



Graduation Checklist

Chemistry – B.S. Degree

Pre-Optometry Option

*This packet can be downloaded at <https://www.valdosta.edu/chemistry/student-advising.php>
Updated: 7/22/2022*

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 Area A (9 hrs): Essential Skills		
Course	Grade	Hrs
ENGL 1101		3
ENGL 1102		3
MATH 1113 (OR MATH 1111 + 1112) ¹		3

¹ MATH 1111 will count in General Electives and MATH 1112 in Area A, if taken. Submit course sub. form for MATH 1113.

Core Area B (4 hrs): Perspectives		
Course	Grade	Hrs
¹ PERS		2
¹ PERS		2

¹ Each must be from a different area of Perspectives, 21xx, 22xx, ..., 27xx.

Core Area C (6 hrs): Humanities/Fine Arts		
Course	Grade	Hrs
ENGL 2111, 2112 or 2113		3
¹		3

¹ Foreign language preferred (Part of any 2-course for. lang. sequence. If for. lang. not taken in Area C, then complete sequence in General Electives.) or ART 1100; COMM 1100, 1110; DANC 1500; MUSC 1100, 1110, 1120, 1130; MDIA 2000; THEA 1100; PHIL 2010, 2020; REL 2020; WGST 2010; ENGL 2111, 2112, 2113.

Core Area D.2.a (11 hrs): Math & Science		
Course	Grade	Hrs
MATH 2261 ¹ (MATH 1112 or 1113)		3
CHEM 1211 & CHEM 1211L ²		4
BIOL 1107 & 1107L		4

¹ 1 hr. spills to Area F

² Prerequisites: 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.

Core Area E (12 hrs): Social Sciences		
Course	Grade	Hrs
POLS 1101		3
HIST 2111 or 2112		3
PSYC 1101		3
¹		3

¹ AFAM/WGST 2020; ANTH 1102; ECON 1500; GEOG 1100, 1101, 1102, 1103; HIST 1011, 1012, 1013; POLS 2101, 2401, 2501; SOCI 1101, 1160.

Core Area F (18 hrs.): Major Courses ¹		
Course	Grade	Hrs
MATH 2262 (MATH 2261) F Sp Sum		4
CHEM 1212 & CHEM 1212L (CHEM 1211/L F Sp Su)		4
CHEM 2310 (CHEM 1211/L & 1212/L) F		4
PHYS 1111K (MATH 1112) F Sp Su or PHYS 2211K (MATH 2261 PRE OR CO-REQUISITE) F Sp		4
PHYS 1112K (PHYS 1112K) F Sp or PHYS 2212K (PHYS 2211K) F Sp		1
MATH 2261 (spilled from D)		1

¹ Excess hours applied to Required Major Courses.

Required Major Courses (38-39 hours)		
Course	Grade	Hrs
BIOL 2260 F Sp		4
CHEM 1210 F Sp		1
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) Sp Su		3
CHEM 3601L (CHEM 3601) F Sp		2
CHEM 3801 or 3802 (MATH 2262, PHYS 1111K/2211K; pre or co-req PHYS 1112K/2212K.) 3801-F; 3802 Sp		4
CHEM 4210 (Senior Year) F Sp		1
Upper-Division Mathematics, Computer Science, or Science Electives ¹		7-8
Excess hours from Core Area F		3

¹ May only include up to 4 hours of CHEM 4910

General Electives (6-9 hrs)		
Course	Grade	Hrs
MATH 1401 F Sp Su		3

Foreign Language (6 hrs; 3 hrs may count in Area C)		
Course	Grade	Hrs
		3
		0-3

Upper-Division Electives (9-10 hrs)		
Course	Grade	Hrs
¹		

¹ Elective courses can include a course in genetics, anatomy, physiology, or other subjects which an OD program may require.

Must make a C or better in major courses and math