

| Degree: Health Sciences, B.S.: Public Health Concentration 21-22 |              |  |   |       |
|--|--------------|--|---|-------|
| Requirement Area   | Course       | Course Title                             | Prerequisites   | Units |
| <b>First Semester (FALL)</b>                                     |              |  |   |       |
| E  | GS 101A      | Foundations of Success I                 |   | 1     |
| A1   |              |  |   | 3     |
| D1   | SOC 100      | Introduction to Sociology                |   | 3     |
| LD Major   | HSC 100      | First Year Seminar                       |   | 3     |
| B1/B3/LD Major/Sustainability Overlay                            | ENSC 280     | Humans and the Environment in California |   | 3     |
| C1   |              |  |   | 3     |
|  |              |  | <b>Total:</b>   | 16    |
| <b>Second Semester (SPRING)</b>                                  |              |  |   |       |
| E  | GS 101B      | Foundations of Success II                |   | 1     |
| A2   | ENGL 102     |  |   | 3     |
| C2/LD Major  | HSC 130      | Health Humanities                        |   | 3     |
| Code 1/LD Major/D2   | POSC 101     | American Political Institutions          |   | 3     |
| LD Major   | HSC 110      | Introduction to Health Systems and SDOH  |   | 3     |
| B4/LD Major  | STAT 100     | Elements of Statistics and Probability   |   | 3     |
|  |              |  | <b>Total:</b>   | 16    |
| <b>Third Semester (FALL) (SPRING)</b>                            |              |  |   |       |
| E  |              |  |   | 1     |
| Second Composition   |              |  |   | 3     |
| LD Major/Diversity Overlay                                       | HSC 250      | Health Disparities/Health Equity         | HSC 100 and HSC 110.  | 3     |
| LD Major/B2/B3   | BIOL 230     | Introduction to Clinical Microbiology    |   | 4     |
| A3   | PHIL 100     | Workshop in Critical Thinking            |   | 3     |
|  |              |  | <b>Total:</b>   | 14    |
| <b>Fourth Semester (SPRING)</b>                                  |              |  |   |       |
| LD Major/D2  | ECON 200     | Microeconomics                           |   | 3     |
| Code 2   |              |  |   | 3     |
| Add'l C1 or C2*  |              |  |   | 3     |
| F  |              | Ethnic Studies                           |   | 3     |
| elective   |              |  |   | 2     |
|  |              |  | <b>Total:</b>   | 14    |
| <b>Fifth Semester (FALL)</b>                                     |              |  |   |       |
| UD Major   | HSC 330      | Epidemiology                             | One of: STAT 100, STAT 110, STAT 303A.                      | 3     |
| UD-B/Major elective  | HSC 327      | Genes & Human Health                     |   | 3     |
| UD Major   | HSC 300      | Environmental Health                     | Completion of GE areas A1, A2, A3 and B4 ; and ENSC 280.    | 3     |
| UD Major   | HSC 355      | Bioethics                                | HSC 100 and HSC 130.  | 3     |
| UD Major   | HSC 310      | Community-Engaged Health Promotion       | All of: HSC 130, HSC 250, HSC 315.                          | 3     |
|  |              |  | <b>Total:</b>   | 15    |
| <b>Sixth Semester (SPRING)</b>                                   |              |  |   |       |
| UD-D/Overlay   |              |  |   | 3     |
| UD Major   | HSC 315      | Public Health                            | HSC 100 and HSC 110.  | 3     |
| UD Major   | HSC 360      | Health Law                               | HSC 110.  | 3     |
| UD Major   | HSC 375      | Program Planning & Evaluation            | BS HSC major, HSC 130 and HSC 250.                          | 3     |
| UD Major   | ECON 370     | Health Economics                         | ECON 200 and HSC 110  | 3     |
|  |              |  | <b>Total:</b>   | 15    |
| <b>Seventh Semester (FALL)</b>                                   |              |  |   |       |
| UD-C   |              |  |   | 3     |
| UD Major   | HSC 400      | Health Policy Research & Analysis        | HSC 315.  | 3     |
| UD Major   | HSC 410      | Qualitative Methods In Health Sciences   | HSC 130 and HSC 250.  | 3     |
| UD Major   | HSC elective |  |   | 3     |
| UD Major   | HSC elective |  |   | 3     |
|  |              |  | <b>Total:</b>   | 15    |
| <b>Eighth Semester (SPRING)</b>                                  |              |  |   |       |
| UD Major   | HSC 499      | Capstone in Health Science               | B.S. HSC: Concentration in Public Health major and HSC 400. | 3     |
| UD Major   | HSC 450      | Health Communication                     | HSC 315 and HSC 360.  | 3     |
| UD Major   | HSC 350      | Health Behavior & Educ. Theory           | All of: HSC 130, HSC 300, HSC 315.                          | 3     |
| UD Major   | elective     |  |   | 3     |
| UD Major   | elective     |  |   | 3     |
|  |              |  | <b>Total:</b>   | 15    |
| <b>Total Units:</b>  |              |  |   | 120   |

