

CHEMISTRY MS TIMELINE (NON-THESIS TRACK)

Semester 1	Semester 2	Semester 3	Semester 4
<p>Courses</p> <p>CHEM 5301 Introduction to Graduate Teaching and Research</p> <p>6 hours of CHEM 53XX or approved electives¹</p>	<p>Courses</p> <p>CHEM 5302 Project Preparation and Research Management</p> <p>6 hours of CHEM 53XX or approved electives¹</p>	<p>Courses</p> <p>9 hours of CHEM 53XX or approved electives¹</p>	<p>Courses</p> <p>CHEM 5395 Literature Research and Technical Writing</p> <p>6 hours of CHEM 53XX or approved electives¹</p>
<p><u>Checklist</u></p> <p><input type="checkbox"/> Select project</p> <p><input type="checkbox"/> Select project mentor</p> <p><input type="checkbox"/> Start writing project</p>	<p><u>Checklist</u></p> <p><input type="checkbox"/> Continue writing project</p>	<p><u>Checklist</u></p> <p><input type="checkbox"/> Begin applying for jobs, PhD programs or professional schools</p> <p><input type="checkbox"/> Continue writing project</p>	<p><u>Checklist</u></p> <p><input type="checkbox"/> Finish writing project</p> <p><input type="checkbox"/> Schedule project presentation²</p> <p><input type="checkbox"/> Submit project and presentation to course instructor or mentor²</p>

1. To teach in Texas colleges you must have 18 hours of CHEM lecture courses. Taking courses outside of the Chemistry and Biochemistry Department requires permission of the course instructor or project mentor.

2. For due dates, see the course instructor (or project mentor).



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Chemistry Electives

CHEM 5299-5399	Independent Study
CHEM 5312	Chemical Sensors
CHEM 5316	Advanced Analytical Chemistry
CHEM 5320	Advanced Biochemistry
CHEM 5321	Biochemical Foundation and Treatment of Disease
CHEM 5331	Organometallic Chemistry
CHEM 5339	Bioinorganic Chemistry
CHEM 5340	Physical Organic Chemistry
CHEM 5341	Organic Synthesis
CHEM 5342	Nanochemistry and Macromolecules
CHEM 5350	Quantum Mechanics
CHEM 5351	Molecular Spectroscopy
CHEM 5383	Advanced Chemical Principles of Fermentation