

Grades 4 through 8 Academic Requirements

In order to teach	<i>Qualifying coursework recorded on official transcripts</i>
<p>4-8 Generalist/English as a Second Language (ESL) A generalist is certified to teach English Language Arts and Reading, Science, Mathematics and Social Studies</p>	33 semester hours (sh) consisting of: <ul style="list-style-type: none"> • 9 sh English • 9 sh Social Science (history, government/political science, economics or geography) • 6 sh Laboratory Science (biology, physics, chemistry, or geology only) • 3 sh Mathematics (college algebra or above only) • 6 additional sh from any of the above disciplines
<p>English Language Arts and Reading</p>	15 semester hours of English 3 sh summer TMATE Reading course will apply toward certification.
<p>Mathematics*</p>	18 semester hours (sh) consisting of: <ul style="list-style-type: none"> • 3 sh algebra or equivalent • 3 sh geometry • 3 sh calculus • 3 sh statistics • 6 sh advanced (junior/senior level) math
<p>Science*</p>	18 semester hours (sh) consisting of: <ul style="list-style-type: none"> • 8 sh biology • 4 sh chemistry • 3 sh physics or physical science • 3 sh in either geology, earth science or astronomy
<p>Social Studies</p>	18 semester hours (sh) consisting of: <ul style="list-style-type: none"> • 6 sh history • 3 sh government • 3 sh economics • 6 sh in a related field
<p>English Language Arts and Reading/Social Studies (certification in both English Language Arts and Reading and Social Studies)</p>	33 semester hours (sh) consisting of: <ul style="list-style-type: none"> • 15 sh English • 3 sh summer TMATE Reading course will apply toward certification. • 6 sh history • 3 sh government • 3 sh economics • 3 sh in a related field
<p>Mathematics/Science* (certification in both Mathematics and Science)</p>	30 semester hours (sh) consisting of: <ul style="list-style-type: none"> • 3 sh algebra or equivalent • 3 sh geometry • 3 sh calculus • 3 sh statistics • 8 sh biology • 4 sh chemistry • 3 sh physics or physical science • 3 sh in either geology, earth science or astronomy
<p>* Indicates a high need teaching field</p>	