



College of Science and Mathematics

Department of Chemistry
and Biochemistry

MS in Chemical Science: Program of Study

CHEMISTRY TRACK

Year 1 – Fall Semester

Course No.	Course Title	Credit Hours
CHEM 7000	Research Skills and Ethics	3
CHEM 6510	Adv. Top. In Physical Chem. - Biophysical Chemistry	3
CHEM XXXX	Chemistry Elective	3

Year 1 – Spring Semester

Course No.	Course Title	Credit Hours
CHEM 7600	Physical and Analytical Methods	3
CHEM 7XXX/6XXX	Chemistry Elective	3
CHEM 7990	Research for MS Thesis	2
CHEM 7100	Graduate Seminar	1

Year 1 – Summer Semester

Course No.	Course Title	Credit Hours
CHEM 7990	Research for MS Thesis	1

Year 2 – Fall Semester

Course No.	Course Title	Credit Hours
CHEM 7XXX/6XXX	Chemistry Elective or Research*	3
CHEM 7990	Research for MS Thesis	6

Year 2 – Spring Semester

Course No.	Course Title	Credit Hours
CHEM 7XXX/6XXX	Chemistry Elective or Research*	3
CHEM 7990	Research for MS Thesis	0 - 5
CHEM 7100	Graduate Seminar	1

Year 2 – Summer Semester

Course No.	Course Title	Credit Hours
CHEM 7990	Research for MS Thesis *	1

BIOCHEMISTRY TRACK

Year 1 – Fall Semester

Course No.	Course Title	Credit Hours
CHEM 7000	Research Skills and Ethics	3
CHEM 6510	Adv. Top. In Physical Chem. - Biophysical Chemistry	3
CHEM XXXX	Chemistry Elective	3

Year 1 – Spring Semester

Course No.	Course Title	Credit Hours
CHEM 7600	Chemical Biology	3
CHEM/BIOL 7XXX/6XXX	Biochemistry Elective	3
CHEM 7990	Research for MS Thesis	2
CHEM 7100	Graduate Seminar	1

Year 1 – Summer Semester

Course No.	Course Title	Credit Hours
CHEM 7990	Research for MS Thesis	1

Year 2 – Fall Semester

Course No.	Course Title	Credit Hours
CHEM/BIOL 7XXX/6XXX	Biochemistry Elective or Research**	3
CHEM 7990	Research for MS Thesis	6

Year 2 – Spring Semester

Course No.	Course Title	Credit Hours
CHEM/BIOL 7XXX/6XXX	Biochemistry Elective or Research**	3
CHEM 7990	Research for MS Thesis	0 - 5
CHEM 7100	Graduate Seminar	1

Year 2 – Summer Semester

Course No.	Course Title	Credit Hours
CHEM 7990	Research for MS Thesis *	1

* - At least one lecture course is required during the 2014-15 academic year

* - If needed to complete thesis

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