

Approved Chemistry Courses (Minimum Requirement) for MECN Program

COMMUNITY COLLEGES	
Allan Hancock College	Chemistry 120 and 140
American River College	Chemistry 305 <u>or</u> Chemistry 309
Antelope Valley College	Chemistry 101 and 102 <u>or</u> Chemistry 110 and 120
Barstow Community College	Chemistry 100
Barton Community College	CHEM 1802
Bakersfield College	Chemistry B11
Baltimore City Community	Chemistry 103
Baruch College	Chemistry 1003L and 1004
Bates College	Chemistry 107A and 108A
Bellevue College	Chemistry 121 and 131
Bergen Community College	Chemistry 112
Berkeley City College	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Blinn College	Chemistry 1405
Borough of Manhattan CC	Chemistry 121 and 122
Brookdale Community College	Chemistry 136
Cabrillo College	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Canada College	Chemistry 410
Cerritos College	Chemistry 100
Cerro Coso Community College	Chemistry C111 and C113
Chabot College	Chemistry 1A and 1B <u>or</u> Chemistry 3A and 30B
Chaffey College	Chemistry 9 <u>or</u> Chemistry 12
Citrus College	Chemistry 103 and 104 <u>or</u> Chemistry 111 and 112
City College of San Francisco	Chemistry 32
Cleveland Community College	Chemistry 151 and 152 <u>or</u> Chemistry 131 and 132
Coastline Community College	Chemistry 110
College of Alameda	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Community College of Baltimore	Chemistry 121 and 123 <u>or</u> Chemistry 146 and 147
College of the Canyons	Chemistry 201 and 202
College of the Desert	Chemistry 001A and 001B <u>or</u> Chemistry 004 and 005
College of Marin	Chemistry 110
College of San Mateo	Chemistry 210 and 220 <u>or</u> Chemistry 410 and 420
College of Sequoias	Chemistry 001 and 002 <u>or</u> Chemistry 020 and 021
College of Southern Nevada	Chemistry 110 and 111
Columbus State Comm. College	Chemistry 1111 & 1112 <u>or</u> Chemistry 1171 and 1172
Community College of Philadelphia	Chemistry 101 and 102 <u>or</u> Chemistry 103 and 104 <u>or</u> Chemistry 121 and 122
Compton College	Chemistry 20 <u>or</u> Chemistry 102

Contra Costa College	Chemistry 120 and 121
Cosumnes River College	Chemistry 309
Crafton Hills College	Chemistry 101 and 102 <u>or</u> Chemistry 150 and 151
Cuesta College	Chemistry 201A and 201B <u>or</u> Chemistry 210FL & 211
Cypress College	Chemistry 101C and 201C <u>or</u> Chemistry 111AC and 111BC
Dallas Community College	Chemistry 1406
De Anza College	Chemistry 30A and 30B <u>or</u> Chemistry 1A and 1B
Diablo Valley College	Chemistry 107 or Chemistry 120 & 121
East Los Angeles College	Chemistry 51
El Camino College	Chemistry 20
Evergreen Valley College	Chemistry 30A and 30B
Folsom Lake College	Chemistry 305 and 306
Foothill College	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Fresno City College	Chemistry 1A and 1B <u>or</u> Chemistry 3A and 3B
Front Range Community College	Chemistry 102 and 102 <u>or</u> Chemistry 111 and 112
Fullerton College	Chemistry 101F and 201F <u>or</u> Chemistry 111AF and 111BF
Germanna Community College	Chemistry 101 and 102 <u>or</u> Chemistry 111 and 112
Glendale Community College	Chemistry 101 and 102 <u>or</u> Chemistry 120 and 121
Golden West College	Chemistry G110
Grossmont College	Chem 102 <u>or</u> Chemistry 115 and 116
Hartnell College	Chemistry 1A and 1B <u>or</u> Chemistry 22 and 23
Housatonic College	Chemistry E121 & E122
Houston Community College	Chemistry 1305 and 1307 or Chemistry 1405 and 1407 or Chemistry 1411 and 1412
Hunter College	Chemistry 10200 and 10400
Irvine Valley College	Chemistry 4
Ivy Tech Community College	Chemistry 115
Lane Community College	Chemistry 221 and 222
Laney College	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Lee College	Chemistry 1411 and 1412
Long Beach City College	Chemistry 3
Los Angeles City College	Chemistry 101 and 102
Los Angeles Harbor College	Chemistry 65 and 66
Los Angeles Mission College	Chemistry 101 and 102
Los Angeles Pierce College	Chemistry 51
Los Angeles Southwest College	Chemistry 51
Los Angeles Trade Tech	Chemistry 51
Los Angeles Valley College	Chemistry 51
Maricopa Community College	Chemistry 138

