

EQUIVALENCY GRID

**San Diego and Imperial Counties
Community Colleges**

CHEMISTRY

2006-2007

This grid is designed to be an advisement tool only.

**Articulation Office
Cuyamaca College
November 2006**

<i>SDSU</i>	<i>Cuyamaca</i>	<i>Grossmont</i>	<i>IVC</i>	<i>Miracosta</i>	<i>Palomar</i>	<i>SDCCD</i>	<i>SWC</i>
CHEM 100 Introduction to Gen Chemistry (4) Pre: None	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra <i>CAN CHEM 6</i>	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra <i>CAN CHEM 6 or</i> CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	CHEM 100 Introduction to Chemistry (4) Pre: HS algebra or Beg Algebra <i>CAN CHEM 6</i>	CHEM 100 Introductory Chemistry (4) Pre: None <i>CAN CHEM 6</i>	CHEM 100 Fundamentals of Chemistry (4) Pre: HS algebra <i>CAN CHEM 6</i>	CHEM 100 & 100L Fundamentals of Chemistry (3, 1) Pre: None <i>CAN CHEM 6</i>	CHEM 100 Introduction to Gen Chemistry (4) Pre: Elem Algebra <i>CAN CHEM 6</i>
CHEM 105 Prep for General Chemistry (4) Pre: Elem Algebra	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	NE	NE	NE	CHEM 152 & 152L Intro to General Chemistry (3, 1) Adv: Int Algebra	CHEM 170 Prep for General Chemistry (4) Pre: Int Algebra
CHEM 130 Elementary Organic Chemistry Pre: CHEM 100, 105 or 200	CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 <i>CAN CHEM 8</i>	CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 <i>CAN CHEM 8</i>	CHEM 204 Organic Chemistry I (5) Pre: CHEM 202	CHEM 102 Intro to Organic & Biological Chemistry (4) Pre: CHEM 100 or 108 or 110 <i>CAN CHEM 8</i>	CHEM 105 Fundamentals of Organic Chemistry (4) Pre: CHEM 100 or CHEM 110 & 110 L <i>CAN CHEM 8</i>	CHEM 130 Intro to Organic & Biological Chemistry (3) Pre: CHEM 110 & 110L <i>CAN CHEM 8</i>	CHEM 110 Elem Organic & Biological Chemistry (4) Pre: CHEM 100, 170 or 200 <i>CAN CHEM 8</i>
CHEM 160 Introductory Biochemistry (3) Pre: CHEM 130	NE	NE	NE	NE	CHEM 205 Introductory Biochemistry (3) Pre: CHEM 105	CHEM 160 Introductory Biochemistry (3) Pre: CHEM 130	CHEM 160 Introductory Biochemistry (3) Pre: CHEM 110 or CHEM 240
CHEM 200 General Chem (5) Pre: HS chemistry or CHEM 100 or 105, & 2 yrs of HS algebra	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 200 General Inorganic Chemistry I (5) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 110 General Chem (5) Pre: CHEM 108 & Math 101 <i>CAN CHEM 2</i>	CHEM 110 & 110L General Chemistry (3, 2) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 200 & 200L Gen Chem I (3, 2) Pre: Int Algebra & CHEM 152 & 152L <i>CAN CHEM 2</i>	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 <i>CAN CHEM 2</i>
CHEM 201 General Chemistry (5) Pre: CHEM 200	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 202 General Inorganic Chemistry II (5) Pre: CHEM 200 <i>CAN CHEM 4</i>	CHEM 111 General Chemistry (5) Pre: CHEM 110 <i>CAN CHEM 4</i>	CHEM 115 & 115L Gen Chem (3, 2) Pre: CHEM 110 & 110L <i>CAN CHEM 4</i>	CHEM 201 & 201L Gen Chem II (3, 2) Pre: CHEM 200 & 200L <i>CAN CHEM 4</i>	CHEM 210 General Chemistry II (5) Pre: CHEM 200 & Math 101 <i>CAN CHEM 4</i>
CHEM 202 General Chemistry for Engineers (4) Pre: HS chemistry or CHEM 100 or 105, & 2 yrs of HS algebra	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	NE	NE	NE	CHEM 200 & 200L Gen Chem I (3, 2) Pre: Int Algebra & CHEM 152 & 152L <i>CAN CHEM 2</i>	NE
CHEM 231 Organic Chemistry (4) or CHEM 232 & CHEM 232L (3, 1) Pre: CHEM 201	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 204 Organic Chemistry I (5) Pre: CHEM 202	CHEM 210 Organic Chemistry I (5) Pre: CHEM 110	CHEM 220 Organic Chemistry (5) or CHEM 221 Organic Chemistry (5) Pre: CHEM 115 & 115 L	CHEM 231 & 231L Organic Chemistry I (3, 2) Pre: CHEM 201 & 201L	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210

