Ten Week Session

CHEM 2900  INTRO CHEM RSCH
713  (5034)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

CHEM 4900  SPECIAL PROBLEMS
001  (6143)  CRE V
    Course Topic:  FORNSIC INTERNSHIP
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    COURSE TOPIC:  FORNSIC INTERNSHIP

703  (6095)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

709  (6142)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

715  (4703)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

719  (5795)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

720  (5033)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

721  (6750)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

723  (7278)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

724  (5389)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

725  (5032)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

726  (12367)  CRE V
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

CHEM 4910  SPECIAL PROBLEMS
001  (6089)  CRE V
    Course Topic:  FORNSIC INTERNSHIP
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.

CHEM 4912  RESEARCH CAPSTONE
001  (7053)  CRE 3.0
    Course Topic:  FORNSIC INTERNSHIP
    RESTRICTED COURSE.  APPROVAL REQUIRED.  CONTACT DEPARTMENT.
    CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.
###CHEM 1360  CONTEXT OF CHEM

<table>
<thead>
<tr>
<th>Section</th>
<th>CRN</th>
<th>Type</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>001</td>
<td>(6960)</td>
<td>3.0</td>
<td>MTWR</td>
<td>LIFE A204</td>
<td>Kinyanjui S</td>
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For Arts and Sciences Core Requirement in Laboratory Science. For Non-Science Majors Only.

###CHEM 1410  GEN CHEM SCI

<table>
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<tr>
<th>Section</th>
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<tr>
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<td>MTWR</td>
<td>ENV 130</td>
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For Arts and Sciences Core Requirement in Lab Science. Must Also Be Enrolled in Chem 1410.211 Recitation Prerequisite: Math 1100 or Equivalent. Should Also Be Enrolled in Chem 1430. Choose Any One Chem 1430.5XX Sections. Gen Chem SCI I

###CHEM 1430  LAB SEQ GEN CHEM

<table>
<thead>
<tr>
<th>Section</th>
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<th>Time</th>
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<th>Instructor</th>
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<tr>
<td>001</td>
<td>(12528)</td>
<td>1.0</td>
<td></td>
<td>INET</td>
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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.

###CHEM 2370  ORGANIC CHEMISTRY

<table>
<thead>
<tr>
<th>Section</th>
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<th>Type</th>
<th>Time</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>001</td>
<td>(2489)</td>
<td>3.0</td>
<td>MTWR</td>
<td>SAGE 116</td>
<td>Berhe S</td>
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</table>

Usually Taken Concurrently With Chem 3210. Prerequisite: Chem 1415, 1420, 1422, or 1423. Organic Chemistry I

###CHEM 2900  INTRO CHEM RSCH

<table>
<thead>
<tr>
<th>Section</th>
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<tr>
<td>700</td>
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<td>V</td>
<td></td>
<td>CRE V</td>
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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
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Registration Details</th>
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</thead>
</table>
| CHEM 3210 | Organic Chem Lab             | 001 (2538) CRE 1.0 M 09:30 am-10:50 am LIFE A304 Berhe S                              
|          |                              | MUST ALSO BE ENROLLED IN ANY CHEM 3210.3XX LAB SECTION.                                
|          |                              | MUST HAVE HAD OR BE CONCURRENTLY REGISTERED FOR CHEM 2370                             
|          |                              | PREREQUISITE: CHEM 1440 AND CHEM 2370 (SHOULD BE TAKEN CONCURRENTLY)                 |
|          |                              | 301 (2539) LAB 0.0 TWR 08:00 am-10:50 am CHEM 241 Berhe S                             
|          |                              | 302 (2540) LAB 0.0 TWR 08:00 am-10:50 am CHEM 243 Berhe S                             
|          |                              | 303 (5879) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 241 Berhe S                             
|          |                              | 304 (6403) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 243 Berhe S                             
|          |                              | 305 (12530) LAB 0.0 TWR 04:30 pm-07:20 pm CHEM 241 Berhe S                            |
| CHEM 3230 | Physical Measure            | 001 (7207) CRE 1.0 M 02:00 pm-03:50 pm PHYS 115 Mcafee J                              
|          |                              | PREREQUISITE: CHEM 3510 OR SHOULD BE TAKEN CONCURRENTLY.                              
|          |                              | MUST ALSO ENROLL IN CHEM 3230.3XX                                                    |
|          |                              | 301 (7208) LAB 0.0 TWR 12:59 pm-03:50 pm CHEM 280 Mcafee J                            |
| CHEM 3510 | Physical Chem               | 001 (7205) CRE 3.0 MTWR 09:59 am-11:50 am CURY 110 Mcafee J                           
|          |                              | MUST ALSO BE ENROLLED IN CHEM 3510.211                                              |
|          |                              | PRE-REQUISITES: MATH 1720                                                             |
|          |                              | 211 (7206) REC 0.0 M 12:59 pm-02:50 pm CURY 210 Mcafee J                             |
| CHEM 4900 | Special Problems            | 700 (2541) CRE V PREREQUISITE CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR |
|          |                              | MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.        |
|          |                              | RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.                             |
| CHEM 4910 | Special Problems            | 700 (2565) CRE V Prerequisite Chem 3220 or equivalent and written consent of professor. |
|          |                              | MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.        |
|          |                              | RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.                             |
| CHEM 4912 | Research Capstone           | 700 (7003) CRE 3.0 RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.         |
|          |                              | PREREQUISITE: CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.              |
|          |                              | MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.        |
|          |                              | RESTRICTED COURSE APPROVAL REQUIRED. CONTACT DEPARTMENT.                             |
| CHEM 4920 | Coop Ed in Chemistry        | 715 (2589) CRE V RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.           |
|          |                              | ACREE JR W                                                                           |
| CHEM 5900 | Special Problems            | 200 (2590) CRE V INET RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.      |
|          |                              | CONTACT INSTRUCTOR AT TGOOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.              |
|          |                              | WEB-BASED INSTRUCTION.                                                                |
|          |                              | RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.                             |
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE. THIS IS COURSE RESTRICTED. LIMITED TO STUDENTS RESIDING OUT-OF-STATE ONLY. CONTACT DEPARTMENT.

