

## Electrical Engineering 4-Year Plan

Year 1 – UW-Parkside pre-Electrical Engineering					
<i>Fall Semester</i>			<i>Spring Semester</i>		
MATH 221	Calc. & Analytic Geometry I	5	MATH 222	Calc. & Analytic Geometry II	5
PHYS 201	Physics I	5	PHYS 202	Physics II	5
CHEM 101	General Chemistry I	5	PHYS 241		3
			Civ Eng 201-UWM (or equivalent)	Statics	3
		<b>15</b>			<b>16</b>
<i>Winterim Semester</i>			<i>Summer semester</i>		
Gen Ed	ART or HUM or SOC	3	Gen Ed	ART or HUM or SOC	3
Foreign Lang*		4	Foreign Lang*		3
		<b>7</b>			<b>6</b>
Year 2 – UW-Parkside pre-Electrical Engineering					
<i>Fall Semester</i>			<i>Spring Semester</i>		
MATH 223	Calc. & Analytic Geometry III	5	PHYS 303 or MATH 368		3
MATH 317	Diff Equations & Applications	4	PHYS 403	Thermo & Statistical Physics	4
PHYS 302	Electricity & Magnetism	4	CHEM 102	General Chemistry II	5
Civ Eng 202- UWM (or equivalent)	Dynamics	3	Elec Eng 301- UWM (or equivalent)	Electrical Circuits I	3
		<b>16</b>			<b>15</b>
<i>Winterim Semester</i>			<i>Summer Semester</i>		
Gen Ed	ART or HUM or SOC	3	Gen Ed	SOC	3
ENGL	English Competency Req.	3	ENGL	English Competency Requirement	3
		<b>6</b>			<b>6</b>

\*If required, refer to UWM foreign language requirement.

Note: Students should utilize TIS to determine general education courses that transfer to UWM and meet UWM general education requirements.

Year 3 – UWM Electrical Engineering					
Fall Semester			Spring Semester		
MatlEng 201	Engineering Materials	4	ElecEng 330	Electronics I	4
ElecEng 305	Electrical Circuits II	4	ElecEng 310	Signals and Systems	3
ElecEng 354	Digital Logic	3	ElecEng 362	Electromechanical Energ Conv	4
Commun XXX	Part B Oral & Written	3	ElecEng 367	Intro to Microprocessors	4
EAS 200	Professional Seminar	1			
		<b>15</b>			<b>15</b>
Year 4 – UWM Electrical Engineering					
Fall Semester			Spring Semester		
ElecEng 335	Electronics II	4	ElecEng 595	Senior Design	4
ElecEng 420	Random Signals & Systems	3	ElecEng XXX	Technical Electives	9
ElecEng XXX	Technical Electives	9			
		<b>16</b>			<b>13</b>