

**CHEMISTRY CERTIFICATION**

NAME \_\_\_\_\_ DATE \_\_\_\_\_

HUB \_\_\_\_\_ PHONE \_\_\_\_\_ CLASS \_\_\_\_\_

**SPECIALIZATION REQUIREMENTS**

Course No.	Course Title	Completed	Grade	Need
<b>ALL REQUIRED:</b>				
CHEM 141	Foundations of Chemistry	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 241	Synthesis and Reactivity I	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 242	Synthesis and Reactivity II	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 243	Modern Chemical Analysis	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 244	Equilibrium Systems	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 341	Energy and Structure	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 342	Biochemistry	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 352	Integrated Laboratory	<input type="checkbox"/>	_____	<input type="checkbox"/>
 <b>*One of the following sets of Physics courses:</b>				
PHYS 141	Physics for Life Sciences	<input type="checkbox"/>	_____	<input type="checkbox"/>
<b><u>OR</u></b>				
PHYS 131	Intro Physics	<input type="checkbox"/>	_____	<input type="checkbox"/>
<b><u>AND</u></b>				
PHYS 132	Introductory Physics	<input type="checkbox"/>	_____	<input type="checkbox"/>
<b><u>OR</u></b>				
PHYS 142	Physics for Life Sciences	<input type="checkbox"/>	_____	<input type="checkbox"/>
 <b>*Math courses are required:</b>				
MATH 151	Intro to Calculus	<input type="checkbox"/>	_____	<input type="checkbox"/>
<b><u>AND</u></b>				
MATH 152	Intro to Calculus	<input type="checkbox"/>	_____	<input type="checkbox"/>
<b><u>OR</u></b>				
MATH 161	Calculus I	<input type="checkbox"/>	_____	<input type="checkbox"/>
<b><u>AND</u></b>				
MATH 162	Calculus II	<input type="checkbox"/>	_____	<input type="checkbox"/>
 <b>One of the following:</b>				
CHEM 355	Bio-organic Chemistry	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 431	Inorganic Chemistry	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 490	Advanced Topics in Chemistry	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM 442	Case Studies in Biodiversity	<input type="checkbox"/>	_____	<input type="checkbox"/>
 <b>One Chemistry Research Experience:</b>				
CHEM 550	Independent Research	<input type="checkbox"/>	_____	<input type="checkbox"/>
CHEM _____	Other Research Experience as approved by Chemistry advisor	<input type="checkbox"/>	_____	<input type="checkbox"/>

\* Required for a chemistry major.  
Revised 9-28-04