



Department of Chemistry and Physics  
**Engineering Physics, BS (EPHY)**  
 Suggested Course Sequence - Even Year Start

FALL SEMESTER - Even				SPRING SEMESTER - Odd					
				<b>First Year</b>					
_____	BIBL	1033	Biblical Literature	3	_____	MATH	2013	Calculus II	3
_____	CHEM	1113	General Chemistry I	3	_____	THEO	2043	Biblical Theology	3
_____	CHEM	1111	General Chemistry I Lab	1	_____	ENGL	1023	English Comp II	3
_____	ENGL	1013	English Composition I	3	_____	<b>CHEM</b>	<b>1121</b>	<b>General Chemistry II Lab (s)</b>	1
_____	LETU	1101	Cornerstones	1	_____	<b>CHEM</b>	<b>1123</b>	<b>General Chemistry II (s)</b>	3
_____	MATH	1903	Calculus I	3	_____	<b>PHYS</b>	<b>2013</b>	<b>University Physics I (s)</b>	3
					_____	<b>PHYS</b>	<b>2011</b>	<b>University Physics Lab I (s)</b>	1
<b>Total Semester Hours</b>				<b>14</b>	<b>Total Semester Hours</b>				<b>17</b>

FALL SEMESTER - Odd				SPRING SEMESTER - Even					
				<b>Second Year</b>					
_____	MATH	2013	Calculus III	3	_____	MATH	2023	Differential Equations	3
_____	MEGR	2013	Statics	3	_____	MEGR	2023	Dynamics	3
_____	COSC	1303	Computer Science I	3	_____	PHYS	4414	Optics	4
_____	EEGR	2051	Circuits and Measurements Lab	1	_____	PHYS	3951	Intro to Research	1
_____	EEGR	2053	Electric Circuits	3	_____	BIBL		Bib/Theo Engage Elective	3
_____	<b>PHYS</b>	<b>2023</b>	<b>University Physics II (F)</b>	3					
_____	<b>PHYS</b>	<b>2021</b>	<b>University Physics Lab II (F)</b>	1					
<b>Total Semester Hours</b>				<b>17</b>	<b>Total Semester Hours</b>				<b>14</b>

FALL SEMESTER - Even				SPRING SEMESTER - Odd					
				<b>Third Year</b>					
_____			Ingenuity Elective	3	_____	BIBL		Bib Engage Elective	3
_____	EEGR	4513	Electro. Fields and Waves	3	_____	<b>PHYS</b>	<b>3214</b>	<b>Relativity and Quantum Th (s/o)</b>	4
_____	<b>PHYS</b>	<b>4113</b>	<b>Advanced Mechanics (F/Even)</b>	3	_____	MEGR	3713	Thermodynamics	3
_____	PHYS	4951	Undergraduate Research	1	_____	EEGR	3213	Digital Electronics	3
_____	MATH	2303	Linear Algebra	3	_____			General Elective	3
_____			Civic Engagement Elective	3					
<b>Total Semester Hours</b>				<b>16</b>	<b>Total Semester Hours</b>				<b>16</b>

FALL SEMESTER - Odd				SPRING SEMESTER - Even					
				<b>Fourth Year</b>					
_____	MEGR	3513	Fluid Mechanics	3	_____	<b>PHYS</b>	<b>4253</b>	<b>Adv Quantum Mech (S/Even)</b>	3
_____	<b>PHYS</b>	<b>3323</b>	<b>Atoms, Nuclei and Particles (F/Odd)</b>	3	_____	COMM	1113	Intro To Speech Communicatio	3
_____	PHYS	4951	Undergraduate Research	1	_____	MEGR	4723	Heat Transfer	3
_____			General Elective	3	_____			General Elective	3
_____			Civic Engagement Elective	3	_____	<b>PHYS</b>	<b>4811</b>	<b>Senior Science and Christian Fa</b>	1
<b>Total Semester Hours</b>				<b>13</b>	<b>Total Semester Hours</b>				<b>13</b>
								<b>Total hours</b>	<b>120</b>