

### Checklist of Proposed BS Applied Physics (Health Physics) Revised Curriculum

<b>First Year</b>					
<b>First Semester</b>		<b>Second Semester</b>		<b>Midyear</b>	
Subjects	Credit	Subjects	Credit	Subjects	Credit
GE 1	3	GE 2	3	GE 3	3
CMSC 11	3	Chem 33	5	Math 85	3
Math 83	5	Math 84	5		
Physics 106	5	Physics 107	5		
Physics 106.1	1	Physics 107.1	1		
PE 1	(2)	PE 2	(2)		
NSTP 1		NSTP 2			
<b>Total</b>	<b>17</b>	<b>Total</b>	<b>19</b>	<b>Total</b>	<b>6</b>

<b>Second Year</b>					
<b>First Semester</b>		<b>Second Semester</b>		<b>Midyear</b>	
Subjects	Credit	Subjects	Credit		
Biology 110	5	GE 5	3		
Math 121.1	3	Biology 126	5		
Physics 111	3	Physics 112	3		
Physics 108	5	Physics 121	3		
GE 4	3	Applied Physics 55	3		
PE 2	(2)	PE 2	(2)		

<b>Total</b>	<b>19</b>	<b>Total</b>	<b>17</b>		
<b>Third Year</b>					
<b>First Semester</b>		<b>Second Semester</b>		<b>Midyear</b>	
Subjects	Credit	Subjects	Credit	Subjects	Credit
Applied Physics 111	3	GE 6	3	Applied Physics 190*	3
Physics 130	5	Applied Physics 112	5		
Physics 140	4	Applied Physics 171	1		
Applied Physics 158	4	Applied Physics 163	3		
Applied Physics 180	4	Applied Physics 199	3		
		Applied Physics 195	4		
<b>Total</b>	<b>20</b>	<b>Total</b>	<b>19</b>	<b>Total</b>	<b>3</b>
<b>Fourth Year</b>					
<b>First Semester</b>		<b>Second Semester</b>			
Subjects	Credit	Subjects	Credit		
Applied Physics 197	1	Applied Physics 200	3		
Applied Physics Elective	3	GE 7	3		
Physics 151	3	GE 8	3		
Applied Physics 187	4	Science Elective***	3		
Applied Physics 113	3	PI 100	3		
Applied Physics 191**	3				
<b>Total</b>	<b>17</b>	<b>Total</b>	<b>15</b>		

**Total No. of Units: 152**

\*Required to have 200 hours of work with any program committee-approved institution.

\*\* Current advances and trends in Materials Science (particularly Biomaterials), Nanotechnology, Biophysics/Bioengineering, Biophotonics, Advanced Microscopy, etc... Can be taken more than once, but must be of different topics. Additional Applied Physics 191 courses may be credited as applied physics or science elective.

\*\*\*May take any natural science, health science, or math elective.