## **Cover Sheet Graduate Annual Report**

Student's name	Research Advisor
Date of this Research Advisory C	ommittee meeting
Is this student making satisfactory	progress toward completion of the degree?
Date student passed their prelimin	nary oral exam:
The committee believes that the e	arliest likely date for completion of the degree is
(da	.te).
Additional comments:	
Signatures:	
Student Committee Members	Research Advisor

It is understood that any comments or estimates in this cover sheet are not to be considered binding and may vary due to the effort put forward by the student or to factors beyond the control of the student or the department.

## **PROGRESS TOWARDS THE DEGREE**

Student's name: \_\_\_\_\_\_ Month/Year when student began graduate studies at Wake Forest: \_\_\_\_\_\_

Month/Year when student passed the Written General Examination:

Month/Year when student completed the Preliminary Oral Exam:

600 Level Courses	Number [	COURSE	WORK	
Physics of Medical Imaging	Phys 604	COURSE	WORK	
Biophysics	Phys 607			
Extragalactic Astro. and Cosmology	Phys 610	Standard Courses	Number Completed	
Intro to Stellar Astronomy	Phys 612	<b>Classical Mechanics</b>	Phys 711	
Phys. of Biological Macromolecules	Phys 620	Flectromagnetism	Phys 712 $\Box$	
Comp. Molecular Biophysics Lab	Phys 623	Lieuomagnetism		
Biophysical Methods Lab	Phys 625	Quantum Mechanics I	Phys 741	
Analytical Mechanics (1/2 sem)	Phys 637	<b>Ouantum Mechanics II</b>	Phys 742	
Electricity & Magnetism (1/2 sem)	Phys 639			
Electricity & Magnetism	Phys 640	Statistical Mechanics	Phys //0	
Thermodynamics/Statistical Mech	Phys 651			
Physical Optics and Optics Design	Phys 652	Recommended Courses	Number Completed	
Introduction to Solid State	Phys 654			
Biophysics Seminar	Phys 661			
Condensed Matter Seminar	Phys 663			
Bioinformatics	Phys 685			
			LJ	
700 Level Courses	Number			
Nonlinear Optics and Quantum Elec	Phys 715		L	
Advanced Quantum Mechanics	Phys 743			
Quantum Field Theory	Phys 744			
Group Theory	Phys 745		L	
Solid State Physics	Phys 752			
Surface Physics	Phys 754		L	
Defects in Solid State	Phys 756			
Grav. & Particle Theory Seminar.	Phys 765		L	
Theory of General Relativity	Phys 780			
Topics in Theoretical Physics	Phys 785			
Math and Computer Courses	Number		L	
Complex Variables	Math 603			
Applied Partial Differential Equation	Math 604			
Partial Differential Equations	Math 652			
General Topology Math 731, 732				
Topics in Applied Mathematics	Math 752			
Topics in Statistics	Math 758			

Fundamentals of Computer Science	CS 112
Data Structures and Algorithms I	CS 235
Data Structures and Algorithms II	CS 236
Numerical Linear Algebra	CS 626
Introduction to Numerical Methods	CS 655
Fundamentals of Image Processing	CS 665
Image Processing	CS 765
Nonlinear optimization	CS 753
Numerical Methods for Partial DE	CS 754

Courses to consider for Biophysics students

<u>Chemistry</u>	
Organic Chemistry	CHM 122
Biochemistry	CHM 370

<u>Biology</u>

Cellular and Molecular Biology	BIO 214
Biomechanics	BIO 322
Biochemistry	BIO 370

BCM 708
BCM 709
BCM 713