# Ten Week Session

**CHEM 4900**  
**SPECIAL PROBLEMS**

<table>
<thead>
<tr>
<th>Section</th>
<th>CRN</th>
<th>Type</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>(5786) CRE V M</td>
<td>05:00 pm-05:50 pm</td>
<td>Golden T</td>
</tr>
<tr>
<td>703</td>
<td>(5739) CRE V</td>
<td></td>
<td>Omary M</td>
</tr>
<tr>
<td>709</td>
<td>(5785) CRE V</td>
<td></td>
<td>Slaughter III L</td>
</tr>
<tr>
<td>714</td>
<td>(11794) CRE V</td>
<td></td>
<td>Weber R</td>
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<tr>
<td>715</td>
<td>(4445) CRE V</td>
<td></td>
<td>Acree Jr W</td>
</tr>
<tr>
<td>717</td>
<td>(11752) CRE V</td>
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<td>Mcafee J</td>
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<tr>
<td>719</td>
<td>(5441) CRE V</td>
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<td>Marshall P</td>
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<tr>
<td>720</td>
<td>(4749) CRE V</td>
<td></td>
<td>Cundari T</td>
</tr>
<tr>
<td>721</td>
<td>(6332) CRE V</td>
<td></td>
<td>Kelber J</td>
</tr>
<tr>
<td>723</td>
<td>(6750) CRE V</td>
<td></td>
<td>De oliveira G</td>
</tr>
<tr>
<td>724</td>
<td>(5095) CRE V</td>
<td></td>
<td>Verbeck IV G</td>
</tr>
<tr>
<td>725</td>
<td>(4748) CRE V</td>
<td></td>
<td>Golden T</td>
</tr>
<tr>
<td>726</td>
<td>(10542) CRE V</td>
<td></td>
<td>Chyan O</td>
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</tbody>
</table>

**RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.**

**CHEM 4910**  
**SPECIAL PROBLEMS**

<table>
<thead>
<tr>
<th>Section</th>
<th>CRN</th>
<th>Type</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>(5733) CRE V</td>
<td></td>
<td>Golden T</td>
</tr>
</tbody>
</table>

**CHEM 4912**  
**RESEARCH CAPSTONE**
Five Week Session One

CHEM 1360 CONTEXT OF CHEM
900 (11587) CRE 3.0 INET Tekari S
WEB-BASED INSTRUCTION.
THIS IS AN INTERNET COURSE. COURSE ENROLLMENT IS RESTRICTED AND NON-TEXAS RESIDENT STUDENTS RESIDING OUTSIDE OF THE STATE ARE NOT ELIGIBLE TO ENROLL IN THIS SECTION. CONTACT THE DEPARTMENT FOR ENROLLMENT ASSISTANCE IN AN APPROPRIATE SECTION OF THE COURSE IF APPlicable.

CHEM 1410 GEN CHEM SCI
001 (2438) CRE 3.0 MTWR 08:00 am-09:50 am TH 121
FOR SCIENCES CORE REQUIREMENT IN LABORATORY SCIENCE. MUST ALSO BE ENROLLED IN CHEM 1410.211 RECITATION. PREREQUISITE: MATH 1100 OR EQUIVALENT. SHOULD ALSO BE ENROLLED IN CHEM 1430. GEN CHEM SCI I
211 (2439) REC 0.0 M 02:00 pm-03:50 pm CHEM 106 HELP SESSION; MUST BE ENROLLED. GEN CHEM SCI I

CHEM 1430 LAB SEQ GEN CHEM
001 (10630) CRE 1.0 INET
WEB-BASED INSTRUCTION.
THIS IS AN INTERNET COURSE. COURSE ENROLLMENT IS RESTRICTED AND NON-TEXAS RESIDENT STUDENTS RESIDING OUTSIDE OF THE STATE ARE NOT ELIGIBLE TO ENROLL IN THIS SECTION. CONTACT THE DEPARTMENT FOR ENROLLMENT ASSISTANCE IN AN APPROPRIATE SECTION OF THE COURSE IF APPLICABLE.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. MUST ALSO CHOOSE A .5XX LAB SECTION. THIS LECTURE SECTION IS ENTIRELY ONLINE. PLEASE NOTE THAT THE ASSOCIATED LAB SECTIONS WILL MEET ON CAMPUS ON THE INDICATED DAYS AND TIMES.
501 (2440) LAB 0.0 TWR 09:59 am-12:50 pm LANG 314 MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
502 (2441) LAB 0.0 TWR 09:59 am-12:50 pm LANG 216 MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
503 (2442) LAB 0.0 TWR 09:59 am-12:50 pm GAB 406 MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
504 (2443) LAB 0.0 TWR 12:59 pm-03:50 pm LANG 214 MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
505 (6608) LAB 0.0 TWR 12:59 pm-03:50 pm GAB 406 MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
507 (10631) LAB 0.0 TWR 03:59 pm-06:50 pm GAB 406

