

Areas of Study	BSU Course No.	ACI Course No.	Approximate* Semester Credit Hours
Communications	CM 111	SPE 105	3
English Composition	E 101	ENG 101	3
		ENG 301	3
Humanities and Social Sciences			18
General Chemistry and Lab	C 131 (lecture) C 132 (lab)	CHE 141 & 141L or CHE 142 & 142L	ACI = 4 credits each (3 lecture and 1 lab) BSU = 3 credits lecture and 1 lab
Physics (Calculus Based)	PH 211	PHY 271	4
	pH 212	PHY 271L	1
	pH 213	PHY 272	4
	pH 214	PHY 272L	1
Mathematics: Calc or Calc & Analytic Geometry Differential Equations Multivariable and Vector Calculus	M 170	MAT 151/152	4
	M 171		1
	M 175	MAT 251	4
	M 333	MAT 352	4
	M 272 (CE majors) or M 275 (EE/ME majors)	MAT 354	2 or 4
Computer Programming (FORTRAN, PASCAL or PL-1)	CS 113, 115, 117 ***	MAT 137	2
**Engineering Graphics	ENGR 130		
Intro to Engineering	ENGR 105	PHY 105	2
**Engineering Mechanics - Statics	ENGR 120	PHY 170	3
**Engineering Mechanics - Dynamics	ENGR 210	PHY 281	3
	ENGR 220	PHY 301	3
TOTAL			67 to 71
* For exact credit hour, the student is referred to the particular engineering curriculum in the BSU Undergraduate Catalog.			
** Not Required for Electrical Engineering majors, who should take ENGR 240-241 instead. It is desirable to include those courses in the program at Albertson; however, these courses can also be taken at BSU.			
*** CS 117 required for Electrical Engineering majors only.			