\*Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type Change period. There are no exceptions to this rule. Courses in a student's major department, regardless of course prefix, may not be taken "CR/NC," unless that is the only grading pattern in the course

| CSUEB General Breadth and Graduation Requirement Checklist   |  |
|--|--|
| <b>Area A (9 units): Communication in the English Language &amp; Critical Thinking (Must earn passing grade of C-/CR or better)</b>  |  |
| <input type="checkbox"/> A1. COMM 100 or 104, MLL 111  |  |
| <input type="checkbox"/> A2. ENGL 101, 102, or 104   |  |
| <input type="checkbox"/> A3. PHIL 100  |  |
| <b>Area B (9 units) : Scientific Inquiry &amp; Quantitative Reasoning</b>  |  |
| <input type="checkbox"/> B1. Physical Science  |  |
| <input type="checkbox"/> B2. Life Science  |  |
| <input type="checkbox"/> B3. Laboratory Activity   |  |
| <input type="checkbox"/> B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)  |  |
| <b>Area C (9 units): Arts &amp; Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)</b>  |  |
| <input type="checkbox"/> C1. Arts  |  |
| <input type="checkbox"/> C2. Humanities  |  |
| <input type="checkbox"/> *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)  |  |
| <b>Area D (6 units) : Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)</b>   |  |
| <input type="checkbox"/> D1.   |  |
| <input type="checkbox"/> D2.   |  |
| <b>Area E (3 units) : Lifelong Learning and Self-Development</b>   |  |
| <input type="checkbox"/> E.  |  |
| <b>Area F (3 units): Ethnic Studies</b>  |  |
| <input type="checkbox"/> F.  |  |
| <b>Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.</b>   |  |
| <input type="checkbox"/> Second Composition  |  |
| <b>U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State &amp; Local Government).</b>   |  |
| <input type="checkbox"/> Code 1.   |  |
| <input type="checkbox"/> Code 2.   |  |
| <b>Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)</b>   |  |
| <input type="checkbox"/> UD-B. Upper-division Science Inquiry and Quantitative Reasoning   |  |
| <input type="checkbox"/> UD-C. Upper-division Arts OR Humanities   |  |
| <input type="checkbox"/> UD-D. Upper-division Social Sciences  |  |
| <b>Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major</b>   |  |
| <input type="checkbox"/> Diversity (Div)   |  |
| <input type="checkbox"/> Social Justice (SJ)   |  |
| <input type="checkbox"/> Sustainability (S)  |  |
| <b>Elective Courses</b>  |  |
| 12 units of electives are required. Choose in each of the following groups:  |  |
| Human Health and Disease Elective Group  |  |
| Students should choose one (1) course for 3 units from the following:<br>HSC 115 - Human Health and Wellness Units: 3<br>C2; Social Justice<br>HSC 327 - Genes and Human Health Units: 3 ; G.E./G.R. Area: UD-B  |  |
| HSC 385 - Vector Control Units: 3<br>HSC 405 - Toxicology Units: 3   |  |
| Experiential Electives Group   |  |
| Students must select one (1) course for 3 units from the following:<br>HSC 423 - Homelessness, Urban Poverty, and Health Units: 3<br>HSC 440 - Global Health and Disability Units: 3 ; G.E./G.R. Area: UD-D; Social Justice<br>HSC 460 - Emergency Preparedness and Response Units: 3  |  |
| General Electives Group  |  |
| Students must take an additional 6 units from the following courses. Courses not already taken in the other elective groups may be taken as part of the General Elective units:<br>HSC 323 - Plagues, Peoples, and Populations Units: 3  |  |
| HSC 325 - Health Care Payment Systems Units: 3<br>HSC 335 - Pharmaceutical, Biotechnology and Medical Device Policy Units: 3<br>Justice  |  |
| HSC 345 - Aging and Long Term Care Units: 3  |  |
| HSC 365 - Mental Health and Policy Units: 3  |  |
| HSC 375 - Program Planning and Evaluation Units: 3<br>HSC 380 - Health Regulation Units: 3<br>Health Units: 3 ; G.E./G.R. Area: UD-C   |  |
| HSC 410 - Qualitative Methods in the Health Sciences Units: 3<br>HSC 420 - Occupational Health Units: 3<br>HSC 435 - Life Course Perspective on Health Units: 3 ; G.E./G.R. Area: UD-B   |  |
| HSC 445 - HIV/AIDS in a Global Context Units: 3<br>HSC 465 - Health Data and Information Management Units: 3<br>HSC 470 - Health and The Built Environment Units: 3<br>HSC 480 - State and Local Health Systems Units: 3<br>HSC 485 - Applications of Research Methods in Health Sciences Units: 3<br>HSC 497 - Issues in Health Sciences Units: 3 |  |