

# Chemistry

## CHEM/Chemistry

### Ten Week Session

#### **CHEM 2900 INTRO CHEM RSCH**

713 (12018) CRE V Schwartz M  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

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

001 (15652) CRE V Golden T  
Course Topic: FORENSIC INTERNSHIP  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
COURSE TOPIC: FORENSIC INTERNSHIP

703 (15503) CRE V Omary M  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

709 (15646) CRE V Slaughter III L  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

715 (11017) CRE V Acree Jr W  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

719 (14525) CRE V Marshall P  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

720 (12015) CRE V Cundari T  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

721 (17671) CRE V Kelber J  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

723 (19733) CRE V De oliveira G  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

724 (13201) CRE V Verbeck IV G  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM.

725 (12012) CRE V Golden T  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
RESTRICTED FOR TAMS SUMMER RESEARCH SCHOLARSHIP PROGRAM

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

001 (15485) CRE V Golden T  
Course Topic: FORENSIC INTERNSHIP  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

#### **CHEM 4912 RESEARCH CAPSTONE**

001 (18764) CRE 3.0 Golden T  
Course Topic: FORENSIC INTERNSHIP  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.  
CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.

#### **CHEM 5900 SPECIAL PROBLEMS**

725 (19640) CRE V Golden T  
RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

## Five Week Session One

### CHEM 1360      CONTEXT OF CHEM

001	(18405)	CRE 3.0	MTWR	08:00 am-09:50 am	ENV 125	Kinyanjui S
FOR ARTS AND SCIENCES CORE REQUIREMENT IN LABORATORY SCIENCE. FOR NON-SCIENCE MAJORS ONLY. MUST ALSO BE ENROLLED IN CHEM 1360.3XX LAB SECTION. Also meets: F 08:00 am-09:50 am BLB 010 6/10/16-6/10/16						
301	(18408)	LAB 0.0	TWR	10:00 am-11:50 am	CHEM 245	Kinyanjui S
302	(18411)	LAB 0.0	TWR	12:00 pm-01:50 pm	CHEM 245	Kinyanjui S
303	(18414)	LAB 0.0	TWR	04:00 pm-05:50 pm	CHEM 245	Kinyanjui S
304	(18416)	LAB 0.0	TWR	02:00 pm-03:50 pm	CHEM 245	Kinyanjui S

### CHEM 1410      GEN CHEM SCI

001	(3859)	CRE 3.0	MTWR	08:00 am-09:50 am	SAGE 116	Slaughter III L
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 Also meets: F 08:00 am-09:50 am SAGE 116 6/10/16-6/10/16						
211	(3860)	REC 0.0	M	02:00 pm-03:50 pm	SAGE 116	Slaughter III L
HELP SESSION; MUST BE ENROLLED. GEN CHEM SCI I						

### CHEM 1430      LAB SEQ GEN CHEM

501	(3861)	CRE 1.0	TWR	10:00 am-12:50 pm	CHEM 131	Browning C
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. Also meets: TWR 10:00 am-10:50 am CHEM 352 6/ 6/16-7/ 8/16						
502	(3862)	CRE 1.0	TWR	10:00 am-12:50 pm	CHEM 134	Browning C
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. ALSO MEETS: TWR 10:00AM - 10:50AM IN CHEM 352 Also meets: TWR 10:00 am-10:50 am NO ASSGN 6/ 6/16-7/ 8/16						
503	(3863)	CRE 1.0	TWR	02:00 pm-04:50 pm	CHEM 131	Browning C
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. ALSO MEETS: TWR 2:00PM - 2:50 PM IN CHEM 352 Also meets: TWR 02:00 pm-02:50 pm CHEM 352 6/ 6/16-7/ 8/16						
504	(3864)	CRE 1.0	TWR	02:00 pm-04:50 pm	CHEM 134	Browning C
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. ALSO MEETS: TWR 2:00P-2:50P IN CHEM 352 Also meets: TWR 02:00 pm-02:50 pm NO ASSGN 6/ 6/16-7/ 8/16						
505	(18821)	CRE 1.0	TWR	10:00 am-12:50 pm	CHEM 137	Browning C
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. ALSO MEETS: TWR 10:00AM - 10:50AM IN CHEM 352 Also meets: TWR 10:00 am-10:50 am NO ASSGN 6/ 6/16-7/ 8/16						
506	(19712)	CRE 1.0	TWR	02:00 pm-04:50 pm	CHEM 137	Browning C
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410. ALSO MEETS: TWR 2:00PM - 2:50PM IN CHEM 352. Also meets: TWR 02:00 pm-02:50 pm NO ASSGN 6/ 6/16-7/ 8/16						

