



**Curriculum Timeline**  
 Master of Science Degree  
 Biomedical and Translational Science

The curriculum to earn the Master of Science degree in Biomedical and Translational Science (MS-BATS) requires one year [three (3) academic quarters plus one (1) summer quarter] of coursework and research training. Students will focus and establish a solid foundation in the fundamental disciplines underlying modern biomedical and clinical research. Students are expected to develop a study design, conduct research, choose a research mentor, write, defend, and submit thesis in one year, applying the principals learned throughout the year.

<b>MS-BATS – One-Year Curriculum (Accelerated Path)</b>				
<b>Year 1</b>	<b>Summer</b>	<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
Saturday	Ethics in Clinical Research (BATS 296)	Introduction to Medical Statistics (BATS 209A)	Introduction to Clinical Epidemiology (BATS 210A)	Design and Analysis of Clinical Trials (BATS 232)
Thursday		Health Politics and Policy (BATS 255)	Introduction to Medical Statistics II (BATS 209B)	Quality Efficiency and Cost Effectiveness (BATS 251)
Thursday		Disparities in Health and Healthcare (BATS 253)	Measurement Science, Outcomes Research & Advanced Applied Methods (BATS 247)	Comparative Effectiveness Research (BATS 245A)
Thursday		BATS (280) Seminar	BATS (280) Seminar	BATS (280) Seminar
		<i>Optional Elective</i>	<i>Optional Elective</i>	<i>Optional Elective</i>
		Independent Directed Research (BATS 299)	Independent Directed Research (BATS 299)	Independent Directed Research (BATS 299)
		MS Thesis Research & Writing (BATS 295)	MS Thesis Research & Writing (BATS 295)	MS Thesis Research & Writing (BATS 295)

\*\*\*A total of 50 units is the minimum requirement in order to earn BATS degree.