## Ten Week Session

### CHEM 4900  SPECIAL PROBLEMS

<table>
<thead>
<tr>
<th>Section</th>
<th>CRN</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>001</td>
<td>5786</td>
<td>Golden T</td>
<td>05:00 pm-05:50 pm</td>
<td>CHEM 253</td>
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<td>703</td>
<td>5739</td>
<td>Omary M</td>
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<tr>
<td>709</td>
<td>5785</td>
<td>Slaughter III L</td>
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<tr>
<td>714</td>
<td>11794</td>
<td>Weber R</td>
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<tr>
<td>715</td>
<td>4445</td>
<td>Acree Jr W</td>
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<tr>
<td>717</td>
<td>11752</td>
<td>Mcafee J</td>
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<tr>
<td>719</td>
<td>5441</td>
<td>Marshall P</td>
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<tr>
<td>720</td>
<td>4749</td>
<td>Cundari T</td>
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<tr>
<td>721</td>
<td>6332</td>
<td>Kelber J</td>
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<tr>
<td>723</td>
<td>6750</td>
<td>De oliveira G</td>
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<td>724</td>
<td>5095</td>
<td>Verbeck IV G</td>
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<td>725</td>
<td>4748</td>
<td>Golden T</td>
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<tr>
<td>726</td>
<td>10542</td>
<td>Chyan O</td>
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### CHEM 4910  SPECIAL PROBLEMS

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<th>Notes</th>
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<tbody>
<tr>
<td>001</td>
<td>5733</td>
<td>Golden T</td>
<td></td>
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</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 CHEM 109
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 109
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 CHEM 131
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
502  (2441) LAB 0.0 TWR 09:59 am-12:50 pm CHEM 134
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
503  (2442) LAB 0.0 TWR 09:59 am-12:50 pm CHEM 137
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
504  (2443) LAB 0.0 TWR 12:59 pm-03:50 pm CHEM 131
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
505  (6608) LAB 0.0 TWR 12:59 pm-03:50 pm CHEM 134
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
507  (10631) LAB 0.0 TWR 03:59 pm-06:50 pm CHEM 131

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
CHEM 2910      INTRO CHEM RSCH

CHEM 3210      ORGANIC CHEM LAB

CHEM 3230      PHYSICAL MEASURE

CHEM 3451      QUANT ANYL

CHEM 3452      QUANT ANYL LAB

CHEM 3510      PHYSICAL CHEM

CHEM 4900      SPECIAL PROBLEMS

CHEM 4910      SPECIAL PROBLEMS

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 (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.

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
211 (3552) REC 0.0 M 02:00 pm-03:50 pm ENV 130
HELP SESSION; STUDENT MUST BE ENROLLED.
GEN CHEM SCI II

CHEM 1440 LAB SEQ GEN CHEM
001 (10633) 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 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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<tr>
<td>CHEM 2380</td>
<td>ORGANIC CHEMISTRY</td>
<td>001</td>
<td>MTRW</td>
<td>11:00 am-12:50 pm</td>
<td>SAGE 116</td>
<td>Berhe S</td>
<td>Usualy taken concurrently with Chem 3220. Prerequisite: Chem 2370. Organic Chemistry I.</td>
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<tr>
<td>CHEM 2900</td>
<td>INTRO CHEM RSCH</td>
<td>700</td>
<td>V</td>
<td>09:30 am-10:50 am</td>
<td>CURY 103</td>
<td>Marpu S</td>
<td>Restricted course approval required. Contact instructor. Multiple Sections offered. Must register under 7XX section number assigned to supervising faculty member.</td>
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<td>CHEM 2910</td>
<td>INTRO CHEM RSCH</td>
<td>700</td>
<td>V</td>
<td>09:30 am-10:50 am</td>
<td>CURY 103</td>
<td>Marpu S</td>
<td>Restricted course approval required. Contact instructor. Multiple Sections offered. Must register under 7XX section number assigned to supervising faculty member.</td>
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<tr>
<td>CHEM 3200</td>
<td>ORGANIC CHEM LAB</td>
<td>001</td>
<td>M</td>
<td>09:30 am-10:50 am</td>
<td>CURY 103</td>
<td>Marpu S</td>
<td>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.</td>
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<tr>
<td>CHEM 3240</td>
<td>ADV PHYS MEASURE</td>
<td>001</td>
<td>M</td>
<td>03:00 pm-04:50 pm</td>
<td>COL 047</td>
<td></td>
<td>Prerequisite: Chem 3520 or should be taken concurrently. Must also enroll in Chem 3240.3XX.</td>
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<tr>
<td>CHEM 3520</td>
<td>PHYSICAL CHEM</td>
<td>001</td>
<td>MTRW</td>
<td>09:59 am-11:50 am</td>
<td>PHYS 112</td>
<td></td>
<td>Must also be enrolled in Chem 3520.211. Prerequisites: Chem 3510.</td>
</tr>
<tr>
<td>CHEM 4900</td>
<td>SPECIAL PROBLEMS</td>
<td>700</td>
<td>V</td>
<td>12:59 pm-01:59 pm</td>
<td>AUDB 218</td>
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<td>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.</td>
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<td>CHEM 4910</td>
<td>SPECIAL PROBLEMS</td>
<td>700</td>
<td>V</td>
<td>12:59 pm-01:59 pm</td>
<td>AUDB 218</td>
<td></td>
<td>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.</td>
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<td>CHEM 4912</td>
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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.

300 (3659) 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.

700 (3660) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
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.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
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SECTION OF THE COURSE IF APPLICABLE.

300 (3686) 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.
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WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

700 (3687) CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

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 (3732)  CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

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

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

CHEM 6910    SPECIAL PROBLEMS
700 (3819)  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 (3843)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

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

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