<i>SDSU</i>	<i>Cuyamaca</i>	<i>Grossmont</i>	<i>IVC</i>	<i>Miracosta</i>	<i>Palomar</i>	<i>SDCCD</i>	<i>SWC</i>
CHEM 251 Analytical Chemistry (5) Pre: CHEM 201 & Calculus	NE	NE	CHEM 208 Quantitative Analysis (4) Pre: CHEM 202 <i>CAN CHEM 12</i>	NE	CHEM 210 Anal Chemistry (5) Pre: CHEM 115 & 115L <i>CAN CHEM 12</i>	CHEM 251 Anal Chem (5) Pre: CHEM 201 & 201L & Calc <i>CAN CHEM 12</i>	CHEM 250 Analytical Chemistry (5) Pre: CHEM 210 & MATH 101 or 121 <i>CAN CHEM 12</i>

<i>UCSD</i>	<i>Cuyamaca</i>	<i>Grossmont</i>	<i>IVC</i>	<i>Miracosta</i>	<i>Palomar</i>	<i>SDCCD</i>	<i>SWC</i>
CHEM 4 Basic Chemistry (4 quarter) Pre: PreCalculus	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	NE	CHEM 100 Introductory Chemistry (4) Pre: None <i>CAN CHEM 6</i>	CHEM 100 Fundamentals of Chemistry (4) Pre: HS algebra <i>CAN CHEM 6</i>	CHEM 100 & 100L Fundamentals of Chemistry (3, 1) Pre: None <i>CAN CHEM 6 or</i> CHEM 152 & 152L Intro to General Chemistry (3, 1) Adv: Int Algebra	CHEM 170 Prep for General Chemistry (4) Pre: Int Algebra
CHEM 6A General Chemistry (4 quarter) Pre: HS Chem or Physics	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 200 General Inorganic Chemistry I (5) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 110 General Chem (5) Pre: CHEM 108 & Math 101 <i>CAN CHEM 2</i>	CHEM 110 General Chemistry (3) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 200 Gen Chem I (3) Pre: Int Algebra & CHEM 152 & 152L <i>CAN CHEM 2</i>	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 <i>CAN CHEM 2</i>
CHEM 6B General Chemistry (4 quarter) Pre: CHEM 6A, MATH 10A or 20A or higher course in MATH 10 or 20 sequence	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i> & CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i> & CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 200 General Inorganic Chemistry I (5) Pre: CHEM 100 <i>CAN CHEM 2</i> & CHEM 202 General Inorganic Chemistry II (5) Pre: CHEM 200 <i>CAN CHEM 4</i>	CHEM 110 General Chem (5) Pre: CHEM 108 & Math 101 <i>CAN CHEM 2</i> & CHEM 111 General Chemistry (5) Pre: CHEM 110 <i>CAN CHEM 4</i>	CHEM 110 General Chemistry (3) Pre: CHEM 100 <i>CAN CHEM 2</i> & CHEM 115 Gen Chem (3) Pre: CHEM 110 & 110L <i>CAN CHEM 4</i>	CHEM 200 Gen Chem I (3) Pre: Int Algebra & CHEM 152 & 152L <i>CAN CHEM 2</i> & CHEM 201 <i>General Chemistry II (3)</i> Pre: CHEM 200 & 200L (3, 2) <i>CAN CHEM 2</i>	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 <i>CAN CHEM 2</i> & CHEM 210 General Chemistry II (5) Pre: CHEM 200 & Math 101 <i>CAN CHEM 4</i>
CHEM 6BL Introduction Inorganic Chemistry Laboratory (3 quarter)	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i> & CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 200 General Inorganic Chemistry I (5) Pre: CHEM 100 <i>CAN CHEM 2</i> & CHEM 202 General Inorganic Chemistry II (5) Pre: CHEM 200 <i>CAN CHEM 4</i>	CHEM 111 General Chemistry (5) Pre: CHEM 110 <i>CAN CHEM 4</i>	CHEM 115 L Gen Chem (2) Pre: CHEM 110 & 110L <i>CAN CHEM 4</i>	CHEM 200L Gen Chem I Lab (2) Cor: CHEM 200 <i>CAN CHEM 2</i> & CHEM 201L <i>General Chemistry II Lab</i> (2) Cor: CHEM 201 (3, 2) <i>CAN CHEM 2</i>	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 <i>CAN CHEM 2</i> & CHEM 210 General Chemistry II (5) Pre: CHEM 200 & Math 101 <i>CAN CHEM 4</i>

