

MASTER OF SCIENCE IN CHEMISTRY (RESEARCH)

Web Site: <https://twu.edu/chemistry-biochemistry/graduate-program/>

Degree Requirements

Total Semester Credit Hours Required

30 semester credit hours (SCH).

Required Courses

16-17 SCH of chemistry coursework (excluding research, seminar, professional paper, and thesis) approved by an advisory committee. Research track students must enroll in CHEM 5101 a minimum of four times. It is recommended students enroll in CHEM 5101 each semester if taking six or more SCH.

Research Track (30 semester credit hours)

Code	Title	SCHs
Required Chemistry Courses (16 SCH)		
CHEM 5101	Seminar (take a minimum of 4 times)	4
Select 12 SCH from the following		12
CHEM 5013	Advanced Physical Chemistry	
CHEM 5213	Advanced Organic Chemistry	
CHEM 5323	Advanced Analytical Chemistry	
CHEM 5523	Advanced Inorganic Chemistry	
CHEM 5613	Advanced Biochemistry I	
CHEM 5623	Advanced Biochemistry II	
Electives		
Select 8 SCH from the following		8
CHEM 5101	Seminar (may be repeated)	
CHEM 5891	Research in Chemistry (may be repeated)	
CHEM 5893	Research in Chemistry (may be repeated)	
CHEM 5896	Research in Chemistry	
Other courses as approved by advisor.		
Completion of Track		
CHEM 5983	Thesis	3
CHEM 5993	Thesis	3
Total SCHs		30

Final Examination

All candidates for master's degrees must pass a final oral examination administered by the student's research committee.