**CHEM/Chemistry**

### Ten Week Session

#### CHEM 2900 INTRO CHEM RSCH

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<thead>
<tr>
<th>Section</th>
<th>CRN</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>703</td>
<td>13600</td>
<td>Omary M</td>
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<tr>
<td>713</td>
<td>5185</td>
<td>Schwartz M</td>
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RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT. RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

#### CHEM 4900 SPECIAL PROBLEMS

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<tr>
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<tr>
<td>001</td>
<td>6337</td>
<td>Golden T</td>
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Course Topic: FORENSIC INTERNSHIP

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT. COURSE TOPIC: FORENSIC INTERNSHIP.

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<td>709</td>
<td>6336</td>
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<tr>
<td>715</td>
<td>4851</td>
<td>Acree Jr W</td>
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<tr>
<td>719</td>
<td>5964</td>
<td>Marshall P</td>
</tr>
<tr>
<td>720</td>
<td>5184</td>
<td>Cundari T</td>
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<tr>
<td>721</td>
<td>6949</td>
<td>Kelber J</td>
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<tr>
<td>723</td>
<td>7535</td>
<td>Golden T</td>
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<tr>
<td>724</td>
<td>5551</td>
<td>Verbeck IV G</td>
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<tr>
<td>725</td>
<td>13601</td>
<td>Chyan O</td>
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RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT. RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

#### CHEM 4910 SPECIAL PROBLEMS

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Course Topic: FORENSIC INTERNSHIP

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

#### CHEM 4912 RESEARCH CAPSTONE
Course Topic: FORENSIC INTERNSHIP

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.

CHEM 5900
SPECIAL PROBLEMS

RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

Five Week Session One

CHEM 1360
CONTEXT OF CHEM

FOR ARTS AND SCIENCES CORE REQUIREMENT IN LABORATORY SCIENCE.
FOR NON-SCIENCE MAJORS ONLY.

CHEM 1410
GEN CHEM SCI
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

CHEM 1430
LAB SEQ GEN CHEM
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
ALSO MEETS T/W/R FROM 10:00-10:50AM IN CHEM 352.

CHEM 1340
LAB SEQ GEN CHEM
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
CHEM 137TWR Browning CCRE 1.0 10:00 am-12:50 pm
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
ALSO MEETS T/W/R FROM 10:00-10:50AM IN CHEM 352.
ALSO MEETS T/W/R 2:00-2:50PM IN CHEM 352.
Also meets: TWR 10:00 am-10:50 am NO ASSGN 6/5/17-7/7/17
Also meets: F 10:00 am-12:50 pm CHEM 137 6/9/17-6/9/17
Also meets: F 10:00 am-10:50 am NO ASSGN 6/9/17-6/9/17

CHEM 2370 ORGANIC CHEMISTRY
001 (2604) 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 6/9/17-6/9/17

CHEM 2900 INTRO CHEM RSCH
700 (2605) 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 (2629) CRE V
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
multiple sections offered.
must register under 7xx section number assigned to supervising faculty member.

CHEM 3210 ORGANIC CHEM LAB
001 (2653) CRE 1.0 M 09:30 am-10:50 am CURY 103 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)
Also meets: F 08:00 am-10:50 am CHEM 241 6/9/17-6/9/17

CHEM 3230 PHYSICAL MEASURE
001 (7458) CRE 1.0 M 02:00 pm-02:50 pm GAB 406 McAfee J
PREREQUISITE: CHEM 3510 OR SHOULD BE TAKEN CONCURRENTLY.
must also enroll in CHEM 3230.3XX
CHEM 280  PHYSICAL CHEM
001  (7456)  CRE 3.0  MTWR  10:00 am-11:50 am  CURY 210  Mcafee J
MUST ALSO BE ENROLLED IN CHEM 3510.211
PRE-REQUISITES: MATH 1720
Also meets: F  10:00 am-11:50 am CURY 110  6/ 9/17-6/ 9/17

CHEM 3510  PHYSICAL CHEM
001  (7457)  REC 0.0  M  01:00 pm-01:50 pm  CURY 210  Mcafee J

CHEM 4900  SPECIAL PROBLEMS
700  (2656)  CRE V
PREREQUISITE CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

CHEM 4910  SPECIAL PROBLEMS
700  (2680)  CRE V
Prerequisite Chem 3220 or equivalent and written consent of professor.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

CHEM 4912  RESEARCH CAPSTONE
700  (7239)  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  (2704)  CRE V  Acree Jr W

CHEM 5900  SPECIAL PROBLEMS
200  (2705)  CRE V  Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