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CHEM 6C General Chemistry (4 quarter) Pre: CHEM 6B and 6BL (May be taken concurrently)	CHEM 142 General Chemistry II (5) Pre: CHEM 141 CAN CHEM 4	CHEM 142 General Chemistry II (5) Pre: CHEM 141 CAN CHEM 4	CHEM 200 General Inorganic Chemistry I (5) Pre: CHEM 100 CAN CHEM 2 & CHEM 202 General Inorganic Chemistry II (5) Pre: CHEM 200 CAN CHEM 4	CHEM 111 General Chemistry (5) Pre: CHEM 110 CAN CHEM 4	CHEM 115 Gen Chem (3) Pre: CHEM 110 & 110L CAN CHEM 4	CHEM 200 Gen Chem I (3) Pre: Int Algebra & CHEM 152 & 152L CAN CHEM 2 & CHEM 201 General Chemistry II (3) Pre: CHEM 200 & 200L (3, 2) CAN CHEM 2	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 CAN CHEM 2 & CHEM 210 General Chemistry II (5) Pre: CHEM 200 & Math 101 CAN CHEM 4
CHEM 11 The Periodic Table (4 quarter)	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra CAN CHEM 6	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra CAN CHEM 6	NE	CHEM 100 Introductory Chemistry (4) Pre: None CAN CHEM 6	NE	CHEM 100 Fundamentals of Chemistry (3) Pre: None CAN CHEM 6 or CHEM 152 Intro to General Chemistry (3) Adv: Int Algebra	CHEM 100 Introduction to Gen Chemistry (4) Pre: Elem Algebra CAN CHEM 6
CHEM 12 Molecules and Reactions (4 quarter)	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra CAN CHEM 6 & CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 CAN CHEM 8	CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 CAN CHEM 8	NE	CHEM 102 Introduction to Organic and Biological Chemistry (4) Pre: CHEM 100 or CHEM 108 or CHEM 110	CHEM 105 Fundamentals of Organic Chemistry (4) Pre: CHEM 100 or CHEM 110 & 110 L CAN CHEM 8	CHEM 100 Fundamentals of Chemistry (3) Pre: None CAN CHEM 6 & CHEM 130 Intro to Organic & Biological Chemistry (3) Pre: CHEM 110 & 110L CAN CHEM 8	CHEM 110 Elem Organic & Biological Chemistry (4) Pre: CHEM 100, 170 or 200 CAN CHEM 8
CHEM 13 The Chemistry of Life (4 quarter)	CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 CAN CHEM 8	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra CAN CHEM 6 & CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 CAN CHEM 8	NE	NE	CHEM 205 Introductory Biochemistry (3) Pre: CHEM 105	CHEM 100 Fundamentals of Chemistry (3) Pre: None CAN CHEM 6 & CHEM 130 Intro to Organic & Biological Chemistry (3) Pre: CHEM 110 & 110L CAN CHEM 8	NE