CHEM 2370 ORGANIC CHEMISTRY
001 (2444) CRE 3.0 MTWR 11:00 am-12:50 pm SAGE 116 Berhe S
USUALLY TAKEN CONCURRENTLY WITH CHEM 3210. PREREQUISITE: CHEM 1415, 1420, 1422, or 1423. ORGANIC CHEMISTRY I
Also meets: F 11:00 am-12:50 pm SAGE 116 6/5/20-6/5/20

CHEM 2900 INTRO CHEM RSCH
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CHEM 2910</td>
<td>Intro Chem Rsch</td>
<td>Restricted course approval required. Contact instructor.</td>
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<tr>
<td></td>
<td></td>
<td>Multiple sections offered.</td>
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<td></td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
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<tr>
<td>CHEM 3210</td>
<td>Organic Chem Lab</td>
<td>Restricted course approval required. Contact instructor.</td>
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<tr>
<td></td>
<td></td>
<td>Multiple sections offered.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
</tr>
<tr>
<td>CHEM 3230</td>
<td>Physical Measure</td>
<td>Must also be enrolled in any Chem 3210.3XX Lab section.</td>
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<td>Must have had or be concurrently registered for Chem 2370.</td>
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<td>PREREQUISITE: CHEM 1440 and CHEM 2370 (Should be taken concurrently).</td>
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<td>MUST ALSO ENROLL IN CHEM 3230.3XX</td>
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<td></td>
<td>PREREQUISITE: CHEM 3510 or Should be taken concurrently.</td>
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<tr>
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<td></td>
<td>MUST ALSO ENROLL IN CHEM 3230.3XX</td>
</tr>
<tr>
<td>CHEM 3451</td>
<td>Quant Anyl</td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
</tr>
<tr>
<td>CHEM 3452</td>
<td>Quant Anyl Lab</td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
</tr>
<tr>
<td>CHEM 3510</td>
<td>Physical Chem</td>
<td>Must also be enrolled in Chem 3510.211</td>
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<tr>
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<td></td>
<td>Pre-requisites: Math 1720</td>
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<tr>
<td>CHEM 4900</td>
<td>Special Problems</td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
</tr>
<tr>
<td>CHEM 4910</td>
<td>Special Problems</td>
<td>Multiple sections offered.</td>
</tr>
<tr>
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<td></td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
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<tr>
<td>CHEM 4912</td>
<td>Research Capstone</td>
<td>Multiple sections offered.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Must register under 7XX section number assigned to supervising faculty member.</td>
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</table>

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
PREREQUISITE: CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION OF NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 4920   COOP ED IN CHEMISTRY
715 (2544) CRE V      Acree Jr W
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5900   SPECIAL PROBLEMS
200 (2545) CRE V      INET Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
300 (2546) CRE V      INET Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
THIS COURSE IS RESTRICTED. LIMITED TO STUDENTS RESIDING OUT-OF-STATE ONLY.
CONTACT DEPARTMENT.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
700 (2547) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

CHEM 5910   SPECIAL PROBLEMS
200 (2573) CRE V      INET Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
300 (2574) CRE V      INET Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
THIS COURSE IS RESTRICTED. LIMITED TO STUDENTS RESIDING OUT-OF-STATE ONLY.
CONTACT DEPARTMENT.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
700 (2575) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

CHEM 5920   PROB LIEU THESIS
750 (2599) CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

CHEM 5930   PROB LIEU THESIS
750 (2619) CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

CHEM 5950   THESIS
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 6010  DOCTORAL SEMINAR
700 (2668) CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6900  SPECIAL PROBLEMS
700 (2687) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 6940  INDV RESEARCH
750 (2732) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6990  POST DOC RESEARCH
750 (2783) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

Five Week Session Two

CHEM 1420  GEN CHEM SCI
001 (3551) CRE 3.0  MTWR 08:00 am-09:30 am  ENV 130
FOR SCIENCES CORE REQUIREMENT IN LABORATORY SCIENCE. MUST ALSO BE ENROLLED IN CHEM 1420.211 RECITATION. SHOULD ALSO BE ENROLLED IN CHEM 1440.

GEN CHEM SCI II
201 (3552) REC 0.0  M 02:00 pm-03:50 pm  ENV 130
HELP SESSION; STUDENT MUST BE ENROLLED.

