Minor in Chemistry Minor Requirements Worksheet 2014-2015 Catalog

| | | | 2014-2015 Catalog | |
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| Name: | | | | |
| courses. This ch which is the office Students policy. that a student m Any additional of | hecklist is to ir cial graduation Under this po nust file a Req degree objectiv | nform students of minor rent verification. Before additionallicy, students may earn usest to Graduate form with ves (e.g., majors, minors, | | ent Services prepares the Academic Requirements Report, rill affect CSULB's Timely Graduation for Undergraduate their <u>declared primary major</u> . In addition, the policy requires ad 100% of the units required for the declared primary major |
| The minor | in Chemis | stry (minimum of | 22 units) is available to any non-Chemistr | ry or non-Biochemistry major. |
| Semester | Grade | Course # | Course Title | Prerequisites** (all with grades of "C" or better) |
| | | CHEM 111A | General Chemistry (5) | A passing score on the CPT; Corequisite: MATH 109 or higher |
| | | CHEM 111B | General Chemistry (5) | CHEM 111A and MATH 113 |
| | | | <u>um</u> of nine units must be taken from uppe | - |
| may use co | urses fron | n only ONE of the | e paths to meet the requirements of the mi | |
| Semester | Grade | Course # | Course Title | Prerequisites** (all with grades of "C" or better) |
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| | | STRY PATHS Organic Chemistry | you may take classes from only one of the pa | ths to meet the requirements of the minor: |
| Path 1: CF | HEM 227 | 1 | 1 | |
| | | CHEM 227 | Fundamentals of Organic Chemistry (3) | CHEM 111A; CHEM 111B is recommended |
| Path 2: CI | HEM 220. | A and 220B | | |
| | | CHEM 220A | Organic Chemistry I (3) | CHEM 111B; CHEM 223A must be taken concurrently if required by a degree plan. |
| | | CHEM 220B | Organic Chemistry II (3) | CHEM 220A; Corequisite: CHEM 223B or CHEM 320L. |
| | | STRY PATHS Physical Chemistry | y you may take classes from only one of the pa | aths to meet the requirements of the minor: |
| Path 1: CI | HEM 371. | A and 371B | | |
| | | CHEM 371A | Thermodynamics and Kinetics (3) | CHEM 111B, MATH 123, and PHYS 152 |
| | | CHEM 371 B | Quantum Mech. and Spectroscopy (3) | CHEM 111B, MATH 123, and PHYS 152 |
| Path 2: CI | HEM 375 | | | |
| | | CHEM 375 | Physical Chemistry for Engineers (3) | MATH 123; PHYS 151 and either PHYS 152 or EE 210/EE 210L; CH E 310; CHEM 111A/B; and CHEM 220A or 227 |
| Path 3: CF | HEM 377. | A and 377B | 1 | CILLWI 1117/D, and CILLWI 220A 01 221 |
| | | CHEM 377A | Fundamentals of Phys. Chemistry (3) | CHEM 251, MATH 123, and PHYS 152. |
| | | CHEM 377 B | Fundamentals of Phys. Chemistry (3) | CHEM 251, MATH 122, and PHYS 152. |

**See catalog for more detail 06/14 LB

Corequisite: MATH 123.

^{*}The following courses are not acceptable towards the minor: CHEM 90, 100, 101, 105, 140, 224, 302, and 361.