CHEM/Chemistry

CHEM 1360  CONTEXT OF CHEM

521 (18786) CRE 3.0  TR  12:59 pm-02:20 pm  FRSC 123  Tekarli S
This course meets at the Frisco campus
2811 Internet Blvd., Frisco TX 75034.
Restricted course. Approval required. Contact department.
900 (16037) CRE 3.0  INET  Kinyanjui 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 1400  DISCOVER CHEMISTRY

001 (17688) CRE 1.0  W  09:59 am-10:50 am  HKRY 252  Petros A
Course Topic: FIRST YEAR SEMINAR IN CHEM

CHEM 1410  GEN CHEM SCI

001 (12942) CRE 3.0  INET  Moss A
For COS core requirement in Laboratory Science.
Should also be enrolled in Chem 1430 laboratory.
Pre-Requisite: Math 1100 with C or better, or equivalent.
100% online. No on-site meetings. May require set times to participate online as noted.
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.
002 (2197) CRE 3.0  MWF  09:59 am-10:50 am  ENV 110  Zhang R
FOR ARTS AND SCIENCES CORE REQUIREMENT IN LABORATORY SCIENCE.
SHOULD ALSO BE ENROLLED IN CHEM 1430 LABORATORY.
PREREQUISITE: MATH 1100 OR EQUIVALENT.
MUST BE ENROLLED IN CHEM 1410.221
003 (2198) CRE 3.0  MWF  11:00 am-11:50 am  ENV 125  Atkinson M
For COS core requirement in Laboratory Science.
Should also be enrolled in Chem 1430 laboratory.
Pre-Requisite: Math 1100 with C or better, or equivalent
Must also enroll in Chem 1410.231
MUST BE ENROLLED IN CHEM 1410.231
004 (4644) CRE 3.0  MW  08:00 am-08:50 am  SAGE 230  Petros A
THIS IS A SPECIAL ACTIVE LEARNING SECTION THAT FOLLOWS A DIFFERENT FORMAT FROM A
TRADITIONAL COURSE. STUDENTS WILL BE EXPECTED TO COMPLETE ONLINE MODULES
OUTSIDE OF SCHEDULED CLASS TIME. TWICE WEEKLY CLASSES WILL FOCUS ON INTERACTIVE,
HANDS ON INSTRUCTION AND GRADED TEAMS BASED PROBLEM SOLVING ASSIGNMENTS.
EXAMS WILL ONLY BE AVAILABLE DURING SCHEDULED CLASS TIME.
Must also enroll in Chem 1410.241.
Pre Requisites: Math 1100 with C or better or equivalent.
Should also enroll in Chem 1430 Laboratory.
005 (2199) CRE 3.0  TR  11:00 am-12:20 pm  PHYS 102  Kinyanjui S
FOR ARTS AND SCIENCES CORE REQUIREMENTS IN LABORATORY SCIENCE.
SHOULD ALSO BE ENROLLED IN CHEM 1430.
PREREQUISITE: MATH 1100 OR EQUIVALENT.
MUST BE ENROLLED IN CHEM 1410.251
For COS core requirement in Laboratory Science
Should also be enrolled in Chem 1430 laboratory
Pre-Requisite: Math 1100 with C or better, or equivalent
Must also enroll in Chem 1410.261
This is an active learning class, so students are expected to come to class prepared to participate and discuss the daily topics. Bringing an electronic device such as a laptop, tablet, or iPad would also be helpful.
SHOULD ALSO BE ENROLLED IN CHEM 1430 LABORATORY.
MUST ALSO BE ENROLLED IN CHEM 1410.261

FOR ARTS AND SCIENCES CORE REQUIREMENTS IN LABORATORY SCIENCE.
SHOULD ALSO BE ENROLLED IN CHEM 1430 LABORATORY.
PREREQUISITE: MATH 1100 OR EQUIVALENT.
MUST BE ENROLLED IN CHEM 1410.271

For COS core requirement in Laboratory Science
Should also be enrolled in Chem 1430 laboratory
Pre-Requisite: Math 1100 with C or better, or equivalent
Must also enroll in Chem 1410.281

For COS core requirement in Laboratory Science
Should also be enrolled in Chem 1430 laboratory
Pre-Requisite: Math 1100 with C or better, or equivalent
Must also enroll in Chem 1410.291

ATTENDANCE MANDATORY.

For COS core requirement in Laboratory Science
Should also be enrolled in Chem 1430 laboratory
Pre-Requisite: Math 1100 with C or better, or equivalent
Must also enroll in Chem 1410.210

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

For COS core requirement in Laboratory Science
Should also be enrolled in Chem 1430 laboratory
Pre-Requisite: Math 1100 with C or better, or equivalent
Must also enroll in Chem 1410.212

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.