WEB-BASED INSTRUCTION.

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

MULTIPLE SECTIONS OFFERED.

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

CHEM 5910 SPECIAL PROBLEMS

CHEM 5920 PROB LIEU THESIS

CHEM 5930 PROB LIEU THESIS

CHEM 5950 THESIS

CHEM 6010 DOCTORAL SEMINAR

CHEM 6900 SPECIAL PROBLEMS

CHEM 6910 SPECIAL PROBLEMS

CHEM 6940 INDV RESEARCH
CHEM 6950     DISSERTATION
750  (2805)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6990     POST DOC RESEARCH
750  (2828)  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  (3697)  CRE 3.0  MTWR  08:00 am-09:50 am  MATT 311  Petros A
FOR ARTS AND SCIENCES CORE REQUIREMENT IN LAB SCIENCE.
SHOULD ALSO BE ENROLLED IN CHEM 1440.
MUST ALSO BE ENROLLED IN CHEM 1420.211
GEN CHEM SCI II
211  (3698)  REC 0.0  M  02:00 pm-03:50 pm  MATT 311  Petros A
HELP SESSION; STUDENT MUST BE ENROLLED.
GEN CHEM SCI II

CHEM 1440     LAB SEQ GEN CHEM
001  (12533)  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  (3699)  LAB 0.0  TWR  09:59 am-12:50 pm  CHEM 131  Petros A
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
502  (3700)  LAB 0.0  TWR  09:59 am-12:50 pm  CHEM 134  Petros A
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
ALSO MEETS T/WR 10:00AM- 10:50AM IN CHEM 352.
503  (3701)  LAB 0.0  TWR  09:59 am-12:50 pm  CHEM 137  Petros A
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
ALSO MEETS T/WR 10:00AM- 10:50AM IN CHEM 352.
504  (3702)  LAB 0.0  TWR  12:59 pm-03:50 pm  CHEM 131  Petros A
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
505  (12534)  LAB 0.0  TWR  12:59 pm-03:50 pm  CHEM 134  Petros A
506  (7224)  LAB 0.0  TWR  12:59 pm-03:50 pm  CHEM 137  Petros A
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
ALSO MEETS T/WR 10:00AM- 10:50AM IN CHEM 352.

CHEM 2380     ORGANIC CHEMISTRY
001  (3703)  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  (3704)  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
CRE V 700 (3728) 
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 (3752) CRE 1.0 M 09:30 am-10:50 am LIFE A204 Berhe 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 (3753) LAB 0.0 TWR 08:00 am-10:50 am CHEM 241 Berhe S
302 (3754) LAB 0.0 TWR 08:00 am-10:50 am CHEM 243 Berhe S
303 (5027) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 241 Berhe S
304 (6404) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 243 Berhe S
305 (7061) LAB 0.0 TWR 04:30 pm-07:20 pm CHEM 241 Berhe S

CHEM 3240 ADV PHYS MEASURE
001 (11580) CRE 1.0 M 02:00 pm-03:50 pm COL 047 Weber R
PREREQUISITE: CHEM 3520 OR SHOULD BE TAKEN CONCURRENTLY.
MUST ALSO ENROLL IN CHEM 3240.3XX
301 (11581) LAB 0.0 TWR 12:59 pm-03:50 pm CHEM 280 Weber R

CHEM 3520 PHYSICAL CHEM
001 (7222) CRE 3.0 MTWR 09:59 am-11:50 am CURY 210 Weber R
MUST ALSO BE ENROLLED IN CHEM 3520.211
PRE-REQUISITES: CHEM 3510
211 (7223) REC 0.0 M 12:59 pm-02:50 pm CURY 210 Weber R

CHEM 4900 SPECIAL PROBLEMS
700 (3755) 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 (3779) 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
700 (7028) CRE 3.0
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
PREREQUISITE: CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 4920 COOP ED IN CHEMISTRY
715 (3803) CRE V Acree Jr W
MULTIPLE SECTIONS OFFERED.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5900 SPECIAL PROBLEMS
200 (3804) 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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WEB-BASED INSTRUCTION.

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

CHEM 5910 SPECIAL PROBLEMS

CHEM 5920 PROB LIEU THESIS

CHEM 5930 PROB LIEU THESIS

CHEM 5950 THESIS

CHEM 6010 DOCTORAL SEMINAR

CHEM 6900 SPECIAL PROBLEMS

CHEM 6910 SPECIAL PROBLEMS

CHEM 6940 INDV RESEARCH
750  (3989)  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  (4017)  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  (4040)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.