

## 4-Year Academic Plan Guidelines and Template

**Department: Chemistry**

**Degree, Major (i.e. BS Chemistry): Electrochemical Technology AMP**

### YEAR 1

FALL COURSES	CREDITS	MILESTONES
CH221 or CH224H	4	
CH227	2	
MATH 251	4	
WR121	4	
<b>TOTAL</b>	<b>14</b>	

WINTER COURSES	CREDITS	MILESTONES
CH222 or CH225H	4	
CH228	2	
MATH 252	4	
WR122 or WR123	4	
<b>TOTAL</b>	<b>14</b>	

SPRING COURSES	CREDITS	MILESTONES
CH223 or CH226H	4	
CH229 or CH399 research immersion	3	
MATH 253	4	
A&L and US (e.g. SPAN 218) or SSC + GP (e.g. AFR 215)	4	
<b>TOTAL</b>	<b>15</b>	

### YEAR 2

FALL COURSES	CREDITS	MILESTONES
PHYS 201 or 251	4	
PHSY 204 or PHYS 290	2 or 1	
CH331 or CH 341	4	
CH 337	3	
MATH 256	4	
<b>TOTAL</b>	<b>17 or 16</b>	

WINTER COURSES	CREDITS	MILESTONES
PHYS 202 or 252	4	
PHSY 205 or PHYS 290 (repeatable)	2 or 1	
CH332 or CH 342	4	
CH 338 or CH 348	3	
MATH 281	4	
<b>TOTAL</b>	<b>17 or 16</b>	

SPRING COURSES	CREDITS	MILESTONES
PHYS 201 or 251	4	
PHSY 204 or PHYS 290	2 or 1	

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CH331 or CH 341	4	
CH 349	4	
A&L and US (e.g. SPAN 218) or SSC + GP (e.g. AFR 215)	4	
<b>TOTAL</b>	<b>18 or 17</b>	

#### YEAR 3

FALL COURSES	CREDITS	MILESTONES
CH 411	4	
CH 417	4	
SSC or A&L	4	
SSC or A&L	4	
<b>TOTAL</b>	<b>16</b>	

WINTER COURSES	CREDITS	MILESTONES
CH 412	4	
CH 418	4	
SSC or A&L	4	
SSC or A&L	4	
<b>TOTAL</b>	<b>16</b>	

SPRING COURSES	CREDITS	MILESTONES
CH 413	4	
CH 419	4	
SSC or A&L	4	
SSC or A&L	4	
<b>TOTAL</b>	<b>16</b>	

#### YEAR 4

FALL COURSES	CREDITS	MILESTONES
CH 554 Adv. Electrochem.	4	
CH 691 Anal. Elect. Lab	4	
CH 690 Num. Sim. Elec.	4	
CH 531 Inor. Chem.	4	
CH 689 Professional Development	1	
<b>TOTAL</b>	<b>17</b>	

WINTER COURSES	CREDITS	MILESTONES
CH 692 Elec. Dev. Engineer.	4	
CH 693 Elec. Dev. Lab.	4	
SSC or A&L or US or GP as needed	4	
SSC or A&L or US or GP as needed	4	
<b>TOTAL</b>	<b>16</b>	

SPRING COURSES	CREDITS	MILESTONES
CH 429 Instrumental Analysis	4	
CH 694 App. Elect. Lab	4	

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SSC or A&L or US or GP as needed	4	
SSC or A&L or US or GP as needed	4	
<b>TOTAL</b>	<b>16</b>	

**Total number of credit hours is 189-192.**

- 180-183 count towards undergraduate degree program
- 16 of those are meeting also graduate MS degree requirements
- 8 of the graduate credits are being reserved for graduate credit and not counting toward undergraduate degree
- A total of 12 A&L, US, SSC, GP courses (~48 credits) and 2 writing courses
  - A minimum of 30 credit hours is needed for A&L, US, SSC, GP, so much room for extra as needed, or for honors college students, or for taking other science/math courses
  - The 15 science credit hours is taken care of by science courses

Requirement	Bachelor of Science	Bachelor of Arts	Bachelor of:
			<ul style="list-style-type: none"> <li>• Fine Arts</li> <li>• Education</li> <li>• Music</li> <li>• Music in Education</li> </ul>
			<ul style="list-style-type: none"> <li>• Architecture</li> <li>• Landscape Architecture</li> <li>• Interior Architecture</li> </ul>
<b>Written English:</b>	WR 121 and either 122 or 123. These courses or their equivalents are required for all bachelor's degrees at the UO (C-/P or better)		
<b>Area of Inquiry Requirements:</b> <ul style="list-style-type: none"> <li>• Arts &amp; Letters</li> <li>• Social Science</li> <li>• Science</li> </ul> (See also: <a href="#">Area-Satisfying Courses</a> )	A minimum of 15 credits in approved area-satisfying courses is required in each area.* <b>Each area</b> must include courses in at least two subjects.  <b>Total Minimum Credits:</b> 45 (no more than 3 courses from one subject)	A minimum of 12 credits in approved area-satisfying courses is required in each area.* <b>Each area</b> must include courses in at least two subjects.  <b>Total Minimum Credits:</b> 36 (no more than 3 courses from one subject)	
<b>Cultural Literacy:</b> (See also: <a href="#">Cultural Literacy Courses</a> )	One approved course in each of the following categories: US: Difference, Inequality & Agency; Global Perspectives (Courses must be a minimum of three credits.)		
<b>Second Language:</b> (See also: <a href="#">BA Language Satisfying Courses</a> )		Completion of at least the third term, second year of a second-language course taught in the language (C-/P or better)*	
<b>Mathematics/Computer Science:</b>	One year college-level or equivalent (C-/P or better)*		
<b>Minimum Credits:</b>	180	180	180
<b>Upper-Division Credits:</b>	62	62	62
<b>Total ABCDP* Credits:</b>	168	168	168
<b>UO ABCD Credits:</b>	45	45	45
<b>UO Residence Requirement:</b>	45 after 120	45 after 120	45 after 120
<b>UO Satisfactory Performance:</b>	A University of Oregon GPA of 2.0		
<b>UO Academic Major:</b>	Completion of an academic major required for all bachelor's degrees at the University of Oregon.		

\* Credits from a course may not be used to satisfy area requirements and BA Language or BS Mathematics requirements