

Huntington University

5-Year Guide to Typical Programs, 2023-2028

Electrical Engineering (*B.S. Degree*)

Mathematics (*B.S. Degree*)

Advisors: Dr. Hoffman & Prof. Garwood

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

Fall 2023	Spring 2024	Summer 2024
CH 161/L: Principles of Chemistry I 4 MA 165: Intro to Discrete Mathematics 3 MA 171: Calculus I 4 EN 121: Academic Writing & Research 3 SS 111: First-Year Seminar 1 total 15	MA 172: Calculus II 4 EE 101: Intro to Electrical Engineering 1 EE 201/L: Intro to Digital Electronics & Lab 4 BT ____: Introductory Bible 3 PY 111: Intro to Psychology 3 115: Intro to AR/DM/MU/TH 2 total 17	total
Fall 2024	Spring 2025	Summer 2025
MA 273: Calculus III 4 EE 206/L: Circuit Analysis & Lab 4 EE 304: Computer Aided Measure/Control 3 PHYS251C: University Physics I (Lecture) 3 total 14	* MA 210: History of Mathematics 1 * MA 311: Linear Algebra 3 EE 313/L: Linear Electric Circuits & Lab 4 PHYS252C: University Physics II (Lecture) 3 EX 101: Wellness for Life 2 * PL 260: Introduction to Ethics 3 total 16	PHYS251CL: University Physics I (Lab) 1 PHYS252CL: University Physics II (Lab) 1 total 2
Fall 2025	Spring 2026	Summer 2026
MA 205: Intro to Mathematical Proofs 3 EE 314/L: Signals and Systems & Lab 4 ENGR460: Engineering Economy 3 HS 115: Hist Persp on Cult & Civ I 3 CO 215: Public Speaking 3 total 16	* MA 371: Differential Equations 3 EE 401/L: Electric Drives & Lab 4 EE 405/L: Control Systems I & Lab 4 HS 116: Hist Persp on Cult & Civ II 3 Creative Studio Arts 1 total 15	total
Fall 2026	Spring 2027	Summer 2027
* MA 431: Real Analysis 4 EE 316: Electric & Magnetic Fields 3 EE 321/L: Electronics I & Lab 4 EB 211: Principles of Macroeconomics 3 total 14	* MA 471: Probability & Math Statistics 4 EE 409: Distributed Network 3 EE 421/L: Electronics II & Lab 4 EE 452/L: Embedded Systems & Lab 4 total 15	total
Fall 2027	Spring 2028	Summer 2028
* MA 411: Abstract Algebra 4 EE 480: Senior Design I 3 EE ____: Electrical Engineering Elective 3 EE ____: Electrical Engineering Elective 3 MI 285: Understand the Christian Faith 3 total 16	EE 481: Senior Design II 3 EE ____: Electrical Engineering Elective 3 EE ____: Electrical Engineering Elective 3 BT ____: Bible Elective [300+ level] 3 EN 151: Perspectives on Literature 3 total 15	

NOTES:

- Students who take mathematics or computer science courses must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended mathematics or computer science courses (see mathematics placement policy in Catalog under Academic Information).

*Indicates alternating year course.

Italics indicates University of North Dakota courses.

Underlining indicates required for major.