

## UNIVERSITY CURRICULUM COMMITTEE MINUTES

Date: 1/13/2022

Minutes Approved by:

  
Provost & VPAA

Date Approved:

2/8/22

TO: Dr. Mark Arant  
Provost & Vice President for Academic Affairs

THROUGH: Dr. Judy Fellows  
Associate Vice President for  
Academic Affairs & Accreditation Liaison

  
Signature

FROM: Dr. Lon Smith  
Chair, University Curriculum Committee

  
Signature

FACULTY MEMBERS PRESENT: Dr. Jeff Anderson, Dr. Eugenie Ardoin, Dr. Scott Baggarly, Dr. Nekarious Barabutis, Dr. James Boldin, Dr. Yolanda Dupre, Dr. Blake Farman, Dr. Ron Hill, Dr. Zach Moore, Dr. Elizabeth Oldfather, Dr. Jack Palmer, Dr. Arturo Rodriguez, Dr. Greg Smith, Dr. Lon Smith, Dr. Kenna Veronee, Dr. Janis Weber, Dr. Amy Weems, Dr. Jennifer Whited, Ms. Ashley Wiltcher

FACULTY MEMBERS ABSENT:

FACULTY MEMBERS EXCUSED:

EX-OFFICIO MEMBERS PRESENT: Ms. Jordan Anderson, Ms. Deborah Beaver, Ms. Jessica Griggs, Ms. Megan Lowe, Dr. Chris Michaelides, Ms. Katie Smith, Ms. Amy Terral

EX-OFFICIO MEMBERS ABSENT:

EX-OFFICIO MEMBERS EXCUSED:

### 1. THE KITTY DEGREE SCHOOL OF NURSING requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | S. Bailey  |
| Action:                     | <b>Remove NURS 5011 (Quality Improvement and Patient Safety) as requirement for Gerontological Clinical Nurse Leader (CNL)</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Summer 2023  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

2. THE KITTY DEGREE SCHOOL OF NURSING requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | S. Bailey  |
| Action:                     | <b>Remove NURS 5019 (Economics and Healthcare Finance I) as requirement for Gerontological Clinical Nurse Leader (CNL)</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Summer 2023  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

3. THE KITTY DEGREE SCHOOL OF NURSING requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | S. Bailey   |
| Action:                     | <b>Remove NURS 5029 (Economics and Healthcare Finance II) as requirement for Gerontological Clinical Nurse Leader (CNL)</b> |
| Credit Hours:               |   |
| Current Level:              |   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         |   |
| Last Term Offered:          | Summer 2023   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

4. THE KITTY DEGREE SCHOOL OF NURSING requests:

|                      |   |
|----------------------|---|
| Presenter:           | S. Bailey   |
| Action:              | <b>Change degree plan for Clinical Nurse Leader Concentration</b> |
| Current Degree Plan: |   |

## Clinical Nurse Leader Concentration

The program requires 38 credit hours for completion of the Clinical Nurse Leader concentration.

- NURS 5001 - Advanced Theoretical Foundations in Nursing
- NURS 5002 - Research I: Evidence Based Practice
- NURS 5003 - Health Policy and Global Health
- NURS 5005 - Health Care Law and Ethical Decision Making
- NURS 5006 - Advanced Pathophysiology
- NURS 5010 - Research II: Utilizing Research in Practice
- **NURS 5011 - Quality Improvement and Patient Safety \***
- NURS 5012 - Advanced Physical Assessment for CNL
- NURS 5013 - Role Development for the Clinical Nurse Leader
- NURS 5014 - Personnel and Organizational Management I \*
- NURS 5018 - Advanced Pharmacology for the Clinical Nurse Leader
- **NURS 5019 - Economics and Healthcare Finance I \***
- NURS 5024 - Personnel and Organizational Management II \*
- **NURS 5029 - Economics and Healthcare Finance II \***
- GERO 5010 - Biology of Aging
- GERO 5012 - Social Gerontology

**Proposed Degree Plan:**

## Clinical Nurse Leader Concentration

The program requires 38 credit hours for completion of the Clinical Nurse Leader concentration.

