# Chemistry

<table>
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<tr>
<th>COURSE</th>
<th>SECTION</th>
<th>TYPE</th>
<th>CRN</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>CHEM 1360</td>
<td>001</td>
<td>TR</td>
<td>(10191)</td>
<td>3.0</td>
<td>09:30 am-10:50 am</td>
<td>CURY 203</td>
<td>Kinyanjui S</td>
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<tr>
<td></td>
<td>002</td>
<td>MWF</td>
<td>(10192)</td>
<td>3.0</td>
<td>09:59 am-10:50 am</td>
<td>GAB 105</td>
<td>Kinyanjui S</td>
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<tr>
<td></td>
<td>003</td>
<td>TR</td>
<td>(10193)</td>
<td>3.0</td>
<td>08:00 am-09:20 am</td>
<td>LIFE A117</td>
<td>Stephens T</td>
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<td></td>
<td>004</td>
<td>MWF</td>
<td>(14513)</td>
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<td>02:00 pm-02:50 pm</td>
<td>CHEM 109</td>
<td>Kinyanjui S</td>
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<td>CHEM 1410</td>
<td>001</td>
<td>MWF</td>
<td>(7807)</td>
<td>3.0</td>
<td>11:00 am-11:50 am</td>
<td>SAGE 116</td>
<td>Weber R</td>
</tr>
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<td>002</td>
<td>TR</td>
<td>(11359)</td>
<td>3.0</td>
<td>11:00 am-12:20 pm</td>
<td>SAGE 116</td>
<td>Weber R</td>
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<td>003</td>
<td>MW</td>
<td>(13623)</td>
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<td>06:00 pm-07:20 pm</td>
<td>SAGE 116</td>
<td>Broadway S</td>
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<tr>
<td>CHEM 1420</td>
<td>001</td>
<td>TR</td>
<td>(7809)</td>
<td>3.0</td>
<td>11:00 am-12:20 pm</td>
<td>LIFE A117</td>
<td>Kelber J</td>
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<td>002</td>
<td>MWF</td>
<td>(7810)</td>
<td>3.0</td>
<td>12:00 pm-12:50 pm</td>
<td>LIFE A117</td>
<td>Mcafee J</td>
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<tr>
<td></td>
<td>003</td>
<td>MWF</td>
<td>(7811)</td>
<td>3.0</td>
<td>11:00 am-11:50 am</td>
<td>LIFE A117</td>
<td>Petros A</td>
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MUST BE ENROLLED IN CHEM 1420.241 FOR ARTS AND SCIENCES COR REQUIREMENTS IN LABORATORY SCIENCE. SHOULD ALSO BE ENROLLED IN CHEM 1440 LAB. PREREQUISITE: CHEM 1410 OR EQUIVALENT.

MUST BE ENROLLED IN CHEM 1420.251 FOR ARTS & SCIENCES CORE REQUIREMENTS IN LABORATORY SCIENCE.

SHOULD BE ENROLLED IN CHEM 1440 LAB. PREREQUISITE: CHEM 1410 OR EQUIVALENT.

SHOULD ALSO BE ENROLLED IN CHEM 1440. SHOULD ALSO BE ENROLLED IN CHEM 1440.006 THROUGH .011 ALONG WITH CORRESPONDING 1440 LAB.

PREREQUISITE: CHEM 1410.

HONORS CHEMISTRY.  SHOULD ALSO BE ENROLLED IN CHEM 1440.

CHOOSE FROM 1440.006 THROUGH .011 ALONG WITH CORRESPONDING 1440 LAB.

PREREQUISITE: CHEM 1410.

WEBSITE-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.

THIS LECTURE SECTION IS ENTIRELY ONLINE. PLEASE NOTE THAT THE ASSOCIATED LAB WILL MEET ON CAMPUS ON THE INDICATED DAYS AND TIMES. MUST ALSO CHOOSE A .3XX LAB SECTION.

MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
This lecture section is entirely online. Please note that the associated lab will meet on campus on the indicated days and times. Must also choose a .3XX lab section.

Must have had or be concurrently enrolled in Chem 1420.