ATTENDANCE MANDATORY.
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**CHEM 109R**
- M/W/F 9:00-9:50
- Instructor: Kinyanjui S
- **Attendance Mandatory**

**CHEM 110W**
- M/W/F 12:59-1:50
- Instructor: Petros A
- **Attendance Mandatory**

**CHEM 120R**
- M/W/F 03:59-4:50
- Instructor: Zhang R
- **Attendance Mandatory**

**FRIP 135M**
- M/W 9:00-10:20
- Instructor: Tekarli S
- Class meets at UNT Inspire Park located at 6170 Research Rd. In Frisco, Texas 75034.

**CHEM 109T**
- TR 03:30-4:20
- Instructor: Tekarli S
- **Attendance Mandatory**

**ENV 110W**
- TR 12:59-1:50
- Instructor: Petros A
- **Attendance Mandatory**

**ENV 130TR**
- TR 12:30-1:50
- Instructor: Liu
- For Arts and Sciences Core Requirement in Laboratory Science. Must also be enrolled in CHEM 1440 Laboratory.
- Prerequisite: CHEM 1410 or equivalent. Must also be enrolled in CHEM 1420.211.
- **Attendance Mandatory**

**GAB 104**
- M/W/F 11:00-11:50
- Instructor: Liu
- For Arts and Sciences Core Requirement in Laboratory Science. Must also be enrolled in CHEM 1440 Laboratory.
- Prerequisite: CHEM 1420 or equivalent. Must be enrolled in CHEM 1420.221
- **Attendance Mandatory**

**INET**
- 100% online. No on-site meetings. May require set times to participate online as noted.
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**CHEM 1430**
- LAB SEQ GEN CHEM
- **Restricted course. Approval required. Contact department.**
MUST ALSO CHOOSE A .3XX LAB SECTION.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 1410.
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.
THIS LECTURE SECTION IS ENTIRELY ONLINE. PLEASE NOTE THAT THE ASSOCIATED LAB WILL MEET ON CAMPUS ON THE INDICATED DAYS AND TIMES.

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Class meets at UNT Inspire Park located at 6170 Research Rd. In Frisco, Texas 75034.

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Class meets at UNT Inspire Park located at 6170 Research Rd. In Frisco, Texas 75034.
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**THIS LECTURE SECTION IS ENTIRELY ONLINE. PLEASE NOTE THAT THE ASSOCIATED LAB WILL MEET ON CAMPUS ON THE INDICATED DAYS AND TIMES.**

**CHEM 1980**  
**EXPERIMENT COURSE**

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This is an active learning class, so students are expected to come to class prepared to participate and discuss the daily topics. Bringing an electronic device such as a laptop, tablet, or iPad would also be helpful.

**CHEM 2370**  
**ORGANIC CHEMISTRY**

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PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.  
SHOULD ALSO BE ENROLLED IN 3210 LAB.  
MUST ALSO BE ENROLLED IN CHEM 2370.211

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PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.  
SHOULD ALSO BE ENROLLED IN 3210 LAB.  
MUST ALSO BE ENROLLED IN CHEM 2370.212

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PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.  
SHOULD ALSO BE ENROLLED IN 3210 LAB.  
MUST ALSO BE ENROLLED IN CHEM 2370.213

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PREREQUISITE: CHEM 1415, 1420, 1422 OR 1423.  
SHOULD ALSO BE ENROLLED IN 3210 LAB.  
MUST ALSO BE ENROLLED IN CHEM 2370.214
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.

**PREREQUISITE:** CHEM 1415, 1420, 1422 OR 1423.

**SHOULD ALSO BE ENROLLED IN 3210 LAB.**

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**CHEM 2370**

**CHEM 2370**

100% online. No on-site meetings. May require set times to participate online as noted. 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.

**PREREQUISITE:** CHEM 1420, 1423.

**SHOULD ALSO BE ENROLLED IN 3210 LAB.**

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**CHEM 2380**

**ORGANIC CHEMISTRY**

- **CHEM 2380**
  - **CHEM 2380**
    - **CHEM 2900**
      - **INTRO CHEM RSCH**
        - **CHEM 3010**
          - **OPP AND RESP IN CHEM**
            - **CHEM 3210**
              - **ORGANIC CHEM LAB**
Must also enroll in .3XX lab section.

Pre Requisites: Chem 1440 with C or better and concurrent enrollment in Chem 2370.

The 001 lab lecture will be online but associated 3XX lab sections will meet on campus in person at the listed days and times.

