2025 Academic Completion Plan
(Applies to Students enrolling during the Academic Year beginning in August 2025)

BS Civil Engineering

Semester 1	Credits	Semester 2	Credits
SRH 101: Search Seminar **or**	3	PHY 200/L: Physics I with Lab	4
HNR 160: Honors Search		MAT 231: Calculus II	4
CHE 104: General Chemistry	3	EGR 110: Engineering Design I	1
CHE 110L: General Chemistry I Lab	1	THR 244: Computer-Assisted Design	3
EGR 107: Engineering Lab Safety	1	COM 101: Composition & Research	3
EGR 260: Undergraduate Engineering Colloquium	0.5	THE 105 or PHI 105	3
MAT 230: Calculus I	4		
CS 115: Intro to Object-Oriented Programming	3		
TOTAL	**15.25**	**TOTAL**	**18**
Complete 5 hours of Community Service		Complete 5 hours of Community Service	

Semester 3	Credits	Semester 4	Credits
EGR 201: Engineering Statics	3	CE 201: Surveying	2
EGR 260: Undergraduate Engineering Colloquium	0.25	EGR 210: Engineering Design II	1
EE 211: Electrical Distribution Systems	3	MAT 322: Differential Equations	3
Gen Ed	3	ME 201: Strength of Materials	3
SEARCHMAT 232: Calculus III	4	ME 202: Dynamics	3
THE 105 or PHI 105	3	ME 211: Thermodynamics	3
		ME 271L: Strength of Materials Lab	0.5
TOTAL	**16.25**	**TOTAL**	**15.5**
Complete 5 hours of Community Service		Complete 5 hours of Community Service	

Semester 5	Credits	Semester 6	Credits
CE 301: Structural Analysis	3	CE 321: Soils and Geotechnical Engineering	3
CE 311: Material Science for CE	3	CE 322: Hydraulics and Hydrology	3
CE 371L: Structural Analysis Lab	0.5	CE 372L: Geotechnical Lab	1
ENVE 201: Intro Environmental Engineering	3	EGR 260: Undergraduate Engineering Colloquium	0.25
MAT 345: Applied Probability & Linear Methods	4	EGR 310: Engineering Design III	3
ME 310: Fluid Mechanics	3	Gen Ed SEARCH	3
		PHI 208: Ethics and Technology	3
TOTAL	**16.5**	**TOTAL**	**16.25**
Complete 5 hours of Community Service		Complete 5 hours of Community Service	

Semester 7	Credits	Semester 8	Credits
EGR 401: Project Management	3	CE 4xx: CE Elective	3
CE 4xx: CE Elective	3	CE 47xL: CE Elective Lab	0.5
CE 47xL: CE Elective Lab	0.5	XE 4xx: Engineering Elective	3
EGR 260: Undergraduate Engineering Colloquium	0.25	EGR: 481: Capstone Design II	2
EGR 480: Capstone Design I	2	Gen Ed SEARCH	3
Gen Ed SEARCH	3	Gen Ed SEARCH	3
Gen Ed SEARCH	3	PHI 215: Environmental Philosophy	3
TOTAL	**14.75**	**TOTAL**	**17.5**
Complete 5 hours of Community Service		Complete 5 hours of Community Service	

ADDITIONAL GRADUATION REQUIREMENTS	RESIDENCY REQUIREMENTS	GRADUATION CREDITS EARNED	
___ SRH 101/HNR 160: FIRST YEAR SEMINAR ___ HUMAN DIVERSITY ___ COMMUNITY SERVICE HOURS ___ OVERALL GPA = 2.0 or higher ___ GPA IN MAJOR = 2.0 or higher ___ 2.5 in Writing Courses ___ SENIOR CAPSTONE: met with EGR 480/481 ___ WRITING ENHANCED COURSE	___ Minimum of 123 non-remedial credits earned ___ 45 of last 60 credits ___ Minimum of 12 Alvernia credits in the major ___ Minimum of 9 Alvernia credits in the minor (if applicable)	Liberal Arts Core credits earned	
		Major and Related Area credits earned	
		Elective and/or Minor credits earned	
		SUBTOTAL	
		SUBTRACT CREDITS EARNED FOR MAT 100, and if applicable COM 100	
		TOTAL GRADUATION CREDITS	

NOTES:

- Academic Completion Plans may not be accurate for declared second majors, depending upon the semester you declare. Completion of such additional major(s) could increase time to degree completion.
- Minors must be declared by the time specified in the current Alvernia Course Catalog and you must meet with your *minor advisor* to determine when the necessary classes are offered since you may not add additional time to degree completion beyond the completion of your major courses to complete the minor.
- The Alvernia 15.4460 Graduation Policy and the current Alvernia Course Catalog detail graduation requirements, honors at graduation, and eligibility to participate in the Commencement Ceremony.
- The Graduation Application is available on-line in myAlvernia on the 'Academics' tab. Seniors must submit the Graduation Application to the Registrar's Office as follows: **October 1 for May Graduation; December 1 for August graduation; and March 1 for December graduation.**

Additional Curriculum Information Resources

Course Catalogs

Students must refer to the Course Catalog for the year they enrolled (matriculated) at Alvernia for program requirements. Students may elect to move to a later year with permission from the Department Chair and Dean and notice to the Registrar. General academic policies in the Course Catalog may be revised by Alvernia during a student's matriculation based on continuously improved practices or federal and state laws and regulations. All such changes will apply to students regardless of matriculation year.

Academic Completion Plans

Academic Completion Plans (formerly 8-semester plans) provides the course timing by semester for each program. Courses will be scheduled based on the Academic Completion Plans and students must enroll in the specific courses listed during the semester indicated.

AUAdvise

Degree Audit uAchieve remains the official source for each student's curriculum audit and provides the opportunity to use the "what if" function to run scenarios for major changes or additions of minors.

EAB Navigate

EAB Navigate is the official tool that faculty, advisors, navigators, and administrators use for alerts as well as student meetings and advising session discussion notes. This tool, together with the student's degree audit from uAchieve comprise the student file that follows the student throughout their matriculation and is accessible by advisors, navigators, and other administrators for official purposes.