

**Department of Applied Physics, Gautam Buddha University**  
**Course Structure of Ph.D. Physics**  
**(Effective from Session 2023-24)**

<b>S. No.</b>	<b>Subject Code</b>	<b>Courses</b>	<b>L-T-P</b>	<b>Credits</b>
<b>1.</b>	<b>AS 601</b>	Research Methodology	4-0-0	4
<b>2.</b>	<b>PH 601</b>	Synthesis and Advanced Characterization Techniques of Materials	3-0-0	3
<b>3.</b>	<b>PH 603</b>	Numerical Computing Methods in Research	3-0-0	3
<b>4.</b>	<b>PH 605</b>	Seminar		2
<b>5.</b>	<b>RPE601</b>	Research and Publication Ethics	2-0-0	
<b>Total</b>			12-0-0	14
<b>Note:</b>				
1. A full time research scholar will complete 14-credits during the course work.				
2. A part-time research scholar (working professional) will complete 11-credits during the course work.				
3. AH601 (Research methodology), PH605 (Seminar) and RPE601 (Research and Publication Ethics) are compulsory for both full-time and part-time students.				