
		Seminar II			

Curriculum - Electives

Summer	Fall	Winter	Spring		
BIO 202 Intro. to	EPI 263 Demographic Methods	EPI 206 Medical Informatics	EPI 245 Intro. to Translating		
Science of Big Data	for Health EPI 264 Spatial Epidemiology	EPI 207 Epi Methods II	Evidence into Practice EPI 248 Community- Engaged		
	EPI 268 Econometric Methods for Causal Inference	EPI 210 Epidemiology of Aging	Research EPI 265 Epi Methods III		
		EPI 213 Cost-Effectiveness Analysis	EPI 223 Advanced Social Determinants of Health		
		EPI 217 Molecular and Genetic Epidemiology	BIO 215 Advanced Analysis of Observational Data		
		EPI 246 Individual-Centered Implementation			
		EPI 247 System-centered Implementation			
		EPI 252 Cancer Epidemiology			
		EPI 262 Pharmacoepidemiology			
		EPI 266 Modeling of Infectious Diseases			
		BIO 226 Statistical Issues in Randomized Trials			

Products of Research



Comprehensive literature critique

- Regarding a specific research question in student's research field
- Complete and unbiased search for all relevant sources
- Objective: demonstrate ability to provide high-level critique of threats to validity and draw conclusions



First-authored abstract presented at scientific meeting

- Study of a comparative nature (not a case report/series) or a descriptive study with meaningful sample
- Represents a substantive contribution to the research field



First-authored manuscript submitted for peer-review

- Study of a comparative nature or meaningful descriptive study
- May be a comprehensive extension of the abstract

Year 1 Year 2 Year 3 Year 4

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Traditional MD Schedule - FYI

