

# Chemistry Major

## *B.A. Sample Program Plans*

### Math Placement is Math009A

|                   | Fall  | Winter   | Spring  |
|-------------------|---|--|---|
| <b>Year One</b>   | CHEM001A, 1LA (5)<br>MATH009A (4)<br>ENGL001A (4)<br>H/SS Breadth (4)         | CHEM001B, 1LB (5)<br>MATH009B (4)<br>ENGL001B (4)<br>H/SS Breadth (4)                | CHEM001C, 1LC (5)<br>MATH009C (4)<br>Biol course w/lab (4)<br>ENGL001C (4) <sup>1</sup> |
|                   | 17  | 17   | 17  |
| <b>Year Two</b>   | CHEM112A (4)<br>MATH010A (4)<br>PHYS040A <sup>2</sup> (5)<br>H/SS Breadth (4) | CHEM112B (4)<br>CHEM005 (5)<br>PHYS040B <sup>2</sup> (5)                             | CHEM112C (4)<br>PHYS040C <sup>2</sup> (5)<br>H/SS Breadth (4)                           |
|                   | 17  | 14   | 13  |
| <b>Year Three</b> | CHEM110A (4)<br>CHEM125 (5)<br>H/SS Breadth (4)<br>Language 1 (4)             | CHEM110B (4)<br>CHEM150A (4)<br>H/SS Breadth (4)<br>Language 2 (4)                   | CHEM113 (4)<br>CHEM191 (1)<br>H/SS Breadth (4)<br>Language 3 (4)                        |
|                   | 17  | 16   | 13  |
| <b>Year Four</b>  | H/SS Breadth (4)<br>H/SS Breadth (4)<br>Language 4 (4)                        | CHEM111 (4) <sup>3</sup><br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4) | H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)                                |
|                   | 12  | 16   | 12  |

<sup>1</sup>ENGL001C available during any UCR Summer Session or eligible for senior year enrollment

<sup>2</sup>May take PHYS 002A & 02LA, 002B & 02LB, 002C & 02LC or PHYS 040ABC to fulfill Physics requirement for BA program.

<sup>3</sup>See UCR catalog for elective options.

#### Math Sequences:

ARC or MATH 6:           ARC 35 – MATH 6A – MATH 6B – MATH 9A – MATH 9B – MATH 9C

MATH 5 or 9:           MATH 5 – MATH 9A – MATH 9B – MATH 9C



# Chemistry Major

## *B.A. Sample Program Plans*

### Math Placement is Math005

|                   | Fall   | Winter   | Spring  | Summer                            |
|-------------------|--|--|---|-----------------------------------|
| <b>Year One</b>   | CHEM001W (3)<br>MATH005 (5)<br>ENGL001A (4)<br>H/SS Breadth (4)        | CHEM001A, 1LA (5)<br>MATH009A (4)<br>ENGL001B (4)<br>H/SS Breadth (4)            | CHEM001B, 1LB (5)<br>MATH009B (4)<br>ENGL001C (4) <sup>1</sup><br>Biol course w/lab (4) | CHEM001C, 1LC (5)<br>MATH009C (4) |
|                   | 15   | 17   | 17  | 5                                 |
| <b>Year Two</b>   | CHEM112A (4)<br>MATH010A (4)<br>PHYS040A (5) <sup>2</sup>              | CHEM112B (4)<br>PHYS040B (5) <sup>2</sup><br>H/SS Breadth (4)                    | CHEM112C (4)<br>PHYS040C (5) <sup>2</sup><br>Language 1 (4)                             |                                   |
|                   | 13   | 13   | 13  |                                   |
| <b>Year Three</b> | CHEM110A (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>Language 2 (4) | CHEM005 (5)<br>CHEM110B (4)<br>H/SS Breadth (4)<br>Language 3 (4)                | CHEM113 (4)<br>CHEM191 (1)<br>H/SS Breadth (4)<br>H/SS Breadth (4)                      |                                   |
|                   | 16   | 17   | 13  |                                   |
| <b>Year Four</b>  | CHEM125 (5)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>Language 4 (4)  | CHEM111 (4) <sup>3</sup><br>CHEM150A (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4) | H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)                                |                                   |
|                   | 17   | 16   | 12  |                                   |

