

Transfer Guide Mechanical Engineering at North Dakota State University

12/14/2021



The following lists the courses you can take at Anoka-Ramsey that will transfer to North Dakota State University for a Bachelor's Degree in Mechanical Engineering.

Degree Requirements

Anoka-Ramsey Math, Science, Computer Science, and Engineering Courses

ARCC Course	Prerequisite	Typically Offered ²	Equivalent NDSU Course
MATH 1400	MATH 1201 or MATH 1210 ¹	Fall, Spring, Summer	MATH 165
MATH 1401	MATH 1400	Fall, Spring, Summer	MATH 166
MATH 2201	MATH 1401	Fall	MATH 129
MATH 2210	MATH 1401	Spring	MATH 266
MATH 2220	MATH 1401	Fall, Spring	MATH 265
PHYS 1328	PHYS 1327	Spring, Summer	PHYS 252 and PHYS 252L
CHEM 1061	MATH 0250 ¹ , and CHEM 1020 or CHEM 1050 or H.S. Chem	Fall, Spring, Summer	CHEM 121
CHEM 1062	CHEM 1061	Fall, Spring, Summer	CHEM 122
ENGR 1111	MATH 0250 ¹	Fall, Spring	ME 212
ENGR 2240	MATH 1400 and CHEM 1061	Fall	ME 351
ENGR 2241	PHYS 1327	Fall	ME 221
ENGR 2242	PHYS 1327	Spring	ME 222
ENGR 2243	ENGR 2241	Spring	ME 223

¹ Math prerequisite can be met with the appropriate score on the math placement test

² While every effort is made to offer courses in the semester(s) indicated, Anoka-Ramsey cannot guarantee this.

Anoka-Ramsey General Education Courses

There are ARCC general education courses may fulfill general education requirements at North Dakota State University. Contact an ARCC academic advisor for more information.

Admission to the North Dakota State University Mechanical Engineering Professional Program (Junior and Senior Years)

Anoka-Ramsey does not offer all of the courses required for admission to the Mechanical Engineering Professional Program. In addition to ENGL 1121 and the courses listed in the transfer table, you will also need to complete IME 330 and ME 213 at North Dakota State University before being admitted to the Mechanical Engineering Professional Program.

Remaining North Dakota State University Courses

ECE 301
ECE 306
ENGR 402
IME 330
ME 111 (Not required if transferring 30 or more credits)
ME 213
ME 331
ME 352
ME 361
ME 412
ME 421
ME 442
ME 443
ME 454
ME 457
ME 461
ME 462
Technical Electives

The information in this guide is subject to change.