



# Graduation Checklist

## Chemistry – B.S. Degree

### Pre-Professional Option

Updated: 2025

Courses are listed with prerequisites in parentheses and semesters abbreviated (Fall, Spring, Summer and Maymester).

| Core Impacts: Institutional Priority (4 hrs.) |       |     |
|-----------------------------------------------|-------|-----|
| Course                                        | Grade | Hrs |
| <sup>1</sup>                                  |       |     |
| <sup>1</sup>                                  |       |     |

<sup>1</sup> Choose from PERS courses or INQR 1001, 1001H, 2001, 2002 or 2003.

| Core Impacts: Math & Quantitative Skills (3 hrs.) |  |   |
|---------------------------------------------------|--|---|
| MATH 1113 (OR MATH 1111 + 1112) <sup>1</sup>      |  | 3 |

<sup>1</sup> MATH 1111 will count in General Electives and MATH 1112 in this area, if taken. Submit course sub. form for MATH 1113.

| Core Impacts: Political Science & US History (6 hrs.) |  |   |
|-------------------------------------------------------|--|---|
| POLS 1101/1101H                                       |  | 3 |
| HIST 2111/2111H or 2112/2112H                         |  | 3 |

| Core Impacts: Arts, Humanities & Ethics (6 hrs.) |  |   |
|--------------------------------------------------|--|---|
| ENGL 2111, 2112 or 2113                          |  | 3 |
| <sup>1</sup>                                     |  | 3 |

<sup>1</sup> Choose one: Foreign Language 1001, 1002, 2001 or 2002 (ARAB, FREN, GRMN, JAPN, LATN, RUSS or SPAN); ART 1100/1100H; COMM 1100, 1110; DANC 1500; MDIA 2000; MUSC 1100, 1120, 1130; PHIL 2010/2010H, 2020/2020H; REL 2020; THEA 1100; WGST 2010; ENGL 2111/2111H, 2112/2112H, 2113/2113H.

| Core Impacts: Communication in Writing (6 hrs.) |  |   |
|-------------------------------------------------|--|---|
| ENGL 1101                                       |  | 3 |
| ENGL 1102                                       |  | 3 |

| Core Impacts: Technology, Math & Sciences (11 hrs.) |  |   |
|-----------------------------------------------------|--|---|
| MATH 2261 <sup>1</sup> (MATH 1112 or 1113)          |  | 3 |
| <sup>2</sup>                                        |  | 4 |
|                                                     |  | 4 |

<sup>1</sup> 1 hr. spills to Field of Study

<sup>2</sup> Choose from: BIOL 1107/1107L; BIOL 1108/1108L; CHEM 1211/1211L; CHEM 1212/1212L, PHYS 1111K (or 2111K); PHYS 1112K (or PHYS 2212K)

| Core Impacts: Social Sciences (6 hrs.) |  |   |
|----------------------------------------|--|---|
| <sup>1</sup>                           |  | 3 |
| <sup>1</sup>                           |  | 3 |

<sup>1</sup> AFAM/WGST 2020; ANTH 1102/1102H; ECON 1500/1500H; ECON 2105; GEOG 1100,1101,1102, 1103; HIST 1011/1101H, 1012/1012H, 1013/1013H; MKTG 1500; POLS 2101/2101H, 2401/2401H, 2501/2501H; PSYC 1101/1101H; SOCI 1101/1101H, 1160.

| Core Impacts: Field of Study (18 hrs)                                                              |       |     |
|----------------------------------------------------------------------------------------------------|-------|-----|
| Course                                                                                             | Grade | Hrs |
| MATH 2262 (MATH 2261) F Sp Sum                                                                     |       | 4   |
| <sup>1</sup> CHEM 1211 & 1211L                                                                     |       | 0-4 |
| <sup>1</sup> CHEM 1212 & 1212L                                                                     |       | 0-4 |
| CHEM 2310 (CHEM 1211/L & 1212/L) F                                                                 |       | 4   |
| <sup>1</sup> PHYS 1111K (MATH 1112) F Sp Sum<br>or PHYS 2211K (MATH 2261 PRE OR CO-REQUISITE) F Sp |       | 0-4 |
| <sup>1</sup> PHYS 1112K (PHYS 1111K) F Sp<br>or PHYS 2212K (PHYS 2211K) F Sp                       |       | 0-4 |
| MATH 2261 (spilled from Tech, Math & Sci)                                                          |       | 1   |
| CHEM 1210 F Sp                                                                                     |       | 1   |

<sup>1</sup> Unless counted in core Technology, Math & Sciences

| Senior Curriculum: Required Major Courses (41-49 hours)                                             |  |     |
|-----------------------------------------------------------------------------------------------------|--|-----|
| <sup>1</sup> BIOL 1107/1107L                                                                        |  | 0-4 |
| BIOL 1108/1108L or math, computer science or science electives numbered 2000 or higher <sup>2</sup> |  | 7   |
| CHEM 2210 (CHEM 1210) F Sp                                                                          |  | 1   |
| CHEM 3401 (CHEM 1212/L) F Sp                                                                        |  | 4   |
| CHEM 3402 (CHEM 3401) Sp Su                                                                         |  | 4   |
| CHEM 3510 (CHEM 1212/L) F Sum-MM                                                                    |  | 4   |
| CHEM 3601 (CHEM 3402) F Su-MM                                                                       |  | 3   |
| CHEM 3601L (CHEM 3601) F Sp                                                                         |  | 2   |
| CHEM 3801 or 3802 (MATH 2262, PHYS 1111K/2211K; pre or co-req PHYS 1112K/2212K) F                   |  | 4   |
| CHEM 4210 (Senior Year) F Sp                                                                        |  | 1   |
| <sup>2</sup> Upper-division math, computer science or science electives                             |  | 7-8 |
| Carry over from Core Field of Study                                                                 |  | 0-4 |

<sup>1</sup> Unless counted in core Technology, Math & Sciences

<sup>2</sup> May only apply 4 credits of CHEM 4910 and only 3 credits of CHEM 4800 in this area. Extra hours of these courses will apply to electives.

Name\_\_\_\_\_

Student #870\_\_\_\_\_Cell\_\_\_\_\_

Email\_\_\_\_\_

Grad Sem/Yr\_\_\_\_\_ Applied for Grad\_\_\_\_\_

Minor\_\_\_\_\_ Major #2\_\_\_\_\_

| Electives (Including courses numbered 3000 or above (18-19 hrs) <sup>1</sup> |       |     |
|------------------------------------------------------------------------------|-------|-----|
| Course                                                                       | Grade | Hrs |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |
|                                                                              |       |     |

<sup>1</sup> Includes hours that carry over from Core Field of Study

#### IMPORTANT GRADUATION REQUIREMENTS:

- Minimum of 120 total hours
- Minimum of 39 Upper-division hours (courses numbered 3000 or above)

**Must make a C or better in major courses and math.**

Note Prerequisites for CHEM 1211: Score 540 SAT MATH or 23 ACT, pass CHEM 1200 with a C or higher, or pass Chemistry Placement Exam; Co or Pre-requisite: MATH 1111 or higher.