

# Colorado School of Public Health

## Master of Public Health: Applied Biostatistics (CU Anschutz) 42 credits

### Required Core Courses (17 credits)

BIOS 6601	Applied Biostatistics I	3 credits _____
EPID 6630	Epidemiology	3 credits _____
EHOH 6614	Occupational & Environmental Health	3 credits _____
CBHS 6610	Social & Behavioral Factors & Health	3 credits _____
HSMP 6601	Introduction to HSMP	3 credits _____
PUBH 6600	Foundations in Public Health	2 credits _____

### Required Applied Biostatistics Courses (9 credits)

BIOS 6602	Applied Biostatistics II	3 credits _____
BIOS 6623	Advanced Data Analysis	3 credits _____
BIOS 6680	SAS Database Design & Management	3 credits _____

### Choose a minimum of 3 credits from the following list of courses:

*(additional courses may be substituted with permission of Concentration Director)*

BIOS 6310	Practical Clinical Research Informatics	3 credits _____
BIOS 6621	Statistical Consulting I	1 credit _____
BIOS 6622	Statistical Consulting II	1 credit _____
BIOS 6628	Latent Variable Methods	3 credits _____
BIOS 6629	Applied Survival and Longitudinal Data Analysis	3 credits _____
BIOS 6640	R for Data Science	3 credits _____
BIOS 6641	Causal Inference	3 credits _____
BIOS 6642	Intro to Python Programming	3 credits _____
BIOS 6644	Practical Data Wrangling	2 credits _____
BIOS 6648	Design and Conduct of Clinical Research	3 credits _____
BIOS 6685	Intro to Public Health Informatics	3 credits _____

### Electives (9 credits)

_____	_____	____ credits _____
_____	_____	____ credits _____
_____	_____	____ credits _____
_____	_____	____ credits _____

PUBH 6606	Practicum	2 credits _____
BIOS 6990	Capstone Preparation	1 credit _____
PUBH 6991	Capstone Integration	1 credit _____

TOTAL \_\_\_\_\_ 42