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 2370  ORGANIC CHEMISTRY
002 (7838) CRE 3.0  MWF 09:00 am-09:50 am  LIFE A117
PREREQUISITE: CHEM 1415, 1420, 1422, OR 1423
SHOULD ALSO BE ENROLLED IN CHEM 3210 LAB
MUST BE ENROLLED IN CHEM 2370.212
212 (7839) REC 0.0  W 03:00 pm-03:50 pm  SAGE 116
ATTENDANCE MANDATORY.

CHEM 2380  ORGANIC CHEMISTRY
001 (7840) CRE 3.0  MWF 11:00 am-11:50 am  CHEM 109  Dandekar S
PREREQUISITE: CHEM 2370
SHOULD ALSO BE ENROLLED IN CHEM 3220 LAB
MUST BE ENROLLED IN CHEM 2380.211
002 (7841) CRE 3.0  MWF 09:00 am-09:50 am  SAGE 116  Dandekar S
PREREQUISITE: CHEM 2370
MUST ALSO BE ENROLLED IN CHEM 2380.212
USUALLY TAKEN CONCURRENTLY WITH CHEM 3220 LAB
003 (7842) CRE 3.0  TR 09:30 am-10:50 am  LIFE A117  Berhe S
MUST ALSO BE ENROLLED IN CHEM 2380.213
USUALLY TAKEN CONCURRENTLY WITH CHEM 3220
PREREQUISITE: CHEM 2370
211 (7843) REC 0.0  M 03:00 pm-03:50 pm  CHEM 109  Dandekar S
ATTENDANCE MANDATORY.
212 (7844) REC 0.0  W 02:00 pm-02:50 pm  ESSC 255  Dandekar S
ATTENDANCE MANDATORY.
213 (7845) REC 0.0  F 12:59 pm-01:50 pm  LIFE A117  Berhe S
ATTENDANCE MANDATORY.

CHEM 2900  INTRO CHEM RSCH
700 (7846) CRE V
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.

CHEM 2910  INTRO CHEM RSCH
700 (7872) CRE V
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.

CHEM 3210  ORGANIC CHEM LAB
002 (7898) CRE 1.0  W 02:00 pm-02:50 pm  LIFE A117  Marpu S
MUST HAVE HAD OR BE CONCURRENTLY REGISTERED IN CHEM 2370
MUST ALSO BE ENROLLED IN CHEM 3210 LAB. CHOOSE 3210.304 THROUGH 3210.309.
301 (13944) LAB 0.0  M 09:00 am-11:50 am  CHEM 243  Marpu S
302 (11354) LAB 0.0  T 09:30 am-12:20 pm  CHEM 243  Marpu S
303 (11353) LAB 0.0  T 03:30 pm-06:20 pm  CHEM 243  Marpu S
304 (7899) LAB 0.0  M 12:00 pm-02:50 pm  CHEM 243  Marpu S
305 (7900) LAB 0.0  M 03:00 pm-05:50 pm  CHEM 243  Marpu S
306 (7901) LAB 0.0  M 06:00 pm-08:50 pm  CHEM 243  Marpu S
CHEM 3220 ORGANIC CHEM LAB

001 (7902) CRE 1.0 M 12:59 pm-01:50 pm SAGE 116 Marpu S
MUST HAVE HAD OR BE CONCURRENTLY REGISTERED IN CHEM 2380.
MUST ALSO BE ENROLLED IN CHEM 3220 LAB. CHOOSE 3220.301 THROUGH 3220.311.
MUST HAVE ALREADY COMPLETED CHEM 3210.

002 (7903) CRE 1.0 T 12:30 pm-01:20 pm SAGE 116 Marpu S
MUST HAVE HAD OR BE CONCURRENTLY REGISTERED IN CHEM 2380.
MUST ALSO BE ENROLLED IN CHEM 3220 LAB. CHOOSE 3220.301 THROUGH 3220.310.
MUST HAVE ALREADY COMPLETED CHEM 3210.

003 (10311) CRE 1.0 W 03:00 pm-03:50 pm GAB 104 Marpu S
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 2380.
MUST ALSO BE ENROLLED IN CHEM 3220 LAB.
MUST HAVE ALREADY COMPLETED CHEM 3210.

