

## 24-25 Program Map: Secondary Mathematics Education with Concurrent Major in Mathematics Option 2

First Year at LCCC				
Fall Semester				
Course Prefix	Course Number	Course Name	Credit Hours	Notes
STRT	1000	Strategies for Success	3	Gen Ed
MATH	2200	Calculus I	4	USP-Q
CHEM	1020	General Chemistry	4	USP-PN
COSC	1010	Intro to Computer Science	4	
<b>Fall Credit Hours:</b>			<b>15</b>	
Spring Semester				
ENGL	1010	College Composition & Rhetoric	3	USP-C1
MATH	2205	Calculus II	4	USP-Q
BIOL	1010	General Biology	4	USP-PN
EDST	2450	Foundations of Development & Learning	3	USP-H
ITEC	2360	Teaching w/Technology	3	
<b>Spring Credit Hours:</b>			<b>17</b>	
<b>Total Credit Hours:</b>			<b>32</b>	

Second Year at LCCC				
Fall Semester				
Course Prefix	Course Number	Course Name	Credit Hours	Notes
US/WY Constitution*			3	USP-V
MATH	2210	Calculus III	4	
EDST	2250	Educational Assessment	3	
MATH	2250	Elementary Linear Algebra	3	
COMM	2010	Public Speaking	3	USP C2
<b>Fall Credit Hours:</b>			<b>16</b>	
Spring Semester				
Creative Expression*			3	Gen Ed
MATH	2310	Applied Differential Equations	3	
STAT	2050	Fundamentals of Statistics	4	USP-Q
Human Cultures*			3	
EDEX	2484	Intro to Special Education	3	
<b>Spring Credit Hours:</b>			<b>16</b>	
<b>Total Credit Hours:</b>			<b>64</b>	
<b>Total Credit Hours for Associates:</b>				
<b>Apply for WY Substitute Teaching Permit and Residency</b>				

First Year at UW				
<b>Fall Semester</b>				
Course Prefix	Course Number	Course Name	Credit Hours	Notes
MATH	2485	Math Major Seminar	2	
MATH	3500	Algebra I	3	
EDST	3480	Diversity & Politics of Schools	3	USP-H
MATH	3340	Scientific Computing	3	
Math Department Breadth Elective**			3	
EDST	1200	Practicum I	1	
EDST	2200	Practicum II	1	USP-C2
Apply for Residency in Teaching				
<b>Fall Credit Hours:</b>			<b>16</b>	
<b>Spring Semester</b>				
EDST	3100	Teacher as Practitioner	3	USP-C2
MATH	4000	History of Mathematics	3	
MATH	3205	Analysis I	3	
MATH	4510	Algebra II	3	
EDST	3101	Practicum III	2	USP-C2
<b>Spring Credit Hours:</b>			<b>14</b>	
<b>Total Credit Hours:</b>			<b>94</b>	

Second Year at UW				
<b>Fall Semester</b>				
Course Prefix	Course Number	Course Name	Credit Hours	Notes
EDSE	3271	Math Methods I	3	
EDSE	4271	Math Methods II	4	USP-3
MATH	4150	Secondary School on Campus	3	
MATH	4520	Algebra III	3	
MATH	4600	Foundations of Geometry	3	
<b>Fall Credit Hours:</b>			<b>16</b>	
<b>Spring Semester</b>				
EDSE	4500	Residency in Teaching	12	
EDSE	4550	Residency Applications & Synthesis	3	
<b>Spring Credit Hours:</b>			<b>15</b>	
<b>Total Credit Hours:</b>			<b>125</b>	

\*[General Education Core Requirement as identified by Laramie County Community College](#)

\*\*[Elective as identified by the University of Wyoming under the Secondary Mathematics Education with Concurrent Major in Mathematics BA requirements.](#)

Additional Notes:

- Note that all major courses must be passed with a grade of C or better.
- A minimum UW cumulative GPA of 2.75 is required for most Junior and Senior level professional education courses.
- A minimum GPA of 2.50 in major content courses is required.
- A minimum of 42 credits must be upper-division.
- An initial background check must be completed prior to starting any field or practicum experience.
- All Professional Education requirements must be completed with a grade of C or higher