Merced College	Chemistry 02A and 02B
Merritt Community College	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Middlesex County College	Chemistry 107
Mission College – Santa Clara	Chemistry *060*55533
Mira Costa College	Chemistry 112
Modesto Junior College	Chemistry 101 and 102 <u>or</u> Chemistry 143 and 144
Moorpark College	Chemistry M11
Monterey Peninsula College	Chemistry 1A and 1B <u>or</u> Chemistry 30A and 30B
Montgomery College	Chemistry 150
Moraine Valley College	Chemistry 111
Mount Holyoke College	Chemistry 101 and 201
Mt San Antonio College	Chemistry 10 and 20 <u>or</u> Chemistry 40 and 20
Mt. San Jacinto College	Chemistry 101 and 102
Napa Valley College	Chemistry 110 and 111 <u>or</u> Chemistry 120 and 121
Nashville State Community College	Chemistry 1030
Nassau Community College	Chemistry 135
North Lake College	Chemistry 1406 and 1407 <u>or</u> Chemistry 1411 and 1412
North Seattle Comm. College	Chemistry 121 and 131
Northern Virginia Community College	Chemistry 101 or 121
Northland Pioneer College	Chemistry 130
Ohlone College	Chemistry 109 <u>or</u> Chemistry 101A and chemistry 101B
Oakton Comm. College	Chemistry 105
Orange Coast College	Chemistry A110
Oxnard College	Chemistry R104
Parkland College	Chemistry 101 and 102 <u>or</u> Chemistry 106 and 107
Palomar College	Chemistry 104
Palo Verde Valley College	NONE
Pasadena City College	Chemistry 1A and 1B <u>or</u> Chemistry 2A and 2B
Pima Community College	Chemistry 130 and 140
Portland Community College	Chemistry 101 and 102 <u>or</u> Chemistry 104 and 105
Pratt Community College	Chemistry 186 and 187
Queensborough College	Chemistry 127 and 128 <u>or</u> Chemistry 151 and 152
Red Rock Community College	Chemistry 111 and 112
Reedley College	Chemistry 1A and 1B <u>or</u> Chemistry 1A and 3B <u>or</u> Chemistry 3A and 3B
Rio Hondo College	Chemistry 101 <u>or</u> Chemistry 110
Rio Salado College	Chemistry 138/138L
Riverside City College	Chemistry 1A and 1B <u>or</u> Chemistry 2A and 2B
Rochester Community and	Chemistry 1117 and Chemistry 1118