100% online. No on-site meetings. May require set times to participate online as noted.

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 241M Marpu SLAB 0.0 09:00 am-11:50 am 301 (2286) Marpu S
CHEM 241M Marpu SLAB 0.0 12:00 pm-02:50 pm 302 (2287) Marpu S
CHEM 241M Marpu SLAB 0.0 03:00 pm-05:50 pm 303 (2288) Marpu S
CHEM 241M Marpu SLAB 0.0 06:00 pm-08:50 pm 304 (2289) Marpu S
CHEM 241M Marpu SLAB 0.0 09:30 am-12:20 pm 305 (2290) Marpu S
CHEM 241M Marpu SLAB 0.0 12:30 pm-03:20 pm 306 (2291) Marpu S
CHEM 241M Marpu SLAB 0.0 03:30 pm-06:20 pm 307 (2292) Marpu S
CHEM 241M Marpu SLAB 0.0 06:30 pm-09:20 pm 308 (2293) Marpu S
CHEM 241M Marpu SLAB 0.0 09:00 am-11:50 am 309 (2294) Marpu S
CHEM 241M Marpu SLAB 0.0 12:00 pm-02:50 pm 310 (2295) Marpu S
CHEM 241M Marpu SLAB 0.0 03:00 pm-05:50 pm 311 (2296) Marpu S
CHEM 241M Marpu SLAB 0.0 06:00 pm-08:50 pm 312 (2297) Marpu S
CHEM 241M Marpu SLAB 0.0 09:30 am-12:20 pm 313 (2298) Marpu S
CHEM 241M Marpu SLAB 0.0 12:30 pm-03:20 pm 314 (2299) Marpu S
CHEM 241M Marpu SLAB 0.0 03:30 pm-06:20 pm 315 (2300) Marpu S
CHEM 241M Marpu SLAB 0.0 09:00 am-11:50 am 316 (2301) Marpu S
CHEM 241M Marpu SLAB 0.0 12:00 pm-02:50 pm 317 (2302) Marpu S
CHEM 241M Marpu SLAB 0.0 03:00 pm-05:50 pm 318 (2303) Marpu S
CHEM 241M Marpu SLAB 0.0 06:00 pm-08:50 pm 319 (2304) Marpu S
CHEM 241M Marpu SLAB 0.0 09:00 am-11:50 am 320 (2305) Marpu S
CHEM 241M Marpu SLAB 0.0 12:00 pm-02:50 pm 321 (2306) Marpu S
CHEM 241M Marpu SLAB 0.0 03:00 pm-05:50 pm 322 (2307) Marpu S
CHEM 241M Marpu SLAB 0.0 06:00 pm-08:50 pm 323 (2308) Marpu S
CHEM 241M Marpu SLAB 0.0 09:30 am-12:20 pm 324 (2309) Marpu S
CHEM 241M Marpu SLAB 0.0 12:30 pm-03:20 pm 325 (2310) Marpu S
CHEM 241M Marpu SLAB 0.0 03:30 pm-06:20 pm 326 (2311) Marpu S
CHEM 241M Marpu SLAB 0.0 09:00 am-11:50 am 327 (2312) Marpu S
CHEM 241M Marpu SLAB 0.0 12:00 pm-02:50 pm 328 (2313) Marpu S
CHEM 241M Marpu SLAB 0.0 03:00 pm-05:50 pm 329 (2314) Marpu S
CHEM 241M Marpu SLAB 0.0 06:00 pm-08:50 pm 330 (2315) Marpu S
CHEM 241M Marpu SLAB 0.0 09:30 am-12:20 pm 331 (2316) Marpu S
CHEM 241M Marpu SLAB 0.0 12:30 pm-03:20 pm 332 (2317) Marpu S

CHEM 3220 ORGANIC CHEM LAB

Will only meet on campus for LAB component.