CHEM 3240 ADV PHYS MEASURE

001 (7912) CRE 1.0 M 12:30 pm-01:20 pm CHEM 253 Marshall P
PREREQUISITE: CHEM 3230

CHEM 3451 QUANT ANYL

001 (11080) CRE 3.0 TR 03:59 pm-05:20 pm CHEM 109 D'souza F
PREREQUISITE: CHEM 1440
SHOULD BE CONCURRENTLY ENROLLED IN CHEM 3452.
CHOOSE FROM 3452 LAB.

CHEM 3452 QUANT ANYL LAB

001 (11081) CRE 1.0 W 06:00 pm-09:50 pm CHEM 283 D'souza F
PREREQUISITE: CHEM 1440
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
PREREQUISITE: CHEM 1440
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.

MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.

MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.

CHEM 3520  PHYSICAL CHEM

CHEM 3530  PHYSICAL LIFE SCI

CHEM 4351  FORENSIC CHEM

CHEM 4620  ADV INORG LAB

CHEM 4631  INSTRUM ANYL

CHEM 4632  INSTRUM ANYL LAB

CHEM 4670  INTRO TO MED CHEM

CHEM 4900  SPECIAL PROBLEMS
<table>
<thead>
<tr>
<th>CRN</th>
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**CHEM 253T**

Course Topic: FORENSIC INTERNSHIP

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

**CHEM 4910**  SPECIAL PROBLEMS

RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

MULTIPLE SECTIONS OFFERED.

MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO FACULTY MEMBER.

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

**CHEM 4912**  RESEARCH CAPSTONE

RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

MULTIPLE SECTIONS OFFERED.

MUST REGISTER UNDER 7XX SECTION NUMBER ASSIGNED TO FACULTY MEMBER.

**CHEM 4920**  COOP ED IN CHEMISTRY

PREREQUISITE CHEM 3220 OR EQUIVALENT AND WRITTEN CONSENT OF PROFESSOR.

RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR.

MULTIPLE SECTIONS OFFERED.

MUST REGISTER UNDER 7X SECTION OF NUMBER ASSIGNED TO SUPERVISING FACULTY MEMBER.

**CHEM 4930**  SEL TOPICS CHEM

PREREQUISITE: PASS EXEMPTION EXAM IN PHYSICAL CHEMISTRY OR CHEM 5200.

**CHEM 4940**  CHEM SEMINAR

**CHEM 5210**  PHYSICAL CHEM

PREREQUISITE: CHEM 2380

**CHEM 5380**  ORGANIC CHEMISTRY

**CHEM 5460**  MODERN ANALY CHEM

**CHEM 5620**  TOPICS INORGANIC

PREREQUISITE: CHEM 2380

**CHEM 5640**  SEL TOP ORG CHEM
Course Topic: SYNTHETIC ORGANIC METHODS

RESTRICTED COURSE. APPROVAL REQUIRED. CONTACT DEPARTMENT.

PHYSICAL METHODS IN INORGANIC CHEMISTRY.

CHEM 5710        ADV INORGANIC

PREREQUISITE: PASS EXEMPTION EXAMINATION IN INORGANIC CHEMISTRY OR CHEM 5560.
PLEASE REPORT TO ROOM CHEM 105.

CHEM 5900        SPECIAL PROBLEMS

RESTRICTED COURSE APPROVAL REQUIRED. CONTACT INSTRUCTOR AT TGOLDEN@UNT.EDU FOR MATERIALS NECESSARY FOR THIS COURSE.
WEB-BASED INSTRUCTION.

CHEM 5910        SPECIAL PROBLEMS

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

CHEM 5920        PROB LIEU THESIS

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

CHEM 5930        PROB LIEU THESIS

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

CHEM 5940        SEMINAR CUR CHEM

RESTRICTED COURSE APPROVAL REQUIRED. CONTACT DEPARTMENT.

CHEM 5950        THESIS
CHEM 6010       DOCTORAL SEMINAR

CHEM 6940       INDV RESEARCH

CHEM 6950       DISSERTATION

CHEM 6990       POST DOC RESEARCH