



***Approved Courses at Rochester Community & Technical College  
for  
Elementary Education Major and Specialty Areas***

The following tables list Augsburg College requirements and the corresponding courses at Rochester Community & Technical College that have been reviewed and approved for substitution. This is not a comprehensive list of all requirements for the major, licensure, and/or degree. See the Augsburg College catalog and departmental publications for more information.

An official transcript evaluation will be done to finalize the courses and credits that will be transferred to Augsburg. Please refer to the general transfer guide for more information about transferring credits to Augsburg.

*The following pages include:*

- *Communication Arts specialty*
- *Mathematics specialty*
- *Science specialty*
- *Social Science specialty*



### Elementary Education Major with Communication Arts Specialty

<b><u>CORE COURSES</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>ENL 111</b> Effective Writing	<b>ENGL 1117</b> Reading and Writing Critically I
<b>HPE 115</b> Health & Chemical Dependency Education	<b>HLTH 1132</b> Drug Use and Abuse
<b>BIO 102</b> The Biological World	<b>BIOL 1100*</b> Environmental Biology <b>-AND-</b> <b>BIOL 1101*</b> Elements of Biology
<b>MAT 137</b> Mathematics for Elementary Teachers I*	<i>No equivalent course available at RCTC**</i>
<b>MAT 138</b> Mathematics for Elementary Teachers II	<i>No equivalent course available at RCTC</i>
<b>PHY 103</b> Conceptual Physics	<b>PHYS 1117</b> Introductory Physics I
<b>PHY 114</b> Earth Science for Elementary Teachers	<b>ESCI 1101</b> Earth Systems Science

\* Must take both courses to equal BIO 102.

\*\* MAT 137 has a pre-requisite of Math Placement Group 3. Students may fulfill the pre-requisite by completing one of the following at RCTC: MATH 1113, 1115, 1117, 1119, 1127, 1128, 2218, 2237, or 2238.

<b><u>COMMUNICATION ARTS SPECIALTY</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
One of the following COM courses:	Choose one of:
COM 329 Intercultural Communication	<b>SPCH 2100</b> Intercultural Communication
COM 351 Argumentation**	<b>SPCH 1130</b> Interpersonal Communication
COM 354 Interpersonal Communication	
COM 355 Small Group Communication	
<b>ENL 220</b> Intermediate Expository Writing	<b>ENGL 1118</b> Reading and Writing Critically II
<b>ENL 240</b> Introduction to Literary Study	<i>No equivalent course available at RCTC</i>

\*\* COM 351 has a pre-requisite of a course in public speaking. Students may complete SPCH 1114 *Fundamentals of Public Speaking* at Rochester Community & Technical College to fulfill the pre-requisite for COM 351.



### Elementary Education Major with Mathematics Specialty

<b><u>CORE COURSES</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>ENL 111</b> Effective Writing	<b>ENGL 1117</b> Reading and Writing Critically I
<b>HPE 115</b> Health & Chemical Dependency Education	<b>HLTH 1132</b> Drug Use and Abuse
<b>BIO 102</b> The Biological World	<b>BIOL 1100*</b> Environmental Biology -AND- <b>BIOL 1101*</b> Elements of Biology
<b>PHY 103</b> Conceptual Physics	<b>PHYS 1117</b> Introductory Physics I
<b>PHY 114</b> Earth Science for Elementary Teachers	<b>ESCI 1101</b> Earth Systems Science

\* Must take both courses to equal BIO 102.

<b><u>MATHEMATICS SPECIALTY</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>MAT 114</b> Precalculus	<b>MATH 1117</b> Precalculus
<b>MAT 122</b> Calculus for Social/Behavioral Sciences -OR- <b>MAT 145</b> Calculus I	<b>MATH 1127</b> Calculus I -AND- <b>MATH 1128</b> Calculus II
<b>MAT 163</b> Introductory Statistics -OR- <b>MAT 373</b> Probability and Statistics I	<b>MATH 2208</b> Fundamentals of Statistics
<b>MAT 271</b> Discrete Math	<i>No equivalent course available at RCTC</i>
<b>MAT 252</b> Geometry	<i>No equivalent course available at RCTC</i>
<b>MAT 287</b> History of Math	<i>No equivalent course available at RCTC</i>



## Elementary Education Major with Science Specialty

<b><u>CORE COURSES</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>ENL 111</b> Effective Writing	<b>ENGL 1117</b> Reading and Writing Critically I
<b>HPE 115</b> Health & Chemical Dependency Education	<b>HLTH 1132</b> Drug Use and Abuse
<b>MAT 137</b> Mathematics for Elementary Teachers I*	<i>No equivalent course available at RCTC*</i>
<b>MAT 138</b> Mathematics for Elementary Teachers II	<i>No equivalent course available at RCTC</i>

\* MAT 137 has a pre-requisite of Math Placement Group 3. Students may fulfill the pre-requisite by completing one of the following at RCTC: MATH 1113, 1115, 1117, 1119, 1127, 1128, 2218, 2237, or 2238.