Technical College	
Rock Valley College	Chemistry 110 and 210
Sacramento City College	Chemistry 309
Saddleback College	Chemistry 108
San Bernardino Valley College	Chemistry 105
San Diego Community College District	Chemistry 100 and 130 <u>or</u> Chemistry 200 and Chemistry 201
San Joaquin Delta College	Chemistry 1A and 1B <u>or</u> Chemistry 3A and 3B
San Jose City College	Chemistry 32A and 32B
Santa Ana College	Chemistry 210
Santa Barbara City College	Chemistry 104
Santa Clara University	Chemistry 11 and 12
Santiago Canyon College	Chemistry 210
San Diego City College	Chemistry 200 and 201
Santa Monica College	Chemistry 19
Santa Rosa Junior College	Chemistry 60
Sierra College	Chemistry 1A and 1B <u>or</u> Chemistry 2A and 2B <u>or</u> Chemistry 3A and 3B
Solano Community College	Chemistry 51
Southeast Community College	Chemistry 1050
Southwest Tennessee CC	Chemistry 1000
Southwestern College	Chemistry 100 and 110
Skyline College	Chemistry 410
St. Petersburg College	Chemistry 2045 and 2046
SUNY – Westchester	Chemistry I and II
Suffolk County Community College	Chemistry 120 and 121
Tacoma Community College	CHEM 121 and 121 Lab
Ventura College	Chemistry V30
Victor Valley College	Chemistry 100
Virginia Community College	Chemistry 111 and 112
Union County College	Chemistry 105
Washtenaw College	Chemistry 111 and 122
Westmont College	Chemistry 5 and 6
West Los Angeles College	Chemistry 51 <u>or</u> Chemistry 101 and 102
West Valley College	Chemistry 001A and 001B <u>or</u> Chemistry 030A and 030B
Wharton Community College	Chemistry 1405
Whatcom Community College	Chemistry 121 and 131
Woodland Community College	Chemistry 1A and 1B <u>or</u> Chemistry 2A and 2B
FOUR YEAR UNIVERSITIES	
American University of Beirut	General Chemistry 101 and 102
Arizona State University	Chemistry 113 and 116
Azusa Pacific University	Chemistry 111 and 112 <u>or</u> Chemistry 151 and 152 <u>or</u> Chemistry 115
Avila University	Chemistry 131 and 132
Baylor University	Chemistry 1301 and 1302
Biola University	Chemistry 107 and 120
Boise State University	Chemistry 111 and 112
Brigham Young University	Chemistry 105 and 106 <u>or</u> Chemistry

	111 and 112
Boston College	Chemistry 1109 and 1110
Boston University	Chemistry 101 and 102 <u>or</u> Chemistry 171 and 172
Cal Baptist University	Chemistry 102 and 112
Cal Lutheran University	Chemistry 151/L & 152/L
Cal Poly Pomona	Chemistry 121 and 122
Cal Poly, San Luis Obispo	Chemistry 127 and 128
Central Michigan University	Chemistry 131 and 132
Chapman University	Chemistry 140 and 150
Claremont McKenna College	Chemistry 14L and 15L
College of Southern Nevada	Chemistry 110 and 111
Columbia University	Chemistry UN1403 and UN1404
Colorado State University	Chemistry 107 and 108
Cornell University	Chemistry 1560 and 1570 <u>or</u> 2070 and 2080
CSU, Bakersfield	Chemistry 1000 and 2200
CSU, Channel Islands	Chemistry 110
CSU, Dominguez Hills	Chemistry 110 and 112
CSU, East Bay	Chemistry 1601 & 1602 or Chemistry 1101 and 1102 or Chemistry 1615
CSU, Fresno	Chemistry 1A and 1B <u>or</u> Chemistry 3A and 3B
CSU, Fullerton	Chemistry 200
CSU, Long Beach	Chemistry 140
CSU, Los Angeles	Chemistry 1010 and 1020 <u>or</u> Chemistry 1100 and 1110
CSU, Northridge	Chemistry 101 and 102 <u>or</u> Chemistry 103 and 104
CSU, Sacramento	Chemistry 5
CSU, San Bernardino	Chemistry 205 and 206 <u>or</u> Chemistry 215 and 216
CSU Stanislaus	Chemistry 2100
Darton College	Chemistry 1151K
Davidson College	Chemistry 240 and 250
Dillard University	Chemistry 114
Drexel University	Chemistry 101 and 102
East Central University	Chemistry I and II
Edukan University	Chemistry 177 and 178
Emory University	NRSB 206
Florida Memorial University	Chemistry 210 and 212
Florida State University	Chemistry 1045 and 1046
Geneva College	Chemistry 108 or Chemistry 121 or Chemistry 111 and 221
George Washington University	Chemistry 1111 and 1112
Harvard University Extension	Chemistry 1A and 1B
Hawaii Pacific University	Chemistry 2050 and 2052 <u>or</u> Chemistry 2030 and 2052 <u>or</u> Chemistry 1000 and 2030
Hebrew Theological College	Chemistry 140 and 240 or Chemistry 170 and 171
Holy Names University	Chemistry 7

