



COLLEGE OF ENGINEERING – TRANSFER GUIDE

BUENA VISTA UNIVERSITY

Course work completed at a regionally *accredited* college will transfer when it is approximately equivalent to required course work at U of I. Transfer courses must have a grade of "C-" or above to be applied toward degree. Please have an official transcript sent to: The University of Iowa, Department of Admissions, 107 Calvin Hall, Iowa City, IA 52242 when you have completed the course.

CORE ENGINEERING CURRICULA AND EQUIVALENTS

The University of Iowa Course	UI Sem Hrs	Buena Vista Equivalent	BV Sem Hrs
RHET:1030 Rhetoric (includes 10:6 speech) (4sh limit of rhetoric applies toward degree)	4	ENGL100 ENGL200 CPER105	Written Communication I Written Communication II Public Speaking 3 3 3
CHEM:1110 Principles of Chemistry I	4	CHEM151	General Chemistry 4
PHYS:1611 Introductory Physics I	4	PHYS211	General Physics 1 5
PHYS:1612 Introductory Physics II	4	PHYS212	General Physics 2 5
MATH:1550 Engineering Math I	4	MATH160	Calculus 1: Differential Calculus AND 5
MATH:1560 Engineering Math II	4	MATH161	Calculus 2: Integral Calculus 5
		MATH260	Calculus 3: Intermediate Calculus 4
		MATH261	Calculus 4: Multivariable Calculus 4

*****Students must complete Calculus I, II, and III to receive credit for Engineering Math I & II.**

MATH:2550 (22M:040/033) Matrix Algebra	2	MATH322	Vector Spaces & Linear Algebra	3
MATH:2560 (22M:041/034) Differential Equations	3	MATH361	Differential Equations	3
The following courses may be required depending upon the major selected: <i>Biomedical</i> and <i>chemical</i> majors require a year of college-level chemistry. <i>Industrial</i> engineering majors require an introductory psychology course.				
CHEM:1120 Principles of Chemistry II	4	CHEM152	General Chemistry II	4
CHEM:2210 Organic Chemistry I	3	CHEM261	Organic Chemistry	5
CHEM:2220 Organic Chemistry II	3	CHEM262	Organic Chemistry II	5
CHEM:2410 Organic Chemistry Lab	3		(Labs from Org Chem I & II, short 1 sh.)	

GENERAL EDUCATION REQUIREMENTS

Students must earn at least 15 s.h. in chosen from approved departments and programs. For a list of approved GEC courses go to GEC website link: <http://www.engineering.uiowa.edu/current-students/academic-support/advising/general-education-component>

TRANSFER ADMISSIONS REQUIREMENTS

The College of Engineering is looking for an overall GPA that indicates likely success in engineering. To transfer into the College of Engineering, students must have demonstrated success in math, science and engineering courses (grades of A's and B's in these foundation subjects with no grade lower than a C). At a minimum, transfer students must have completed Calculus I and the equivalent of either Iowa's Principles of Chemistry I or Introductory Physics I (e.g. the first semester of Chemistry designed for majors or the first semester of Calculus-based Physics). Students may transfer into engineering upon the successful completion of the Calculus and Chemistry or Physics; it is not necessary to have 24 hours earned.

ADDITIONAL INFORMATION

The University of Iowa
College of Engineering, 3124 SC
Iowa City, IA 52242
319/355-5763 (or) 800/553-4692
email: engineering-admissions@uiowa.edu

Buena Vista University
4th & College St.
Storm Lake, IA 50588
FAX: 712/749-2037
Phone: 800/383-2821
Admissions: 800/383-9600
www.bvu.edu