### CHEM 2370      ORGANIC CHEMISTRY

001 (3865) 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 6/10/16-6/10/16

**CHEM 2900 INTRO CHEM RSCH**

700 (3866) 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 (3890) 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 (3914) CRE 1.0 M 09:30 am-10:50 am ENV 130 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 09:30 am-10:50 am ENV 130 6/10/16-6/10/16

301 (3915) LAB 0.0 TWR 08:00 am-10:50 am CHEM 241 Berhe S

302 (3916) LAB 0.0 TWR 08:00 am-10:50 am CHEM 243 Berhe S

303 (14779) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 241 Berhe S

304 (16454) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 243 Berhe S

305 (18792) LAB 0.0 TWR 04:30 pm-07:20 pm CHEM 241 Berhe S

306 (19416) LAB 0.0 TWR 04:30 pm-07:20 pm CHEM 243 Berhe S

**CHEM 3230 PHYSICAL MEASURE**

001 (19331) CRE 1.0 M 02:00 pm-02:50 pm CHEM 253 Tenney S  
PREREQUISITE: CHEM 3510 OR SHOULD BE TAKEN CONCURRENTLY.  
MUST ALSO ENROLL IN CHEM 3230.3XX  
Also meets: F 02:00 pm-02:50 pm CHEM 253 6/10/16-6/10/16

301 (19334) LAB 0.0 TWR 02:00 pm-04:50 pm CHEM 280 Tenney S

**CHEM 3510 PHYSICAL CHEM**

001 (19325) CRE 3.0 MTWR 10:00 am-11:50 am ENV 190 Weber R  
MUST ALSO BE ENROLLED IN CHEM 3510.211  
PRE-REQUISITES: MATH 1720  
Also meets: F 10:00 am-11:50 am ENV 190 6/10/16-6/10/16

211 (19328) REC 0.0 M 01:00 pm-01:50 pm CURY 210 Weber R

**CHEM 3996 HONORS RESEARCH**

001 (19757) CRE 3.0 Golden T

**CHEM 4900 SPECIAL PROBLEMS**

700 (3917) 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 (3941) 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 (18615) 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 OF NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 4920 COOP ED IN CHEMISTRY**

715 (3965) CRE V

Acree Jr W

**CHEM 5900 SPECIAL PROBLEMS**

200 (3966) CRE V

INET

Golden T

CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.

WEB BASED INSTRUCTION. VISIT ONLINE.UNT.EDU FOR DETAILS.

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

300 (3967) 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. VISIT ONLINE.UNT.EDU FOR DETAILS.

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

700 (3968) 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 (3994) CRE V

INET

Golden T

CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.

WEB BASED INSTRUCTION. VISIT ONLINE.UNT.EDU FOR DETAILS.

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

300 (3995) 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. VISIT ONLINE.UNT.EDU FOR DETAILS.

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

700 (3996) 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 (4020) 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 (4040) 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 (4064) 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 (4089) CRE 3.0  
MULTIPLE SECTIONS OFFERED.  
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 6900 SPECIAL PROBLEMS**

700 (4108) 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 (4780) CRE V  
MULTIPLE SECTIONS OFFERED.  
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 6940 INDV RESEARCH**

750 (4855) CRE V  
MULTIPLE SECTIONS OFFERED.  
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 6950 DISSERTATION**

750 (4939) CRE V  
MULTIPLE SECTIONS OFFERED.  
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 6990 POST DOC RESEARCH**

750 (5006) 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 (7793) CRE 3.0 MTWR 08:00 am-09:50 am SAGE 116 Kinyanjui S  
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 (7796) REC 0.0 M 02:00 pm-03:50 pm SAGE 116 Kinyanjui S  
HELP SESSION; STUDENT MUST BE ENROLLED.  
GEN CHEM SCI II

**CHEM 1440 LAB SEQ GEN CHEM**

501 (7799) CRE 1.0 TWR 10:00 am-12:50 pm CHEM 131 Browning C  
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.  
Also meets: TWR 10:00 am-10:50 am CHEM 352 7/11/16-8/12/16

