



Associate of Arts - Applied Mathematics for Pre-Engineering Concentration

About this Degree

The Associate of Arts with a concentration in applied mathematics for pre-engineering is designed for students who want to pursue a degree in engineering. Individual students can build a customized plan of study that aligns to the future engineering field of choice. Coursework will include traditional math and science courses common to most engineering programs, as well as courses that can be taken online from our engineering degree-offering partner institutions.

ENGR 203 (UND) or ME 223 (NDSU) 3

16

18

Total Credits 67

Contact Information

Department Chair and Faculty Contact

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Department Location

Rhoades Science Center 132

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<http://visit.vcsu.edu/>

(701) 845-7101 or (800) 532-8641

First Year

Fall	Credits	Spring	Credits
COMM 110 (Gen Ed)	3	ENGL 120 (Gen Ed)	3
ENGL 110 (Gen Ed)	3	CIS 170 (Gen Ed)	3
UNIV 150	1	MATH 165 (Gen Ed)	4
Humanities & Fine Arts (Gen Ed)	3	Social Science (Gen Ed)	3
Social Science (Gen Ed)	3	Humanities & Fine Arts (Gen Ed)	3
Add'l Humanities & Fine Arts or Social Science (Gen Ed)	3	Intro to Engineering (UND)	1
	16		17

Second Year

Fall	Credits	Spring	Credits
MATH 166	4	MATH 265	4
CHEM 121 or PHYS 251 (Gen Ed)	5	MATH 330	3
ENGR 201 (UND) or ME 221 (NDSU)	3	CHEM 122 or PHYS 252 (Gen Ed)	5
ENGR XXX (UND or NDSU)	4	ENGR 202 (UND) or ME 222 (NDSU)	3