



## MCLA in 4: Sample Degree Completion Plan\* CHEMISTRY

### First Year (Fall)

|          |                                 |
|----------|---------------------------------|
| CHEM150  | Introduction to Chemistry I (4) |
| MATH150  | Precalculus (CMA)               |
| ENGL150  | College Writing II (CWR)        |
| CSS1xx   | Self & Society 100 level (CSS)  |
| Elective | Free Elective                   |

### Second Year (Fall)

|          |                                      |
|----------|--------------------------------------|
| CHEM201  | Organic Chemistry I (4)              |
| CHEM250  | Inorganic Chemistry                  |
| PHYS151  | Introduction to Physics I (CSTL) (4) |
| MATH320  | Calculus II                          |
| PHED 1xx | Phys Ed activity class (1)           |

### Third Year (Fall)

|          |                                |
|----------|--------------------------------|
| CHEM301  | Physical Chemistry I           |
| BIOL360  | Biochemistry                   |
| CSS2xx   | Self & Society 200 level (CSS) |
| Elective | Free Elective (or MODL101)     |
| Elective | Free Elective (upper level)    |

### Fourth Year (Fall)

|          |                                   |
|----------|-----------------------------------|
| CHEM410  | Instrumental Methods in Chemistry |
| CCA2xx   | Creative Arts 200 level (CCA)     |
| Elective | Free Elective (upper level)       |
| Elective | Free Elective (upper level)       |
| Elective | Free Elective                     |

### First Year (Spring)

|         |                                    |
|---------|------------------------------------|
| CHEM152 | Introduction to Chemistry II (4)   |
| MATH220 | Calculus I                         |
| BIOL150 | Introduction to Biology (CSTL) (4) |
| CCA1xx  | Creative Arts 100 level (CCA)      |
| CCCL100 | Computing & Comm (CCL)             |

### Second Year (Spring)

|          |                                |
|----------|--------------------------------|
| CHEM202  | Organic Chemistry II           |
| CHEM310  | Analytical Chemistry           |
| PHYS152  | Introduction to Physics II (4) |
| CHH1xx   | Human Heritage 100 level (CHH) |
| PHED 1xx | Phys Ed activity class (1)     |

### Third Year (Spring)

|          |                                |
|----------|--------------------------------|
| CHEM302  | Physical Chemistry II          |
| CHEM401  | Advanced Lab                   |
| CHH2xx   | Human Heritage 200 level (CHH) |
| MODL102  | Elementary Language II (CLA)   |
| Elective | Free Elective (upper level)    |

### Fourth Year (Spring)

|          |                              |
|----------|------------------------------|
| CHEM490  | Chemistry Seminar (1)        |
| CCAP300  | Tier III Core Capstone (CAP) |
| Elective | Free Elective (upper level)  |
| Elective | Free Elective (upper level)  |
| Elective | Free Elective                |

*\*This is a sample 4-year plan to complete the major(s) listed above. While we believe that this represents an accurate depiction of the requirements, there are other pathways to degree completion. We strongly recommend that you meet with your academic advisor(s) regularly to review your requirements and progress toward graduation.*

| CORE CURRICULUM                   | code      |
|-----------------------------------|-----------|
| Tier I Reading, Thinking, Writing | CWR       |
| Tier I Quantitative Reasoning     | CMA       |
| Tier I Computing & Technology     | CCL       |
| Tier I Language Arts              | CLA       |
| Tier II Creative Arts             | CCA       |
| Tier II Human Heritage            | CHH       |
| Tier II Self & Society            | CSS       |
| Tier II Science & Technology      | CSTL, CST |
| Tier III Core Capstone            | CAP       |

ALL COURSES 3 credits unless noted (#)



## MCLA CO-CURRICULAR AND CAREER PLANNING

### First Year (Fall) AWARENESS

|  |
|--|
| Visit CSSE, meet the staff, attend a workshop  |
| Meet with your academic advisor  |
| Attend the President's Ice Cream Social, explore opportunities to join clubs and organizations |
| Start your ePortfolio (biography, goals)   |
| Attend a campus-wide lecture or discussion   |

### Second Year (Fall) EXPLORATION

|   |
|---|
| Update your resume - summer experiences                                 |
| Explore several career paths in your major                              |
| Get involved with at least one club, activity, affinity group on campus |
| Volunteer in the community  |
| Show your MCLA spirit, attend an event                                  |
| Cultivate a relationship with a faculty mentor                          |

### Third Year (Fall) PLANNING

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|--|
| Grad school? Career? Do some research!           |
| Start building your network                      |
| Gain experience in a potential career field      |
| Use ePortfolio to showcase your MCLA experiences |
| Volunteer to assist with a campus event          |

### Fourth Year (Fall) TRANSITION

|   |
|---|
| Update your resume, compile professional references                           |
| Polish your professional image – social media, communication strategies, etc. |
| Mentor new MCLA students  |
| Triple check your degree requirements   |
| Attend a graduate school fair, take graduate school entrance exams in October |
| Complete an internship  |

### First Year (Spring) ENGAGEMENT

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| Create a resume, upload it to your ePortfolio                                      |
| Attend the Undergraduate Research Conference                                       |
| Get involved with one club or organization   |
| Participate in a community service event   |
| Attend a CSSE sponsored workshop to enhance your skills, explore summer jobs, etc. |

### Second Year (Spring) REFINEMENT

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|--|
| Start your internship search   |
| Plan ahead for travel course, study abroad, study away opportunities |
| Take on a leadership position at MCLA                                |
| Advance your interviewing skills                                     |
| Help out with a service learning project                             |
| Expand your ePortfolio   |

### Third Year (Spring) EXPERIENCE

|   |
|---|
| Share your post-graduate ideas with your advisor                    |
| Make plans for an internship in your major                          |
| Attend a networking event or career fair                            |
| Go away! Travel course, off-campus internship, study away or abroad |
| Present at Undergraduate Research Conference                        |

### Fourth Year (Spring) GRADUATION

|  |
|--|
| Apply for graduation, finish your ePortfolio                 |
| Write winning cover letters, search and apply for jobs       |
| Participate in mock interviews                               |
| Attend on- and off-campus career fairs                       |
| Send thank you notes to inspirational faculty and staff      |
| Walk across the stage and smile – you're a college graduate! |