CHEM 1440  LAB SEQ GEN CHEM
001 (10633) CRE 1.0  INET
WEB-BASED INSTRUCTION.
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MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420. MUST ALSO CHOOSE A .5XX LAB SECTION. THIS LECTURE SECTION IS ENTIRELY ONLINE. PLEASE NOTE THAT THE ASSOCIATED LAB SECTIONS WILL MEET ON CAMPUS ON THE INDICATED DAYS AND TIMES.

501 (3553) LAB 0.0  TWR 09:59 am-12:50 pm  LANG 209
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

502 (3554) LAB 0.0  TWR 09:59 am-12:50 pm  PHYS 311
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

503 (3555) LAB 0.0  TWR 09:59 am-12:50 pm  PHYS 116
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

504 (3556) LAB 0.0  TWR 12:59 pm-03:50 pm  PHYS 116
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

505 (10634) LAB 0.0  TWR 12:59 pm-03:50 pm  LANG 314
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

507 (10635) LAB 0.0  TWR 03:59 pm-06:50 pm  LANG 314
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
CHEM 2380  ORGANIC CHEMISTRY
001  (3557)  CRE 3.0  MTWR  11:00 am-12:50 pm  SAGE 116  Berhe S
USUALLY TAKEN CONCURRENTLY WITH CHEM 3220.
PREREQUISITE: CHEM 2370
ORGANIC CHEMISTRY I

CHEM 2900  INTRO CHEM RSCH
700  (3558)  CRE V
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 2910  INTRO CHEM RSCH
700  (3582)  CRE V
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 3220  ORGANIC CHEM LAB
001  (3606)  CRE 1.0  M  09:30 am-10:50 am  CURY 103  Marpu S
MUST ALSO BE ENROLLED IN ANY CHEM 3220.3XX LAB SECTION.
MUST HAVE HAD OR BE CONCURRENTLY REGISTERED FOR CHEM 2380
PREREQUISITE: CHEM 2380 (SHOULD BE TAKEN CONCURRENTLY) AND CHEM 3210
301  (3607)  LAB 0.0  TWR  08:00 am-10:50 am  LANG 212  Marpu S
302  (3608)  LAB 0.0  TWR  08:00 am-10:50 am  AUDB 218  Marpu S
303  (4743)  LAB 0.0  TWR  01:30 pm-04:20 pm  AUDB 202  Marpu S
304  (6047)  LAB 0.0  TWR  01:30 pm-04:20 pm  LANG 209  Marpu S
305  (6602)  LAB 0.0  TWR  04:30 pm-07:20 pm  AUDB 218  Marpu S
306  (10636)  LAB 0.0  TWR  04:30 pm-07:20 pm  AUDB 202  Marpu S

CHEM 3240  ADV PHYS MEASURE
001  (10123)  CRE 1.0  M  03:00 pm-04:50 pm  COL 047
PREREQUISITE: CHEM 3520 OR SHOULD BE TAKEN CONCURRENTLY.
MUST ALSO ENROLL IN CHEM 3240.3XX
301  (10124)  LAB 0.0  TWR  12:59 pm-03:50 pm  AUDB 218

CHEM 3520  PHYSICAL CHEM
001  (6705)  CRE 3.0  MTWR  09:59 am-11:50 am  PHYS 112
MUST ALSO BE ENROLLED IN CHEM 3520.211
PRE-REQUISITES: CHEM 3510
211  (6706)  REC 0.0  M  12:59 pm-02:50 pm  COL 047

CHEM 4900  SPECIAL PROBLEMS
700  (3609)  CRE V
PREREQUISITE CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 4910  SPECIAL PROBLEMS
700  (3633)  CRE V
Prerequisite Chem 3220 or equivalent and written consent of professor.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 4912  RESEARCH CAPSTONE
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
PREREQUISITE: CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION OF NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 4920  COOP ED IN CHEMISTRY

715  (3657)  CRE V  Acree Jr W
MULTIPLE SECTIONS OFFERED.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5900  SPECIAL PROBLEMS

200  (3658)  CRE V  INET Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5910  SPECIAL PROBLEMS

200  (3685)  CRE V  INET Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
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CHEM 5920  PROB LIEU THESIS

750  (3712)  CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5930  PROB LIEU THESIS
CHEM 5950  THESIS
750  (10726)  CRE V

RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6010  DOCTORAL SEMINAR
700  (3780)  CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6900  SPECIAL PROBLEMS
700  (3799)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6910  SPECIAL PROBLEMS
700  (3819)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6940  INDV RESEARCH
750  (3843)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6950  DISSERTATION
750  (3871)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6990  POST DOC RESEARCH
750  (3894)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.