Idaho State University	Chemistry 1101 and 1102
Indiana Univ. Purdue Univ. Indianapolis	Chemistry 11100 AND Chemistry 11200
James Madison University	Chemistry 131 and 132
John Hopkins University	Chemistry AS.030.101 and AS.030.102
Kansas State University	Chemistry 210 and 230 or Chemistry 220 and 230
Kennesaw State University	Chemistry 1151 and 1152
Lehigh University	Chemistry 30 and 31 <u>or</u> Chemistry 40 and 31
Lehman College	Chemistry 166 and 168
Loma Linda University	Chemistry 101and 102
Los Angeles Pacific University	Chemistry 115
Loyola Marymount University	Chemistry 110 and 112
Marian University	Chemistry 100 and 108 or Chemistry 110 and 111
Metro State University	Chemistry 1100 and 2100
MGH Institute of Health Professions	HCHEM 452
Michigan State University	Chemistry 141 and 142
Missouri State University	Chemistry 160 and 170
Montana State University	Chemistry 121 and 123
Mt. St. Mary's College	Chemistry 1080
National University	Chemistry 101 and 360
New York University	Chemistry UA 125 and UA 126 or CM-UY 1003 and 1001
Northeastern University	Chemistry 1101 and 1104
Northern Kentucky University	Chemistry 120 and 121 <u>or</u> Chemistry 120 and 125
Notre Dame	Chemistry 10171 and 10172
Ohio University	Chemistry 1210 and 1220
Ohio State University	Chemistry 1215 and 1220
Oregon State University	Chemistry 121 & 122 or 231 & 232
Pace University	Chemistry 101 and 102
Pepperdine University	Chemistry 120/L and 121/L
Penn State University	Chemistry 101 and 106
Pomona College	Chemistry 1A and 1B
Radford University	Chemistry 101 and 102
Rutgers State University	Chemistry 01:160:128
Sacramento State University	Chemistry 6A and 6B
San Diego State University	Chemistry 102 or Chemistry 201 & 232
San Francisco State University	Chemistry 101&102 or Chemistry 115&215
San Jose State University	Chemistry 001A and 002B
Seattle Pacific University	Chemistry 1211 and 1330
Shanghai Jiaotong University	CA018 and CA022
Shanghai U. of Traditional Med.	Chemistry 01.121.0.1, and 01.121.0.2,
Shanxi Medical Univ. – China	Inorganic, Organic, and Biochemistry
Shaw University	Chemistry 212 and 214
Sonoma State University	Chemistry 105
Southern California U. of Health Sciences	Chemistry (311 and 316) or Chemistry 351