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## *B.A. Sample Program Plans*

### Math Placement is Math006A

|                   | Fall   | Winter   | Spring  | Summer            |
|-------------------|--|--|---|-------------------|
| <b>Year One</b>   | CHEM001W (3)<br>MATH006A (4)<br>ENGL001A (4)<br>H/SS Breadth (4)       | CHEM001A, 1LA (5)<br>MATH006B (4)<br>ENGL001B (4)<br>H/SS Breadth (4)            | CHEM001B, 1LB (5)<br>MATH009A (4)<br>ENGL001C (4) <sup>1</sup><br>Biol course w/lab (4) | CHEM001C, 1LC (5) |
|                   | 15   | 17   | 17  | 5                 |
| <b>Year Two</b>   | CHEM112A (4)<br>MATH009B (4)<br>PHYS040A (5) <sup>2</sup>              | CHEM112B (4)<br>MATH009C (4)<br>PHYS040B (5) <sup>2</sup>                        | CHEM112C (4)<br>MATH010A (4)<br>PHYS040C (5) <sup>2</sup>                               |                   |
|                   | 13   | 13   | 13  |                   |
| <b>Year Three</b> | CHEM110A (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>Language 1 (4) | CHEM005 (5)<br>CHEM110B (4)<br>H/SS Breadth (4)<br>Language 2 (4)                | CHEM113 (4)<br>CHEM191 (1)<br>H/SS Breadth (4)<br>Language 3 (4)                        |                   |
|                   | 16   | 17   | 13  |                   |
| <b>Year Four</b>  | CHEM125 (5)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>Language 4 (4)  | CHEM111 (4) <sup>3</sup><br>CHEM150A (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4) | H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)            |                   |
|                   | 17   | 16   | 16  |                   |

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## *B.A. Sample Program Plans*

### Math Placement is ARC 35

|                 | Fall  | Winter   | Spring   | Summer                                 |
|-----------------|---|--|--|--|
| <b>Year One</b> | ARC35 (0)<br>ENGL001A (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4) | MATH006A (5)<br>ENGL001B (4)<br>H/SS Breadth (4) | MATH006B (5)<br>ENGL001C (4) <sup>1</sup><br>Biol course w/lab (4)<br>H/SS Breadth (4) | CHEM001A, 1LA (5)<br>CHEM001B, 1LB (5) |
| Units           |   |  |  |  |
| Term            | 12  | 13   | 13   | 9                                      |

|                 |   |   |   |   |
|-----------------|---|---|---|---|
| <b>Year Two</b> | CHEM001C, 1LC (5)<br>MATH009A (4)<br>H/SS Breadth (4) | CHEM112A (4)<br>MATH009B (4)<br>PHYS040A (5) <sup>2</sup> | CHEM112B (4)<br>MATH009C (4)<br>PHYS040B (5) <sup>2</sup> | MATH010A (4)<br>PHYS040C (5) <sup>2</sup> |
| Units           |   |   |   |   |
| Term            | 13  | 14  | 17  |   |

|                   |  |   |  |
|-------------------|--|---|--|
| <b>Year Three</b> | CHEM110A (4)<br>CHEM112C (4)<br>H/SS Breadth (4)<br>Language 1 (4) | CHEM005 (5)<br>CHEM110B (4)<br>H/SS Breadth (4)<br>Language 2 (4) | CHEM113 (4)<br>CHEM191 (1)<br>H/SS Breadth (4)<br>Language 3 (4) |
| Units             |  |   |  |
| Term              | 16   | 17  | 13   |

|                  |   |  |  |
|------------------|---|--|--|
| <b>Year Four</b> | CHEM125 (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>Language 4 (4) | CHEM111 (4) <sup>3</sup><br>CHEM150A (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4) | H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4)<br>H/SS Breadth (4) |
| Units            |   |  |  |
| Term             | 16  | 16   | 16   |

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