

General Track with Teaching Credential Required Lower-Division Courses: 25-26 units

CHM 005, 006 General Chemistry I, II (4,4)

MA 009, 010 Elementary Calculus I, II (4,4)

One of the following combinations (9-10)

PHY 011, 013 Physics for Life Sciences I, II (4,4)

PHY 014 Physics for Life Sciences Laboratory (1)

OR

PHY 021, 023 General Physics I, II (4,4)

PHY 022, 024 General Physics Laboratory I, II (1,1)

Required Upper-Division Courses: 68 units

CHM 101, 102 Organic Chemistry I, II (4,4)

CHM 121 Introductory Analytical Chemistry (4)

CHM 195 Seminar (1)

One of the following combinations: (4)

CHM 130 Physical Chemistry I (3)

CHM 132 Physical Chemistry Laboratory I (1)

OR

CHM 135 Introductory Physical Chemistry (3)

CHM 132 or 133 Physical Chemistry Laboratory I or II (1)

Upper-Division CHM Elective (4)

ED 101 Explorations in Teaching (4)

ED 105 Perspectives on Cultural Diversity and Education (4)

ED 111 Educational Psychology (4)

ED 125 Curriculum and Planning (4)

ED 130 Special Education (2)

ED 151 Curriculum, Management, Instruction (2)

ED 161 Technology for the Classroom Teacher (2)

ED 171 Content Area Literacy (4)

ED 191 Student Teaching (12)

ED 196 Student Teaching Seminar (3)

ENG 106 Language Acquisition (4)

KNS 156 Health Education for the Classroom Teacher (2)

Preparation for Teaching Chemistry at the Secondary Level

Students wishing to teach at the high school or junior high level should complete the requirements for a B.A. major, following the general track. In order to complete a fifth-year Credential Program at Westmont, students should also complete four or more of the following (minimum of 12 units) prior to applying to the program.

KNS 156 Health Education for the Classroom Teacher (2)

ENG 106 Language Acquisition (4)

ED 101 Explorations in Teaching (4)

ED 105 Perspectives on Cultural Diversity and Education (4)

ED 130 Special Education (2)

ED 161 Technology for the Classroom Teacher (2)