Southern University and A&M	Chemistry 108 and 109
Stanford University	Chemistry 31A and 31B
St. Lawrence University	Chemistry 103/104 and 221/222
SUNY – Rockland C.C.	Chemistry 101 and 102 <u>or</u> Chemistry 101 and 105
Syracuse University	Chemistry 106 and 116
Texas A&M University	CHEM 101 and 102 or CHEM 119 and CHEM 120
Trident Technical College	Chemistry 100 and 105 <u>or</u> Chemistry 110 and 111
Trinity University - Texas	Chemistry 1318 and 2319
University of Arizona	Chemistry 101A and 101B or Chemistry 103A and 103B
UC Berkeley	Chemistry 1A and 1B
UC Berkeley Extension	Chemistry X19A and X19B <u>or</u> Chemistry X16 and X18
UC Davis	Chemistry 2A and 2B
UC Irvine	Chemistry 1A and 1B
UCLA	Chemistry 14A and 14B
UCLA	Chemistry 20A and 20B
UCLA Extension	Chemistry XL 14A and XL 14B
UC Merced	Chemistry 2 and 8
UC San Diego	Chemistry 6A and 6B
UC San Diego Extension	CHEM 40006 and CHEM 40009
UC Santa Cruz	Chemistry 1A and 1B
UC Santa Barbara	Chemistry 1A and 1B
UC Riverside	Chemistry 1A and 1B
United States Air Force Academy	Chemistry 100 and 110
United States Naval Academy	Chemistry SC111 and SC112
University of Bagulo (of the Philippines)	Genchm1/Genchl1 and Orgchm1/Orgchl1
University of Central Florida	Chemistry 2040 and 2041 <u>or</u> Chemistry 1032 and 2205
University of Colorado at Boulder	Chemistry 1113 and 1133
University of Colorado at Denver	Chemistry 2031 and 2061
University of Hawai'i at Manoa	Chemistry BIOC 341
University of Idaho	Chemistry 111 and 112
University of Iowa	Chemistry 1070 and 1080
University of Florida	Chemistry 1030 and 1031
University of Nevada, Las Vegas	Chemistry 110 and 111
University of La Verne	Chemistry 201 and 202
University of Maryland, Baltimore County	Chemistry 123 and 124
UMass Amherst	Chemistry 111 and 112
University of Memphis	Chemistry 1010 and 1020
University of Miami	Chemistry 103 and 104
University of Michigan	Chemistry 210 and 211
University of Minnesota	CHEM 1021/1022 or CHEM 1065/1066

	or CHEM 1081/1082
University of Nevada at Reno	Chemistry 121A and 122A
University of New England	Chemistry 110 and 111
University of New England, Online	Chemistry 1011 and 1020
University of North Carolina, Charlotte	Chemistry 1203 and 1204
University of Oklahoma	Chemistry 1315 and 1415
University of Phoenix	Chemistry 110 and 109 <u>or</u> Chemistry 150 and 151
University of Pittsburgh	Chemistry 110 and 120
University of Puget Sound	Chemistry 110 and 120
University of San Diego	Chemistry 151 and 152
University of San Francisco	Chemistry 111 and 113 or Chemistry 2032
Univ. of Southern California	Chemistry 105aLg and 105bL
University of Utah	CHEM 1110 and 1120 or CHEM 1130
University of Vermont	Chemistry 023 and 026 or Chemistry 023 and 028
University of Virginia	Chemistry 1410 and 1420
University of Washington	CHEM 120 or CHEM 142/152/162
Univ. of Wisconsin-Madison	Chemistry 103 and 104
Univ. of Wisconsin-Stevens Point	Chemistry 105 and 106 <u>or</u> Chemistry 106 and 220 <u>or</u> Chemistry 117 and 220
Usmanu Danfodio University	Biochemistry
Vanguard University	Chemistry 112C <u>or</u> 113
Vanderbilt University	Chemistry 1010 and 1020 <u>or</u> Chemistry 1601 and 1602
Virginia Tech	Chemistry 1035/1036 and 1045/1046
Wayne State University	Chemistry 1220 and 1230
Weber State University	Chemistry 1050 PS or Chemistry 1055
West Coast University	Chemistry 210 or 280
Wheaton College	Chemistry 231 and 232
Whittier College	Chemistry 110A and 110B
Willamette University	Chemistry 115 and 116
Yale University	Chemistry 161a and 165b

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