Chemistry B.A. Application Process

Once students have been admitted to the College of Liberal Arts, they may pursue admission to the Chemistry major.

A. Preparing to Apply

Students who plan to submit an Application for Major Status meet with an advisor in the Chemistry Department. The Chemistry advising staff will give you information about the major and the application process itself.

B. Application Process

Students are eligible to apply for Chemistry major status once they have met the following minimum requirements:

B1. Completed the following courses by the application deadline with a minimum (unbracketed) technical GPA of 2.0.

   For Chem 1062 and 2301, minimum grades of C are required. For the other courses listed, minimum grades of C- are required.

   Notes:
   "Unbracketed" means that all attempts at a course (which resulted in a letter grade of A - F) are factored into the GPA. Courses taken at other institutions may fulfill degree requirements; however, they will not be included in the technical GPA calculation.

   • Chem 1061 (lecture) and 1065 (lab)
   • Chem 1062 (lecture), and 1066 (lab)
   • Chem 2301 (organic chemistry lecture)
   • Math 1271 or 1371 (Calculus I)
   • Math 1272 or 1372 (Calculus II)
   • Math 2263 or 2374 (Multivariable Calculus)
   • Physics 1201W or 1301W
   • Physics 1202W or 1302W


C. Application Deadlines

Applications for the Chemistry major are accepted during two periods each academic year:

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<tr>
<th>Admission Term</th>
<th>Applications Begin</th>
<th>Application Deadline</th>
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<tr>
<td>Spring semester</td>
<td>October 1</td>
<td>December 30</td>
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<tr>
<td>Fall semester</td>
<td>March 1</td>
<td>May 25</td>
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Please apply as soon as possible. Early application will allow us to better understand how the demand for the Chemistry major may impact the technical GPA cutoff point required for admission, and to advise students accordingly.
D. Application Instructions

Step 1: Complete the Application Form
http://www.chem.umn.edu/undergrad/CLA%20Application%20online.pdf
download and print form.

Step 2: Complete a Proposed Major Program Plan/Timeline
This is a preliminary version of the courses and timeline you will complete for the major, if you are admitted to the Chemistry BA program. Use the Major Program Plan/Timeline to list the classes you will take to complete your major requirements and when you will take each major course on your plan. Do your best work on this Major Program Plan/Timeline. The Admissions Committee will review your plans to determine your attention to detail in choosing and scheduling your major courses, and your ability to complete the major requirements by the end of your final semester at the U of M.

- Use the Chemistry website to help with course selection.
- Indicate the specific courses you might choose to complete the Advanced Lab and Advanced Technical Elective requirements in the three boxes in the “Course Requirements” section.
- Indicate which semester you might take each course by scheduling them in the “Program Timeline” section.

Step 3: Submit Application
All documents must be received by the application deadline to receive consideration. Do not submit materials that are printed double-sided, do not staple applications, and be sure materials are submitted in order:

- Application Page
- Program Plan

Admission to the Major
Admission to the Chemistry major is a competitive process based on several factors, including the successful completion of specific technical courses (as listed in Section B1), the student's technical (unbracketed) grade point average (GPA) for courses taken at the University of Minnesota - Twin Cities, and the required application materials (Section D).

Automatic Admission for Qualifying Students
Students who meet the required criteria (Sections B1 through B3) and submit the requested application materials (Section D, Steps 1 - 4) by the application deadline (Section C) will, upon review of the Director of Undergraduate Studies, be automatically admitted to the Chemistry major if they also satisfy the following two additional criteria:

- Technical (unbracketed) GPA of at least 3.2
- Chem 2301 (Organic Chemistry I) course grade of B- or above

Notification
Applicants will receive their admissions decisions via email within two weeks of the application deadline. Once you have been notified of your admission plan to stop by 135 Smith Hall to pick up your degree program form and bring it to CLA to complete the process of admission.
Chemistry BA – Major Application

1. Last Name  
2. First Name and M.I.  
3. Student ID#  

4. Current Mailing Address  
5. City  
6. State  
7. Zip Code  

8. email address  
9. Primary Phone  

This is my _____First Application _____ Second Application (please check one)  

I have read and followed all the instructions and completed the following requirements:  

_____ Meeting with a Chemistry Advisor (_____________________, name of advisor )  

_____ Preliminary Plan and Timeline  

• I have read the minimum requirements for applying to the Chemistry Dept. for CLA major status.  
• I understand that satisfying these requirements does not guarantee admission, which is based upon a competitive process involving, among other considerations, the student’s technical GPA.  
• I understand that, if admitted, I must attend a mandatory New Major Planning session.  
• The U of M is committed to the recruitment and retention of students from diverse backgrounds.  

This application and accompanying material are correct and complete to the best of my knowledge.

_________________________  
Signature  
_________________________  
Date  

Submit your application material to 135 Smith Hall by the following deadlines:  

for Fall Semester Admission:   Apply by **May 25** (applications accepted starting Mar. 1)  

for Spring Semester Admission:  Apply by **Dec. 30** (applications accepted starting Oct. 1)  

You will be notified via email. At that time, admitted students will be informed of the dates and times of the New Chemistry Major Planning Sessions.

(Form rev. 2-15-2014)
**Chemistry BA Major Course Requirements:**

35-40 credits of Chemistry
- 2 lectures (1061, 1062) & 2 labs (1065, 1066) in general chem
- 2 lectures (2301, 2302) & 1 lab (2311) in organic chem
- 1 lecture (2101) & 1 lab (2311) in analytical chem
- 2 lectures in physical chem (4501, 4502)
- 1 lecture in inorganic chem (4701)
- 2 advanced chem labs selected from among the following:
  - 4111W (Analytical), 4223W (Polymer), 4311W (Organic),
  - 4423W (ChemBio), 4511W (Physical), 4711W (Inorg.);
  - one can be Directed Studies (2094 or 4094W)

**Program Timeline:**

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<th>Fall</th>
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- 12 credits of Math
  - Calculus I (1271 or 1371 or equivalent)
  - Calculus II (1272 or 1372 or equivalent)
  - Multivariable Calculus (2263 or 2374 or equivalent)

- 8-10 credits of Physics
  - Calculus-based Physics I (1201W or 1301W or equivalent)
  - Calculus-based Physics II (1202W or 1302W or equivalent)

- 3 credits of Advanced Technical Electives
  - Selected from upper level courses of 3 credits or more in
    - Chemistry, Biology, Biochemistry, Genetics, Cell Biology,
    - Chemical Engineering, Civil Engineering, Environmental Sciences, Materials Science, Math, Physics, Statistics
  - and some other courses under the advisement of the Chemistry Advising Office.

**Composition**
- University Writing and Critical Reading (1011)
- 4 Writing Intensive Requirements
  - *(Note: Physics and Advanced Labs fill 4 WI requirements.)*

**Second Language**
- 2 years of a single second language

Are you considering a minor? If so, which one _________________________________

Are you considering a second major? If so, which one ___________________________

Tentative plans after you complete your Chemistry BA degree _____________________

________________________________________________________________________

________________________________________________________________________

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________________________________________________________________________

(Form rev. 7-15-2015)