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NE	NE	NE	CHEM 208 Quantitative Analysis (4) Pre: CHEM 202 <i>CAN CHEM 12</i>	NE	CHEM 210 Anal Chemistry (5) Pre: CHEM 115 & 115L <i>CAN CHEM 12</i>	CHEM 251 Anal Chem (5) Pre: CHEM 201 & 201L & Calc <i>CAN CHEM 12</i>	CHEM 250 Analytical Chemistry (5) Pre: CHEM 210 & MATH 101 or 121 <i>CAN CHEM 12</i>
CHEM 140A Organic Chemistry (4 quarter) Pre: CHEM 6C	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 204 Organic Chemistry I (5) Pre: CHEM 202	CHEM 210 Organic Chemistry 1 (5) Pre: CHEM 110	CHEM 220 Organic Chemistry (5)	CHEM 231 & 233 Organic Chemistry (I, II) (3,3) (UC) Pre: CHEM 201 & 201L (3, 2)	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210
CHEM 140B	NE	CHEM 232 Organic Chemistry II (5) Pre: CHEM 231	CHEM 204 Organic Chemistry I (5) & CHEM 206 Organic Chemistry II (5) Pre: CHEM 204	CHEM 210 Organic Chemistry 1 (5) & CHEM 211 Organic Chemistry II (5) Pre: CHEM 210	CHEM 220 Organic Chemistry (5) & CHEM 221 Organic Chemistry (5)	CHEM 231 & 233 Organic Chemistry (I, II) (3,3) (UC) Pre: CHEM 201 & 201L (3, 2)	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210 & CHEM 242 Organic Chemistry II (5) Pre: CHEM 240
CHEM 140C	NE	NE	CHEM 204 Organic Chemistry I (5) & CHEM 206 Organic Chemistry II (5) Pre: CHEM 204	CHEM 210 Organic Chemistry 1 (5) & CHEM 211 Organic Chemistry II (5) Pre: CHEM 210	CHEM 220 Organic Chemistry (5) & CHEM 221 Organic Chemistry (5)	CHEM 233 Organic Chemistry II (3)	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210 & CHEM 242 Organic Chemistry II (5) Pre: CHEM 240
CHEM 143A	NE	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 204 Organic Chemistry I (5) & CHEM 206 Organic Chemistry II (5) Pre: CHEM 204	CHEM 210 Organic Chemistry 1 (5) Pre: CHEM 110	CHEM 220 Organic Chemistry (5)	CHEM 231L Organic Chem. Lab I (2)	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210
CHEM 143B	NE	NE	NE	CHEM 210 Organic Chemistry 1 (5) & CHEM 211 Organic Chemistry II (5) Pre: CHEM 210	CHEM 220 Organic Chemistry (5) & CHEM 221 Organic Chemistry (5)	CHEM 233L Organic Chem. Lab II (2)	NE