300  (2706)  CRE V  INET  Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
THIS COURSE RESTRICTED. LIMITED TO STUDENTS RESIDING OUT-OF-STATE ONLY. CONTACT
DEPARTMENT.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

700  (2707)  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  (2733)  CRE V  Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
CHEM 5920      PROB LIEU THESIS
750 (2759)   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
750 (2779)   CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5950      THESIS
750 (2803)   CRE V
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 (2828)   CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6900      SPECIAL PROBLEMS
700 (2847)   CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6910      SPECIAL PROBLEMS
700 (2867)   CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6940      INDV RESEARCH
750 (2892)   CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6950      DISSERTATION
750 (2920)   CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6990      POST DOC RESEARCH
750 (2943)   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
CHEM 109MTWR Petros ACRE 3.0 08:00 am-09:50 am001 (3827)
FOR ARTS AND SCIENCES CORE REQUIREMENT IN LAB SCIENCE.
MUST ALSO BE ENROLLED IN CHEM 1440.
MUST ALSO BE ENROLLED IN CHEM 1420.211
GEN CHEM SCI II

CHEM 1440 LAB SEQ GEN CHEM

CHEM 131TWR Petros ACRE 1.0 10:00 am-12:50 pm501 (3829)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
Also meets: TWR 10:00 am-10:50 am CHEM 352  7/10/17-8/11/17

CHEM 134TWR Petros ACRE 1.0 10:00 am-12:50 pm502 (3830)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
ALSO MEETS T/W/R 10:00AM- 10:50AM IN CHEM 352.
Also meets: TWR 10:00 am-10:50 am NO ASSGN  7/10/17-8/11/17

CHEM 137TWR Petros ACRE 1.0 10:00 am-12:50 pm503 (3831)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
ALSO MEETS T/W/R 10:00AM- 10:50AM IN CHEM 352.
Also meets: TWR 10:00 am-10:50 am NO ASSGN  7/10/17-8/11/17

CHEM 134TWR Petros ACRE 1.0 02:00 pm-04:50 pm504 (3832)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
Also meets: TWR 02:00 pm-02:50 pm CHEM 352  7/10/17-8/11/17

CHEM 137TWR Petros ACRE 1.0 02:00 pm-04:50 pm505 (7017)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
ALSO MEETS T/W/R 2:00PM- 2:50PM IN CHEM 352.
Also meets: TWR 02:00 pm-02:50 pm NO ASSGN  7/10/17-8/11/17

CHEM 2380 ORGANIC CHEMISTRY

CHEM 2900 INTRO CHEM RSCH

CHEM 2910 INTRO CHEM RSCH

CHEM 3220 ORGANIC CHEM LAB
CHEM 3240       ADV PHYS MEASURE

001 (12454)  CRE 1.0  M    02:00 pm-02:50 pm  GAB 406  Mcafee J
PREREQUISITE: CHEM 3520 OR SHOULD BE TAKEN CONCURRENTLY.
MUST ALSO ENROLL IN CHEM 3240.3XX

CHEM 3520       PHYSICAL CHEM

001 (7478)    CRE 3.0  MTWR 10:00 am-11:50 am  CURY 211  Mcafee J
MUST ALSO BE ENROLLED IN CHEM 3520.211
PRE-REQUISITES: CHEM 3510

CHEM 4900       SPECIAL PROBLEMS

700 (3885)    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 (3909)    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 (7264)    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 (3933)    CRE V  Acree Jr W
MULTIPLE SECTIONS OFFERED.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5900       SPECIAL PROBLEMS

200 (3934)    CRE V  Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

300 (3935)    CRE V  INET  Golden T
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
THIS COURSE RESTRICTED. LIMITED TO STUDENTS RESIDING OUT-OF-STATE ONLY. CONTACT DEPARTMENT.
WEB-BASED INSTRUCTION.
Chem 5910  Special Problems
200 (3961) CRE V  Golden T
Contact instructor at tgolden@unt.edu for material necessary for course.
Web-based instruction.
Restricted course. Approval required. Contact department.

Chem 5990  Special Problems
300 (3962) CRE V  Golden T
Contact instructor at tgolden@unt.edu for material necessary for course.
This course restricted. Limited to students residing out-of-state only. Contact department.
Web-based instruction.
Restricted course. Approval required. Contact department.

Chem 5990  Special Problems
700 (3963) 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 (3988) 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
750 (4008) 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
754 (6741) CRE V
Restricted course. Approval required. Contact department.

Chem 6010  Doctoral Seminar
700 (4056) 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 (4075) 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 (4095) 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 (4119) 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
CHEM 6990    POST DOC RESEARCH

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