

Valparaiso University Department of Education – Content Requirements

Secondary Mathematics (42 credits minimum)

MATH 131 or 151	<i>Analytic Geometry and Calculus I</i>
MATH 132 or 152	<i>Analytic Geometry and Calculus II</i>
MATH 199	<i>Colloquium</i>
MATH 240 or 253 or 269	<i>Survey Elective (240 strongly recommended)</i>
MATH 264	<i>Linear Algebra I</i>
MATH 265	<i>Linear Algebra II w/ Differential Equations</i>
MATH 299	<i>Colloquium</i>
MATH 399	<i>Colloquium</i>
MATH 421, 451, 461 (select two)	<i>Theory Electives (421 and 461 recommended)</i>
MATH 422 or 452 or 462	<i>Theory Elective</i>
MATH 499	<i>Colloquium</i>
Three additional courses at 300+ level	<i>Applied Electives (314 strongly recommended)</i>
<i>Total Mathematics Credits: 36 credits</i>	
CS 157	<i>Algorithms and Programming</i>
MATH 489	<i>Methods of Teaching Mathematics</i>
<i>Total Credits in Supporting Content Areas 6 credits</i>	
<i>Total Content Requirements for Secondary Mathematics Teaching Majors...42 credits</i>	