502 (7802) CRE 1.0 TWR 10:00 am-12:50 pm CHEM 134 Browning C  
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.  
Also meets: TWR 10:00 am-10:50 am NO ASSGN 7/11/16-8/12/16

503 (7805) CRE 1.0 TWR 10:00 am-12:50 pm CHEM 137 Browning C  
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.  
Also meets: TWR 10:00 am-10:50 am NO ASSGN 7/11/16-8/12/16

504 (7808) CRE 1.0 TWR 02:00 pm-04:50 pm CHEM 134 Browning C  
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.  
Also meets: TWR 02:00 pm-02:50 pm CHEM 352 7/11/16-8/12/16

505 (17876) CRE 1.0 TWR 02:00 pm-04:50 pm CHEM 131 Browning C  
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.  
Also meets: TWR 02:00 pm-02:50 pm NO ASSGN 7/11/16-8/12/16

506 (19419) CRE 1.0 TWR 02:00 pm-04:50 pm CHEM 137 Browning C  
SHOULD HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1420.  
Also meets: TWR 02:00 pm-02:50 pm NO ASSGN 7/11/16-8/12/16

**CHEM 2380 ORGANIC CHEMISTRY**

001 (7811) 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 (7814) 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 (7886) 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 (7957) CRE 1.0 M 09:30 am-10:50 am ENV 130 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 (7960) LAB 0.0 TWR 08:00 am-10:50 am CHEM 241 Berhe S

302 (7963) LAB 0.0 TWR 08:00 am-10:50 am CHEM 243 Berhe S

303 (11997) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 241 Berhe S

304 (16457) LAB 0.0 TWR 01:30 pm-04:20 pm CHEM 243 Berhe S

305 (18790) LAB 0.0 TWR 04:30 pm-07:20 pm CHEM 241 Berhe S

306 (19715) LAB 0.0 TWR 04:30 pm-07:20 pm CHEM 243 Berhe S

**CHEM 3240 ADV PHYS MEASURE**

001 (25321) CRE 1.0 M 02:00 pm-02:50 pm CHEM 253 Tenney S  
PREREQUISITE: CHEM 3520 OR SHOULD BE TAKEN CONCURRENTLY.  
MUST ALSO ENROLL IN CHEM 3240.3XX

301 (25322) LAB 0.0 TWR 02:00 pm-04:50 pm CHEM 280 Tenney S

**CHEM 3520 PHYSICAL CHEM**

001 (19407) CRE 3.0 MTWR 10:00 am-11:50 am ENV 190 Weber R  
MUST ALSO BE ENROLLED IN CHEM 3520.211  
PRE-REQUISITES: CHEM 3510

211 (19410) REC 0.0 M 01:00 pm-01:50 pm ENV 190 Weber R

**CHEM 4900 SPECIAL PROBLEMS**

700 (7966) 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 (8037) 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 (18687) 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 OF NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 4920 COOP ED IN CHEMISTRY**

715 (8109) CRE V Acree Jr W  
MULTIPLE SECTIONS OFFERED.  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

**CHEM 5900 SPECIAL PROBLEMS**

200 (8112) CRE V INET Golden T  
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.  
WEB BASED INSTRUCTION. VISIT ONLINE.UNT.EDU FOR DETAILS.  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

300 (8115) 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. VISIT ONLINE.UNT.EDU FOR DETAILS.

700 (8118) 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 (8193) CRE V INET Golden T  
CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIAL NECESSARY FOR COURSE.  
WEB BASED INSTRUCTION. VISIT ONLINE.UNT.EDU FOR DETAILS.  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

300 (8196) 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. VISIT ONLINE.UNT.EDU FOR DETAILS.  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

700 (8199) 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 (8274) 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 (8334) 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 (16907) CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

**CHEM 6010            DOCTORAL SEMINAR**

700 (8477) 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 (8534) CRE V  
MULTIPLE SECTIONS OFFERED.  
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

727 (17803) CRE V  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

D'souza F

**CHEM 6910            SPECIAL PROBLEMS**

700 (8594) 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 (8665) 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 (8749) 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 (8818) CRE V  
MULTIPLE SECTIONS OFFERED.  
MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.  
RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.