Graduation Checklist
Chemistry - American Chemical Society Certified Degree

Updated: 2025

Name_____
Student #870_____**Cell**_____
Email_____
Grad Sem/Yr_____ **Applied for Grad**_____
Minor_____ **Major #2**_____

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

Core Impacts: Institutional Priority (4 hrs.)		
Course	**Grade**	**Hrs**
[1]		
[1]		

[1] 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) [1]		3

[1] 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
[1]		3

[1] 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[1] **(MATH 1112 or 1113)**		3
[2]		4
		4

[1] 1 hr. spills to Field of Study
[2] 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.)		
[1]		3
[1]		3

[1] 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
[1] CHEM 1211 & 1211L		0-4
[1] CHEM 1211 & 1211L		0-4
CHEM 2310 **(CHEM 1211/L & 1212/L) F**		4
[1] PHYS 1111K **(MATH 1112) F Sp Sum** or PHYS 2211K **(MATH 2261 PRE OR CO-REQUISITE) F Sp**		0-4
[1] PHYS 1112K **(PHYS 1111K) F Sp** or PHYS 2212K **(PHYS 2211K) F Sp**		0-4
MATH 2261 (spilled from Tech, Math & Sci)		1
CHEM 1210 **F Sp**		1

[1] Unless counted in core Technology, Math & Sciences

Senior Curriculum: Required Major Courses (37- 45 hours)		
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 **(MATH 2262, PHYS 1111K/2211K; pre or co-req PHYS 1112K/2212K) F**		4
CHEM 3802 **(MATH 2262, PHYS 1111K/2211K; pre or co-req PHYS 1112K/2212K) Sp**		4
CHEM 4210 **(Senior Year) F Sp**		1
CHEM 4310 **(CHEM 3801) Sp**		4
[1]Mathematics, computer science or science electives numbered 2000 or above		6
Excess hours spilled from Field of Study		0-8

[1]For CHEM 4910 or CHEM 4800: The **sum** of hours for each of these courses applied here and in Advanced courses in Chemistry is limited to 4 hours for CHEM 4910 and 3 hours for CHEM 4800. Extra hours must go in general electives.

Advanced Courses in CHEM Electives (6 hrs)		
[1]		3
[1]		3

[1] 6 hours at 3000 level or above in Chemistry: Recommend CHEM 3602 **(CHEM 3601);** For CHEM 4910 or CHEM 4800: The **sum** of hours for each of these courses applied here and in the Senior Curriculum in Chemistry is limited to 4 hours for CHEM 4910 and 3 hours for CHEM 4800. Extra hours must go in general electives.

Electives (Including courses numbered 3000 or above (9-17 hrs)		
Course	**Grade**	**Hrs**

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.