<i>CSU San Marcos</i>	<i>Cuyamaca</i>	<i>Grossmont</i>	<i>IVC</i>	<i>Miracosta</i>	<i>Palomar</i>	<i>SDCCD</i>	<i>SWC</i>
CHEM 100 & 100L Organic & Biochemistry for Life (3) and Lab (2)	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra <i>CAN CHEM 6</i> & CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 <i>CAN CHEM 8</i>	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra <i>CAN CHEM 6</i> & CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 <i>CAN CHEM 8</i>	NE	CHEM 100 Introductory Chemistry (4) Pre: None <i>CAN CHEM 6</i> & CHEM 102 Intro to Organic & Biological Chemistry (4) Pre: CHEM 100 or 108 or 110 <i>CAN CHEM 8</i>	CHEM 105 Fundamentals of Organic Chemistry (4) Pre: CHEM 100 or CHEM 110 & 110 L <i>CAN CHEM 8</i> & <i>CHEM 205 Introductory Biochemistry (3)</i> Pre: CHEM 105	CHEM 100 & 100L Fundamentals of Chemistry (3, 1) Pre: None <i>CAN CHEM 6</i> & CHEM 130 & 130L Intro to Organic & Biological Chemistry (3, 1) Pre: CHEM 110 & 110L <i>CAN CHEM 8</i>	CHEM 110 Elem Organic & Biological Chemistry (4) Pre: CHEM 100, 170 or 200 <i>CAN CHEM 8</i>
NE	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	NE	CHEM 108 Preparatory Chemistry (3) Pre: Int Algebra	NE	CHEM 152 & 152L Intro to General Chemistry (3, 1) Adv: Int Algebra	CHEM 170 Prep for General Chemistry (4) Pre: Int Algebra
CHEM 150 General Chemistry (5) Pre: Completion of Entry Level Math (ELM)	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 100 Introduction to Chemistry (4) Pre: HS algebra or Beg Algebra <i>CAN CHEM 6</i>	CHEM 110 General Chem (5) Pre: CHEM 108 & Math 101 <i>CAN CHEM 2</i>	CHEM 110 & 110L General Chemistry (3, 2) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 200 & 200L Gen Chem I (3, 2) Pre: Int Algebra & CHEM 152 & 152L <i>CAN CHEM 2</i>	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 <i>CAN CHEM 2</i>
CHEM 201 and 201L Organic Chemistry (3) and Lab (2) Pre: CHEM 150	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 204 Organic Chemistry I (5) Pre: CHEM 202	CHEM 210 Organic Chemistry 1 (5) Pre: CHEM 110	CHEM 220 Organic Chemistry (5)	CHEM 231 & 231L Organic Chemistry I (3, 2) Pre: CHEM 201 & 201L	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210
CHEM 202 & 202L Organic Chemistry (3, 2) Pre: CHEM 201 & 201L	NE	CHEM 232 Organic Chemistry II (5) Pre: CHEM 231	CHEM 206 Organic Chemistry II (5)	CHEM 211 Organic Chemistry II (5) Pre: CHEM 210	CHEM 221 Organic Chemistry (5)	CHEM 233 & 233L Organic Chemistry II (3, 2) Pre: CHEM 231 & 231L	CHEM 242 Organic Chemistry II (5) Pre: CHEM 240
CHEM 250 Quantitative Chemistry (3) Cor: CHEM 275 Pre: CHEM 202 & and Calculus I	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 202 General Inorganic Chemistry II (5) Pre: CHEM 200 <i>CAN CHEM 4</i>	CHEM 111 General Chemistry (5) Pre: CHEM 110 <i>CAN CHEM 4</i>	CHEM 115 Gen Chem (3) Pre: CHEM 110 & 110L <i>CAN CHEM 4</i>	CHEM 201 & 201L Gen Chem II (3, 2) Pre: CHEM 200 & 200L <i>CAN CHEM 4</i>	CHEM 210 General Chemistry II (5) Pre: CHEM 200 & Math 101 <i>CAN CHEM 4</i>
CHEM 275 Quantitative Investigations in Chemistry (3) Pre: Calculus I Cor: CHEM 250	NE	NE	CHEM 208 Quantitative Analysis (4) Pre: CHEM 202 <i>CAN CHEM 12</i>	NE	CHEM 210 Anal Chemistry (5) Pre: CHEM 115 & 115L <i>CAN CHEM 12</i>	CHEM 251 Anal Chem (5) Pre: CHEM 201 & 201L & Calc <i>CAN CHEM 12</i>	CHEM 250 Analytical Chemistry (5) Pre: CHEM 210 & MATH 101 or 121 <i>CAN CHEM 12</i>