<b><u>SCIENCE SPECIALTY</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>BIO 102</b> The Biological World	<b>BIOL 1100</b> Environmental Biology -AND- <b>BIOL 1101</b> Elements of Biology
<b>BIO 121</b> Human Biology	<b>BIOL 1110</b> Human Biology
One course in <b>Geology</b> (not offered at Augsburg)	<b>ESCI 1114</b> Physical Geology
<b>PHY 116</b> Introduction to Physics	<b>PHYS 1117*</b> Introductory Physics I -AND- <b>PHYS 1118*</b> Introductory Physics II
<b>SCI 106</b> Meteorology	<b>ESCI 1154</b> Introduction to Meteorology
First semester Chemistry course (choose one)	Choose one of:
<b>CHM 105</b> Principles of Chemistry I	<b>CHEM 1117</b> General, Organic, and Biological Chemistry I
<b>CHM 115</b> General Chemistry I	<b>CHEM 1127</b> Chemical Principles II
Second semester Chemistry course (choose one)	Choose one of:
<b>CHM 106</b> Principles of Chemistry II	<b>CHEM 1118</b> General, Organic, and Biological Chemistry II
<b>CHM 116</b> General Chemistry II	<b>CHEM 1128</b> Chemical Principles II

\*Must take both courses to equal SCI 106.



## Elementary Education Major with Social Science Specialty

<b><u>CORE COURSES</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>ENL 111</b> Effective Writing	<b>ENGL 1117</b> Reading and Writing Critically I
<b>HPE 115</b> Health & Chemical Dependency Education	<b>HLTH 1132</b> Drug Use and Abuse
<b>BIO 102</b> The Biological World	<b>BIOL 1100*</b> Environmental Biology <b>-AND-</b> <b>BIOL 1101*</b> Elements of Biology
MAT 137 Mathematics for Elementary Teachers I*	<i>No equivalent course available at RCTC**</i>
MAT 138 Mathematics for Elementary Teachers II	<i>No equivalent course available at RCTC</i>
<b>PHY 103</b> Conceptual Physics	<b>PHYS 1117</b> Introductory Physics I
<b>PHY 114</b> Earth Science for Elementary Teachers	<b>ESCI 1101</b> Earth Systems Science

\* Must take both courses to equal BIO 102.

\*\* MAT 137 has a pre-requisite of Math Placement Group 3. Students may fulfill the pre-requisite by completing one of the following at RCTC: MATH 1113, 1115, 1117, 1119, 1127, 1128, 2218, 2237, or 2238.

<b><u>SOCIAL STUDIES SPECIALTY</u></b>	
<b>Augsburg College Required Courses</b>	<b>Rochester Community &amp; Technical College Equivalent Course</b>
<b>ECO 113</b> Microeconomics	<b>ECON 2214</b> Principles of Economics: Micro
<b>POL 121</b> American Government & Politics	<b>POLS 1615</b> Intro. to American Government
One course in <b>Geography</b> (not offered at Augsburg)	<b>GEOG 1614</b> Human Geography
One of the following courses in U.S. History:	Choose one of:
<b>HIS 120</b> America to 1815	<b>HIST 1624</b> U.S. History to 1865
<b>HIS 121</b> 19 <sup>th</sup> Century U.S.	<b>HIST 1625</b> U.S. History 1865 to Present
<b>HIS 122</b> 20 <sup>th</sup> Century U.S.	
One additional Social Studies courses from:	Choose one of:
<b>HIS 103</b> The Modern World	
<b>HIS 104</b> The Modern Non-Western World	
<b>PSY 105</b> Principles of Psychology	<b>PSYC 2618</b> General Psychology
<b>SOC 121</b> Introduction to Human Society	<b>SOC 1614</b> Introduction to Sociology
<b>SOC 141</b> Foundations of Cultural Anthropology	<b>ANTH 1612</b> Cultural Anthropology