CHEM 243M Marpu SLAB 0.0 09:00 am-11:50 am 301 (2297) Marpu S
CHEM 243M Marpu SLAB 0.0 12:00 pm-02:50 pm 302 (2298) Marpu S
CHEM 243M Marpu SLAB 0.0 03:00 pm-05:50 pm 303 (2299) Marpu S
CHEM 243M Marpu SLAB 0.0 06:00 pm-08:50 pm 304 (2300) Marpu S
CHEM 243M Marpu SLAB 0.0 09:30 am-12:20 pm 305 (2301) Marpu S
CHEM 243M Marpu SLAB 0.0 12:30 pm-03:20 pm 306 (2302) Marpu S
CHEM 243M Marpu SLAB 0.0 03:30 pm-06:20 pm 307 (2303) Marpu S
CHEM 243M Marpu SLAB 0.0 06:30 pm-09:20 pm 308 (2304) Marpu S
CHEM 3230  PHYSICAL MEASURE
001 (2299)  CRE 1.0  T  12:59 pm-01:50 pm  HKRY 252  Weber R
MUST ALSO BE ENROLLED IN CHEM 3230.3XX.
CHEM 3510 (MAY BE TAKEN CONCURRENTLY).
301 (2300)  LAB 0.0  R  03:00 pm-05:50 pm  CHEM 280  Weber R
302 (5416)  LAB 0.0  W  06:00 pm-08:50 pm  CHEM 280  Weber R
303 (12896) LAB 0.0  T  03:00 pm-05:50 pm  CHEM 280  Weber R

CHEM 3330  FORENSIC SCIENCE ANALY
001 (17705) CRE 4.0  MWF  08:00 am-08:50 am  CHEM 253  Williams K
Restricted course. Approval required. Contact department.
301 (17706) LAB 0.0  W  12:00 pm-02:50 pm  CHEM 280  Williams K
Restricted course. Approval required. Contact department.
302 (19219) LAB 0.0  F  12:00 pm-02:50 pm  CHEM 280  Williams K
Restricted course. Approval required. Contact department.

CHEM 3451  QUANT ANYL
001 (2301)  CRE 3.0  TR  09:30 am-10:50 am  CHEM 106  Chyan O
PRE REQUISITES: CHEM 1420 & CHEM 1440 WITH C OR BETTER.
SHOULD ALSO BE ENROLLED IN CHEM 3452 LAB
CHOOSE FROM 3452.301 THROUGH 3452.305.

CHEM 3452  QUANT ANYL LAB
301 (2302)  CRE 1.0  M  12:59 pm-04:50 pm  CHEM 283  Chyan O
PRE REQUISITE: CHEM 1420 & 1440 WITH C OR BETTER.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
302 (2303)  CRE 1.0  T  12:59 pm-04:50 pm  CHEM 283  Chyan O
PRE REQUISITE: CHEM 1420 & 1440 WITH C OR BETTER.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
303 (2304)  CRE 1.0  W  12:59 pm-04:50 pm  CHEM 283  Chyan O
PRE REQUISITE: CHEM 1420 & 1440 WITH C OR BETTER.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
304 (3865)  CRE 1.0  R  12:59 pm-04:50 pm  CHEM 283  Chyan O
PRE REQUISITE: CHEM 1420 & 1440 WITH C OR BETTER.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
305 (4816)  CRE 1.0  T  05:00 pm-08:50 pm  CHEM 283  Chyan O
PRE REQUISITE: CHEM 1420 & 1440 WITH C OR BETTER.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.
306 (13874) CRE 1.0  W  05:00 pm-08:50 pm  CHEM 283  Chyan O
PRE REQUISITE: CHEM 1420 & 1440 WITH C OR BETTER.
MUST HAVE HAD OR BE CONCURRENTLY ENROLLED IN CHEM 3451.

CHEM 3510  PHYSICAL CHEM
001 (2305)  CRE 3.0  MWF  09:59 am-10:50 am  CHEM 106  Yan H
MUST ALSO ENROLL IN CHEM 3510.211
SHOULD ALSO ENROL IN CHEM 3230
PRE REQUISITES: CHEM 1420, MATH 1720 AND PHYS 1420 OR 2220 ALL WITH C OR BETTER
211 (2306)  REC 0.0  W  12:59 pm-01:50 pm  CHEM 106  Yan H

CHEM 4610  ADV INORG CHEM
002 (2309)  CRE 3.0  MW  02:00 pm-03:20 pm  CHEM 352  Omary M
PREREQUISITE: CHEM 3520.

CHEM 4660  INTRO TO COMP CHEM
001 (13463) CRE 3.0  MW  12:30 pm-01:50 pm  CHEM 232  Cisneros G
Restricted course. Approval required. Contact department.

CHEM 4900  SPECIAL PROBLEMS
001 (19220) CRE V  M  05:00 pm-05:50 pm  CHEM 106  Williams K
Restricted course. Approval required. Contact department.
712 (19828) CRE V  Skellam E
Restricted course. Approval required. Contact department.
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<thead>
<tr>
<th>Course Code</th>
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<td>SPECIAL PROBLEMS</td>
<td>Atkinson M</td>
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<td>CHEM 4920</td>
<td>COOP ED IN CHEMISTRY</td>
<td>Weber R</td>
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<td>CHEM 4940</td>
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