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NE	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra <i>CAN CHEM 6</i>	CHEM 115 Fundamentals of Chemistry (4) Pre: El Algebra <i>CAN CHEM 6</i>	CHEM 100 Introduction to Chemistry (4) Pre: HS algebra or Beg Algebra <i>CAN CHEM 6</i>	CHEM 100 Introductory Chemistry (4) Pre: None <i>CAN CHEM 6</i>	CHEM 100 Fundamentals of Chemistry (4) Pre: HS algebra <i>CAN CHEM 6</i>	CHEM 100 & 100L Fundamentals of Chemistry (3, 1) Pre: None <i>CAN CHEM 6</i>	CHEM 100 Introduction to Gen Chemistry (4) Pre: Elem Algebra <i>CAN CHEM 6</i>
NE	CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 <i>CAN CHEM 8</i>	CHEM 116 Introductory Organic & Biochemistry (4) Pre: CHEM 115 <i>CAN CHEM 8</i>	NE	CHEM 102 Intro to Organic & Biological Chemistry (4) Pre: CHEM 100 or 108 or 110 <i>CAN CHEM 8</i>	CHEM 105 Fundamentals of Organic Chemistry (4) Pre: CHEM 100 or CHEM 110 & 110 L <i>CAN CHEM 8</i>	CHEM 130 & 130L Intro to Organic & Biological Chemistry (3, 1) Pre: CHEM 110 & 110L <i>CAN CHEM 8</i>	CHEM 110 Elem Organic & Biological Chemistry (4) Pre: CHEM 100, 170 or 200 <i>CAN CHEM 8</i>
NE	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	CHEM 120 Preparation for General Chem (4) Pre: Int Algebra	NE	CHEM 108 Preparatory Chemistry (3) Pre: Int Algebra	NE	CHEM 152 & 152L Intro to General Chemistry (3, 1) Adv: Int Algebra	CHEM 170 Prep for General Chemistry (4) Pre: Int Algebra
CHEM 151 & 151L General Chemistry (3) and Lab (1) Pre: College Algebra	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 141 General Chemistry I (5) Pre: CHEM 120 <i>CAN CHEM 2</i>	CHEM 200 General Inorganic Chemistry I (5) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 110 General Chem (5) Pre: CHEM 108 & Math 101 <i>CAN CHEM 2</i>	CHEM 110/110L General Chemistry (3, 2) Pre: CHEM 100 <i>CAN CHEM 2</i>	CHEM 200 & 200L Gen Chem I (3, 2) Pre: Int Algebra & CHEM 152 & 152L <i>CAN CHEM 2</i>	CHEM 200 General Chemistry I (5) Pre: CHEM 170 & MATH 65 <i>CAN CHEM 2</i>
CHEM 152 & 152L General Chemistry (3) and Lab (1) Pre: CHEM 151 and 151L	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 142 General Chemistry II (5) Pre: CHEM 141 <i>CAN CHEM 4</i>	CHEM 202 General Inorganic Chemistry II (5) Pre: CHEM 200 <i>CAN CHEM 4</i>	CHEM 111 General Chemistry (5) Pre: CHEM 110 <i>CAN CHEM 4</i>	CHEM 115/115L Gen Chem (3, 2) Pre: CHEM 110 & 110L <i>CAN CHEM 4</i>	CHEM 201 & 201L Gen Chem II (3, 2) Pre: CHEM 200 & 200L <i>CAN CHEM 4</i>	CHEM 210 General Chemistry II (5) Pre: CHEM 200 & Math 101 <i>CAN CHEM 4</i>
CHEM 220 Analytical Chemistry (4) Pre: CHEM 152 & 152L	NE	NE	CHEM 208 Quantitative Analysis (4) Pre: CHEM 202 <i>CAN CHEM 12</i>	NE	CHEM 210 Anal Chemistry (5) Pre: CHEM 115 & 115L <i>CAN CHEM 12</i>	CHEM 251 Anal Chem (5) Pre: CHEM 201 & 201L & Calc <i>CAN CHEM 12</i>	CHEM 250 Analytical Chemistry (5) Pre: CHEM 210 & MATH 101 or 121 <i>CAN CHEM 12</i>
CHEM 301 and 301L (3) Organic Chemistry & Lab (1) Pre: CHEM 152 and 152L	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 231 Organic Chemistry I (5) Pre: CHEM 142	CHEM 204 Organic Chemistry I (5) Pre: CHEM 202	CHEM 210 Organic Chemistry I (5) Pre: CHEM 110	CHEM 220 Organic Chemistry (5)	CHEM 231 & 231L Organic Chemistry I (3, 2) Pre: CHEM 201 & 201L	CHEM 240 Organic Chemistry I (5) Pre: CHEM 210
CHEM 302 & 302L (3) Organic Chemistry and Lab (1) Pre: CHEM 152	NE	CHEM 232 Organic Chemistry II (5) Pre: CHEM 231	CHEM 204 Organic Chemistry I (5) & CHEM 206 Organic Chemistry II (5) Pre: CHEM 204	CHEM 211 Organic Chemistry II (5) Pre: CHEM 210	CHEM 221 Organic Chemistry (5)	CHEM 233 & 233L Organic Chemistry II (3, 2) Pre: CHEM 231 & 231L	CHEM 242 Organic Chemistry II (5) Pre: CHEM 240

