THE GEORGE WASHINGTON UNIVERSITY SECONDARY EDUCATION CONTENT AREA PREPARATION DOCUMENTATION FORM CHEMISTRY

Revised: 01/28/12

NAME	SSN		
Email	FAX		
It is expected that an applicant to the Master's have a strong background in chemistry. Specthe minimum of an undergraduate degree in expected that the applicant's undergraduate properties that is consistent with the content are Columbia Teacher Certification and Licensing	cifically, it is expe chemistry or the program of studic a standards prop	ected that an a equivalent. In es should have	pplicant will have addition, it is included science
Undergraduate Major in Chemistry	Yes	No	
Science Deficiencies (Advisor's use only)			
Advisor's Comments:			

Part I

Directions: Please list on this form the courses you have taken which you believe correspond to the requirements for secondary education licensure in Chemistry. Be sure to indicate the entire title of the course as listed on your transcript. Do not write in the Advisor's Approval Column.

LICENSURE REQUIREMENTS FOR CHEMISTRY:

Must include at least one course each in physical chemistry, organic chemistry, analytical chemistry, and biochemistry (total = 12 hours) and 12 hours of other chemistry course (not to include survey courses).

Physical Chemistry (PC) – 3 hours of coursework

Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Organic Chemistry (OC) – 3	hours of cours	ework		
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Analytical Chemistry (AC) –	3 hours of cour	rsework		
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Biochemistry (BC) – 3 hours	of coursework			
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Other Chemistry (CH) – 12 I	 nours of course	work		
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval

Biology (BI) – 6 hours of cours	sework			
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Physics (PH) – 3 to 4 hours of	f coursework			
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Math Elective (MA) – 3 hours	of coursewor			
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
Calculus (CA) – 3 hours of co	 oursework			
Title of Course	Hours/ Credits	Date Taken	Grade Received	Advisor's Approval
List and describe an undergra substantial research experien- research design, your ability to to use mathematics to process			or professional at demonstrates esearch results	experience that include s your knowledge of , as well as your ability
Title of Course or Employmen	t:	· · · · · · · · · · · · · · · · · · ·		
Hours/Credits or Number of Y	ears in a Prof	essional Res	earch Role: _	····
Range of Dates for the Course	e or Experienc	ce:		
Grade Received, if Applicable	, or Research	Publications	, or Other Evid	ence of Work Complete
				
GWU Advisor's Approval:				

In the spaces below, please describe how an undergraduate or graduate role provided you experience in:	course or professional
Designing your own research in a science related field	
Conducting your own research in a science related field	
Using mathematics to analyze the data for your own scientific research	ch
Reporting on your own research in a science related field (cite any patheses)	apers, published work o
Total Credits Required for Chemistry licensure – 39 hours	
Applicants signature:	Date: