

**Checklist for B.S. Degree in Chemistry with Biochemistry Option (Track Two)**

<b>Core Science Courses (79-81 Credits Required)</b>			
<b>Chemistry</b>			
CH 231 (or 231H) & 271	(5 Credits)	CH 324 or CH 421, 422 & 461 <sup>e</sup>	(4-9 Credits)
CH 232 (or 232H) & 272	(5 Credits)	CH 362	(3 Credits)
CH 233 (or 233H) & 273	(5 Credits)	CH 411	(3 Credits)
CH 334	(3 Credits)	CH 412	(3 Credits)
CH 335	(3 Credits)	CH 440	(3 Credits)
CH 336	(3 Credits)	CH 441	(3 Credits)
CH 361	(4 Credits)	CH 442	(3 Credits)
		CH 462 <sup>a</sup> or 462 <sup>a</sup> or 464 <sup>a</sup>	(3 Credits)
<b>Mathematics</b>		<b>Physics</b>	
MTH 251	(4 Credits)	PH 211/221 or 201	(5 Credits)
MTH 252	(4 Credits)	PH 212/222 or 202	(5 Credits)
MTH 254	(4 Credits)	PH 213/223 or 203	(5 Credits)

<b>Biochemistry Option Courses (27-28 Credits Required)</b>			
<b>Biochemistry</b>		<b>Biology</b>	
BB 490	(3 Credits)	BI 221	(4 Credits)
BB 491	(3 Credits)	BI 222	(4 Credits)
BB 492	(3 Credits)	BI 223	(4 Credits)
		BI 311	(4 Credits)
<b>Biochemistry Lab</b>		BB 314	(4 Credits)
BB 493	(3 Credits)		
BB 494	(3 Credits)		

<b>University Baccalaureate Core<sup>b</sup> (37-38 Credits Required)</b>	
<b>Skills</b>	<b>(12 Credits)</b>
WR 121	(3 Credits)
Writing II	(3 Credits)
Speech	(3 Credits)
HHS plus PAC or HHS Lab	(2 Credits + 1 Credits)
<b>Perspectives</b>	<b>(12 Credits)</b>
Western Culture	(3 Credits)
Cultural Diversity	(3 Credits)
Social Processes and Institutions	(3 Credits)
Literature and Arts	(3 Credits)
<b>Difference, Power &amp; Discrimination</b>	<b>(3 Credits)</b>
<b>Synthesis</b>	<b>(6 Credits)</b>
Contemporary Global Issues	(3 Credits)
Science, Technology & Society	(3 Credits)

<b>Other Requirements:</b>	
180 Credits for Graduation	Last 45 credits (or 45 of last 75) completed at OSU
60 Upper Division Credits	Foreign Language <sup>d</sup>

<b>Footnotes</b>	
<sup>A</sup> Meets WIC Requirement. It is strongly recommended that CH 422 be taken as a co-requisite with CH 462.	<sup>B</sup> Courses from approved list. For Perspectives, no more than two courses from one department. For Synthesis, courses must be from different departments. Transfers from Oregon Community Colleges with an AA degree have fulfilled the skills and perspective requirements.
<sup>C</sup> As of Fall 2020, BI 22X replaces BI 21X. A minimum of C- in BI 22X is an enforced prereq for BB 314. BI 22X must be taken in order. If you completed the previous BI 21X series before Fall 2020, this series still meets the requirements here.	<sup>D</sup> Two years of one foreign language in high school. Requirement can also be met by taking two terms of a college-level language (C- or higher) or an approved proficiency test (For students entering in Fall 1997 or later.)
<sup>E</sup> The combination of CH 421, 422 and 461 is recommended for the strongest background in analytical chemistry. With this option, only one inorganic chemistry course (CH 411) is required. This combination increases the total credits of the degree by 2 additional credit hours.	