# Ten Week Session

**CHEM 2900**  
INTRO CHEM RSCH  
713 (4941)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM  
Schwartz M

**CHEM 4900**  
SPECIAL PROBLEMS  
001 (6019)  
CRE V  
M  
05:00 pm-05:50 pm  
CHEM 253  
Course Topic: FORENSIC INTERNSHIP  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
COURSE TOPIC: FORENSIC INTERNSHIP  
Golden T

003 (5971)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Omary M

009 (6018)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Slaughter III L

015 (4627)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Acree Jr W

017 (12906)  
CRE 3.0  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
Mcafee J

019 (5672)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Marshall P

020 (4940)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Cundari T

021 (6583)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Kelber J

023 (7080)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
De oliveira G

024 (5296)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Verbeck IV G

025 (4939)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Golden T

026 (11191)  
CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.  
Chyan O

**CHEM 4910**  
SPECIAL PROBLEMS  
001 (5965)  
CRE V  
Course Topic: FORENSIC INTERNSHIP  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
Golden T

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

CHEM 1360  CONTEXT OF CHEM
001 (6782) CRE 3.0  MTWR 08:00 am-09:50 am  CURY 104  Kinyanjui S
FOR SCIENCES CORE REQUIREMENT IN LABORATORY SCIENCE. FOR NON-SCIENCE MAJORS ONLY.
900 (12704) CRE 3.0  INET  Tekarl 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 (2475) 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 (2476) 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 (11309) 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 (2477) LAB 0.0  TWR 09:59 am-12:50 pm  CHEM 131
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
502 (2478) LAB 0.0  TWR 09:59 am-12:50 pm  CHEM 134
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
503 (2479) LAB 0.0  TWR 09:59 am-12:50 pm  CHEM 137
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
504 (2480) LAB 0.0  TWR 12:59 pm-03:50 pm  CHEM 131
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
505 (6887) LAB 0.0  TWR 12:59 pm-03:50 pm  CHEM 134
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
506 (12161) LAB 0.0  TWR 12:59 pm-03:50 pm  CHEM 137
507 (11310) LAB 0.0  TWR 03:59 pm-06:50 pm  CHEM 131

CHEM 2370  ORGANIC CHEMISTRY
001 (2481) 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 6/7/19-6/7/19

CHEM 2900  INTRO CHEM RSCH
<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
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<th>Location</th>
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<td>CHEM 2910</td>
<td>INTRO CHEM RSCH</td>
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<td>CHEM 3210</td>
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<td>CHEM 3230</td>
<td>PHYSICAL MEASURE</td>
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<td>PHYSICAL CHEM</td>
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<td>CHEM 4910</td>
<td>SPECIAL PROBLEMS</td>
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<td>CHEM 4912</td>
<td>RESEARCH CAPSTONE</td>
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**Prerequisites and Notes:**
- RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.
- MULTIPLE SECTIONS OFFERED.
- MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
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 (2581) CRE V  Acree Jr W
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5900  SPECIAL PROBLEMS
200 (2582) 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 (2610) 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 5920  PROB LIEU THESIS
750 (2636) 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 (2656) 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
750 (2680) 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 (2705)  CRE 3.0
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6900  SPECIAL PROBLEMS
700 (2724)  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 (2744)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6940  INDV RESEARCH
750 (2769)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6950  DISSERTATION
750 (2797)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6990  POST DOC RESEARCH
750 (2820)  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 (3646)  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 1420.211 RECITATION. SHOULD ALSO BE ENROLLED IN CHEM 1440.
GEN CHEM SCI II
211 (3647)  REC 0.0  M  02:00 pm-03:50 pm  CHEM 109
HELP SESSION; STUDENT MUST BE ENROLLED.
GEN CHEM SCI II

CHEM 131TWR LAB 0.0 09:59 am-12:50 pm 501 (3648)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

CHEM 134TWR LAB 0.0 09:59 am-12:50 pm 502 (3649)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

CHEM 137TWR LAB 0.0 09:59 am-12:50 pm 503 (3650)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

CHEM 131TWR LAB 0.0 12:59 pm-03:50 pm 504 (3651)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

CHEM 134TWR LAB 0.0 12:59 pm-03:50 pm 505 (11315)
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.

CHEM 2380  ORGANIC CHEMISTRY

001  (3652)  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  (3653)  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  (3677)  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  (3701)  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

CHEM 3240  ADV PHYS MEASURE

001  (10678)  CRE  1.0  M  03:00 pm-04:50 pm  CHEM 352  Mcafee J
PREREQUISITE: CHEM 3520 OR SHOULD BE TAKEN CONCURRENTLY.
MUST ALSO ENROLL IN CHEM 3240.3XX

CHEM 3520  PHYSICAL CHEM

001  (7031)  CRE  3.0  MTWR  09:59 am-11:50 am  PHYS 115  Mcafee J
MUST ALSO BE ENROLLED IN CHEM 3520.211
PRE-REQUISITES: CHEM 3510

CHEM 4900  SPECIAL PROBLEMS

700  (3704)  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  (3728)  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 (3752) CRE V Acree Jr W
MULTIPLE SECTIONS OFFERED.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5900 SPECIAL PROBLEMS

200 (3753) CRE V INET Golden T
CONTACT INSTRUCTOR AT TGD sole @UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5910 SPECIAL PROBLEMS

200 (3780) CRE V INET Golden T
CONTACT INSTRUCTOR AT TGD sole @UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.
WEB-BASED INSTRUCTION.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
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 5920 PROB LIEU THESIS

750 (3807) 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 (3827) 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
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

CHEM 6010   DOCTORAL SEMINAR
700 (3875)  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 (3894)  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 (3914)  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
700 (3938)  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
700 (3966)  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
700 (3989)  CRE V
MULTIPLE SECTIONS OFFERED.
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.