



**ELECTRICAL ENGINEERING**  
MSU Bozeman 2017-2018  
MSU Billings 2017-2018

These are courses required by the College of Engineering at MSU Bozeman. The general education courses taken at MSU Billings will need to be those required by MSU Bozeman. NOTE: This curriculum depends on whether or not the student enters the pre-engineering curriculum with deficiencies in math and/or science.

MSU Bozeman Course #	Course Title	Credit	MSU Billings Course #	Course Title	Credit
<b>1st Year</b>					
EELE 101	Intro Electrical Fundamentals	3	CSCI 111A	<del>EELE 101</del> <sup>1</sup>	4
WRIT 101W	College Writing I	3	*WRIT 101	<del>WRIT 101</del>	3
M 171Q	Calculus I	4	*M 171	<del>M 171</del>	4
M 172Q	Calculus II	4	*M 172	<del>M 172</del>	4
			M 110	<del>M 110</del>	1
PHSX 220	Physics I (w/ calculus)	4	*PHSX 220/221	<del>PHSX 220/221</del>	4
PHSX 222	Physics II (w/ calculus)	4	*PHSX 232/233	<del>PHSX 232/233</del> & /b	4
COMX 111US or CLS 101US	Intro. Public Communication Knowledge & Community	3	COMX 111	<del>COMX 111</del>	3
CSCI 112	Programming with C I	3		No equivalent	
<b>Total credits</b>		28			27
<b>2nd Year</b>					
CHMY 141	College Chemistry I	4	*CHMY 141	<del>CHMY 141</del> & /b	3
			CHMY 142	<del>CHMY 142</del> /b	1
EELE 261	Intro Logic Circuits	3		No equivalent	
M 273Q	Multivariable Calculus	4	*M 273	<del>M 273</del>	4
M 274	Intro to Diff Equations	4	*M 274	<del>M 274</del>	4
PHSX 224	Physics III	4		No equivalent	
EELE 201	Circuits I for Engineering	4		No equivalent	
EELE 203	Circuits II for Engineering	4		No equivalent	
EGEN 350	Applied Engr Data Analysis	3		No equivalent	
Core		3	General Education		
<b>Total credits</b>		33			24

MSU Bozeman Electrical Engineering program requires 18 credits of approved professional electives, of which at