- NURS 5001 - Advanced Theoretical Foundations in Nursing
- NURS 5002 - Research I: Evidence Based Practice
- NURS 5003 - Health Policy and Global Health
- NURS 5005 - Health Care Law and Ethical Decision Making
- NURS 5006 - Advanced Pathophysiology
- NURS 5010 - Research II: Utilizing Research in Practice
- NURS 5012 - Advanced Physical Assessment for CNL
- NURS 5013 - Role Development for the Clinical Nurse Leader
- NURS 5014 - Personnel and Organizational Management I \*
- **NURS 5015 - Quality Improvement and Patient Safety I**
- **NURS 5016 - Quality Improvement and Patient Safety II**
- NURS 5018 - Advanced Pharmacology for the Clinical Nurse Leader
- NURS 5024 - Personnel and Organizational Management II \*
- **NURS 5039 - Healthcare Economics and Finance**
- GERO 5010 - Biology of Aging
- GERO 5012 - Social Gerontology

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              |                 |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Fall 2022       |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

5. THE KITTY DEGREE SCHOOL OF NURSING requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | S. Bailey   |
| Action:                     | <b>Create a new major code FTRN to designate students associated with the articulation agreement with the Louisiana Community and Technical College System.</b> |
|                             |   |
| Credit Hours:               |   |
| Current Level:              |   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         |   |
| Last Term Offered:          | Summer 2023   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

6. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | E. Brayton  |
| Action:                     | <b>Close and Remove CONS 2016 (Construction Computer Applications) as requirement for Construction Management, B.S.</b> |
|                             |   |
| Credit Hours:               |   |
| Current Level:              |   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         |   |
| Last Term Offered:          | <b>Spring 2022</b>  |

|                           |                 |
|---------------------------|-----------------|
| Offered Fixed/Variable:   |                 |
| Variable Range:           |                 |
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

7. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | E. Brayton  |
| Action:                     | <b>Close and Remove CONS 2017 (Construction Computer Applications Lab) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |   |
| Current Level:              |   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         |   |
| Last Term Offered:          | Spring 2022   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

8. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |  |
|---|--|
| Presenter:  | E. Brayton                               |
| Action:   | <b>Change prerequisites of CONS 3040</b> |
| <b>Current Description:</b><br><br><b>CONS 3040 - Advanced Construction Computer Applications</b><br><br><b>2 cr.</b><br><br>Introduces the latest construction software including documentation, 3D and project management software.<br><br>Prerequisite(s): <b>CONS 2016, CONS 2017</b> ; Corequisites: <b>CONS 3018, CONS 3019</b><br><b>F, Sp</b> |  |
| <b>Proposed Description:</b><br><br><b>CONS 3040 - Advanced Construction Computer Applications</b>  |  |



|  |                 |
|--|-----------------|
| <b>2 cr.</b>   |                 |
| Introduces the latest construction software including documentation, 3D and project management software. |                 |
| Prerequisite(s): <b>CONS 1015, CONS 1016</b>   |                 |
| <b>F, Sp</b>   |                 |
| Credit Hours:  |                 |
| Current Level:   | U               |
| Activity Type:   |                 |
| Maximum Hours to Be Earned:  |                 |
| Cross-Listed:  |                 |
| Change Effective:  | Summer 2022     |
| First Term Offered:  |                 |
| Last Term Offered:   |                 |
| Offered Fixed/Variable:  |                 |
| Variable Range:  |                 |
| Abbreviated Course Title:  |                 |
| UCC Decision:  | <b>APPROVED</b> |
| Notes:   |                 |

9. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |  |
|---|--|
| Presenter:  | E. Brayton                               |
| Action:   | <b>Change prerequisites of CONS 3041</b> |
| <b>Current Description:</b>   |  |
| <p><b>CONS 3041 - Advanced Construction Computer Applications Laboratory</b></p> <p><b>1 cr.</b></p> <p>Introduces the latest construction software including documentation, 3D and project management software.</p> <p>Prerequisite(s): <b>CONS 2016, CONS 2017</b>; Corequisites: <b>CONS 3018, CONS 3019</b></p> <p><b>F, Sp</b></p> |  |
| <b>Proposed Description:</b>  |  |
| <p><b>CONS 3041 - Advanced Construction Computer Applications Laboratory</b></p> <p><b>1 cr.</b></p> <p>Introduces the latest construction software including documentation, 3D and project management software.</p> <p>Prerequisite(s): <b>CONS 1015, CONS 1016</b></p> <p><b>F, Sp</b></p>  |  |
| Credit Hours:   |  |
| Current Level:  | U  |

|                             |                 |
|-----------------------------|-----------------|
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Summer 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

10. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | E. Brayton   |
| Action:                     | <b>Close and Remove CONS 3020 (Mechanical &amp; Electrical Systems) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Spring 2022  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

11. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | E. Brayton   |
| Action:                     | <b>Close and Remove CONS 1005 (Construction Structural Materials) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Spring 2022  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |

|                           |                 |
|---------------------------|-----------------|
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

12. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | E. Brayton  |
| Action:                     | <b>Close and Remove CONS 3018 (Construction Quantity Estimating) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |   |
| Current Level:              |   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         |   |
| Last Term Offered:          | Spring 2022   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

13. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | E. Brayton   |
| Action:                     | <b>Close and Remove CONS 3019 (Construction Quantity Estimating Laboratory) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Spring 2022  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

14. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|            |   |
|------------|---|
| Presenter: | E. Brayton  |
| Action:    | <b>Close and Remove CONS 2026 (MEP Plan Reading) as</b> |



|                             |  |
|-----------------------------|--|
|                             | <b>requirement for Construction Management, B.S.</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Spring 2022  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>                                      |
| Notes:                      |  |

15. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | E. Brayton  |
| Action:                     | <b>Close and Remove CONS 2027 (MEP Plan Reading Lab) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |   |
| Current Level:              |   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         |   |
| Last Term Offered:          | Spring 2022   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

16. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | E. Brayton   |
| Action:                     | <b>Close and Remove CONS 2030 (Soils &amp; Testing) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Spring 2022  |

|                           |                 |
|---------------------------|-----------------|
| Offered Fixed/Variable:   |                 |
| Variable Range:           |                 |
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

17. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | E. Brayton   |
| Action:                     | <b>Close and Remove CONS 2031 (Soils &amp; Testing Lab) as requirement for Construction Management, B.S.</b> |
| Credit Hours:               |  |
| Current Level:              |  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          | Spring 2022  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

18. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton   |
| Action:  | <b>Add new course CONS 1015 (Construction Computer Applications)</b> |
| <p>Proposed Description:</p> <p><b>CONS 1015 - Construction Computer Applications</b></p> <hr/> <p><b>2 cr.</b></p> <p>The application of spreadsheets, PowerPoint, Access, and Word processing to solve construction problems.</p> <p>Prerequisite(s): <b>co-requisite MATH 1011</b><br/> <b>F, Sp</b><br/> <b>(Formerly CONS 2016)</b></p> |  |
| Credit Hours:  | 2  |
| Current Level:   | U  |
| Activity Type:   | LEC  |
| Maximum Hours to Be Earned:  | 2  |
| Cross-Listed:  |  |
| Change Effective:  | Summer 2022  |
| First Term Offered:  | Summer 2022  |

|                           |                     |
|---------------------------|---------------------|
| Last Term Offered:        |                     |
| Offered Fixed/Variable:   | Fixed               |
| Variable Range:           |                     |
| Abbreviated Course Title: | CONST COMPUTER APPL |
| UCC Decision:             | <b>APPROVED</b>     |
| Notes:                    |                     |

19. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |   |
|---|---|
| Presenter:  | E. Brayton  |
| Action:   | <b>Add new course CONS 1016 (Construction Computer Applications Laboratory)</b> |
| Proposed Description:   |   |
| <p><b>CONS 1016 - Construction Computer Applications Lab</b></p> <hr/> <p><b>1 cr.</b></p> <p>Laboratory course to accompany CONS 1015</p> <p><b>Prerequisite(s): co-requisite MATH 1011</b><br/> <b>F, Sp</b><br/> <b>(Formerly CONS 2017)</b></p> |   |
| Credit Hours:   | 1   |
| Current Level:  | U   |
| Activity Type:  | LAB   |
| Maximum Hours to Be Earned:   | 1   |
| Cross-Listed:   |   |
| Change Effective:   | Summer 2022   |
| First Term Offered:   | Summer 2022   |
| Last Term Offered:  |   |
| Offered Fixed/Variable:   | Fixed   |
| Variable Range:   |   |
| Abbreviated Course Title:   | CONST COMPUTER LAB  |
| UCC Decision:   | <b>APPROVED</b>   |
| Notes:  |   |

20. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |   |
|---|---|
| Presenter:  | E. Brayton  |
| Action:   | <b>Add new course CONS 2005 (Mechanical &amp; Electrical Systems)</b> |
| Proposed Description:   |   |
| <p><b>CONS 2005 - Mechanical and Electrical Systems</b></p> <hr/> <p><b>3 cr.</b></p> |   |

**Design principles for installing heating, ventilating, cooling, fire suppression, plumbing, and electrical systems.**

**Prerequisite(s): Co-requisite MATH 1011**

**F, Sp**

**(Formerly CONS 3020)**

|                             |                   |
|-----------------------------|-------------------|
| Credit Hours:               | 3                 |
| Current Level:              | U                 |
| Activity Type:              | LEC               |
| Maximum Hours to Be Earned: | 3                 |
| Cross-Listed:               |                   |
| Change Effective:           | Summer 2022       |
| First Term Offered:         | Summer 2022       |
| Last Term Offered:          |                   |
| Offered Fixed/Variable:     | Fixed             |
| Variable Range:             |                   |
| Abbreviated Course Title:   | MECH/ELEC SYSTEMS |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |                   |

## 21. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton   |
| Action:  | <b>Add new course CONS 1050 (Material &amp; Testing)</b> |
| Proposed Description:  |  |
| <b>CONS 1050 – Materials &amp; Testing</b>                         |  |
| 2 cr.  |  |
| The testing procedures for aggregates, concrete, steel, and soils. |  |
| <b>Prerequisite(s): Co-requisite MATH 1011</b>                     |  |
| <b>(Formerly CONS 2030)</b>  |  |
| Credit Hours:  | 2  |
| Current Level:   | U  |
| Activity Type:   | LEC  |
| Maximum Hours to Be Earned:  | 2  |
| Cross-Listed:  |  |
| Change Effective:  | Summer 2022  |
| First Term Offered:  | Summer 2022  |
| Last Term Offered:   |  |
| Offered Fixed/Variable:  | Fixed  |
| Variable Range:  |  |
| Abbreviated Course Title:  | MATERIAL & TESTING                                       |
| UCC Decision:  | <b>APPROVED</b>  |
| Notes:   |  |

## 22. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |   |
|---|---|
| Presenter:  | E. Brayton  |
| Action:   | <b>Add new course CONS 1051 (Material &amp; Testing Laboratory)</b> |
| Proposed Description:   |   |
| <b>CONS 1051 – Materials &amp; Testing Laboratory</b>                   |   |
| <b>1 cr.</b>  |   |
| Laboratory course to accompany CONS 1050.                               |   |
| <b>Prerequisite(s): Co-requisite MATH 1011<br/>(Formerly CONS 2031)</b> |   |
| Credit Hours:   | 1   |
| Current Level:  | U   |
| Activity Type:  | LAB   |
| Maximum Hours to Be Earned:   | 1   |
| Cross-Listed:   |   |
| Change Effective:   | Summer 2022   |
| First Term Offered:   | Summer 2022   |
| Last Term Offered:  |   |
| Offered Fixed/Variable:   | Fixed   |
| Variable Range:   |   |
| Abbreviated Course Title:   | MAT & TESTING LAB   |
| UCC Decision:   | <b>APPROVED</b>   |
| Notes:  |   |

23. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |   |
|---|---|
| Presenter:  | E. Brayton  |
| Action:   | <b>Add new course CONS 2010 (Construction Structural Materials)</b> |
| Proposed Description:   |   |
| <b>CONS 2010 - Construction Materials</b>   |   |
| <b>3 cr.</b>  |   |
| Focuses on the structural properties of concrete, masonry, wood and steel used in substructure and superstructure building systems along with sustainability. |   |
| <b>Prerequisite(s): Corequisite MATH 1011<br/>F, Sp<br/>(Formerly CONS 1005)</b>  |   |
| Credit Hours:   | 3   |
| Current Level:  | U   |
| Activity Type:  | LEC   |
| Maximum Hours to Be Earned:   | 3   |
| Cross-Listed:   |   |

|                           |                 |
|---------------------------|-----------------|
| Change Effective:         | Summer 2022     |
| First Term Offered:       | Summer 2022     |
| Last Term Offered:        |                 |
| Offered Fixed/Variable:   | Fixed           |
| Variable Range:           |                 |
| Abbreviated Course Title: | CONST MATERIALS |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

24. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |   |
|---|---|
| Presenter:  | E. Brayton  |
| Action:   | <b>Add new course CONS 2040 (Construction Quality Estimating)</b> |
| Proposed Description:   |   |
| <b>CONS 2040 - Construction Quantity Estimating</b>   |   |
| 2 cr.   |   |
| Principles and theories of estimating, classification of work and quantity survey techniques applied to various types of construction projects. |   |
| Prerequisite(s): <b>CONS 1040, CONS 1041, CONS 1050, CONS 1051, CONS 2008, CONS 2009 , MATH 1012.</b>   |   |
| F, Sp<br>(Formerly CONS 3018)   |   |
| Credit Hours:   | 2   |
| Current Level:  | U   |
| Activity Type:  | LEC   |
| Maximum Hours to Be Earned:   | 2   |
| Cross-Listed:   |   |
| Change Effective:   | Summer 2022   |
| First Term Offered:   | Summer 2022   |
| Last Term Offered:  |   |
| Offered Fixed/Variable:   | Fixed   |
| Variable Range:   |   |
| Abbreviated Course Title:   | CONST QTY ESTIMATING  |
| UCC Decision:   | <b>APPROVED</b>   |
| Notes:  |   |

25. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                       |  |
|-----------------------|--|
| Presenter:            | E. Brayton   |
| Action:               | <b>Add new course CONS 2041 (Construction Quantity Estimating Lab)</b> |
| Proposed Description: |  |



## CONS 2041 - Construction Quantity Estimating Laboratory

1 cr.

Laboratory course to accompany CONS 2040

Two laboratory hours

Prerequisite(s): **CONS 1040, CONS 1041**, CONS 1050, CONS 1051 **CONS 2008, CONS 2009**, MATH 1012

F, Sp

**(Formerly CONS 3019)**

|                             |   |
|-----------------------------|---|
| Credit Hours:               | 1   |
| Current Level:              | U   |
| Activity Type:              | LAB   |
| Maximum Hours to Be Earned: | 1   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         | Summer 2022   |
| Last Term Offered:          |   |
| Offered Fixed/Variable:     | Fixed   |
| Variable Range:             |   |
| Abbreviated Course Title:   | QTY ESTIMATING LAB  |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      | This proposal includes a change in the contact time of the class from three laboratory hours to two laboratory hours. This proposal does not change the credits for the course. |

26. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton   |
| Action:  | <b>Add new course CONS 3070 (Mechanical &amp; Electrical Plan Reading)</b> |
| Proposed Description:  |  |
| <h3 style="margin: 0;">CONS 3070 - Mechanical, Electrical and Plumbing Plan Reading</h3>   |  |
| 2 cr.  |  |
| Interpret the mechanical, electrical, and plumbing drawings, specifications, and codes for building construction projects along with performing quantity takeoffs. |  |
| Prerequisite(s): CONS 2005, <b>CONS 2008, CONS 2009</b>  |  |
| F, Sp  |  |
| <b>(Formerly CONS 2026)</b>  |  |
| Credit Hours:  | 2  |
| Current Level:   | U  |
| Activity Type:   | LEC  |
| Maximum Hours to Be Earned:  | 2  |

|                           |                 |
|---------------------------|-----------------|
| Cross-Listed:             |                 |
| Change Effective:         | Summer 2022     |
| First Term Offered:       | Summer 2022     |
| Last Term Offered:        |                 |
| Offered Fixed/Variable:   | Fixed           |
| Variable Range:           |                 |
| Abbreviated Course Title: | MEP PLANS       |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

27. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |   |
|---|---|
| Presenter:  | E. Brayton  |
| Action:   | <b>Add new course CONS 3071 (Mechanical &amp; Electrical Plan Reading Laboratory)</b> |
| Proposed Description:   |   |
| <b>CONS 3071 - Mechanical, Electrical, and Plumbing Plan Reading Laboratory</b> |   |
| 1 cr.   |   |
| Laboratory course to accompany CONS 3070  |   |
| Three laboratory hours.   |   |
| Prerequisite(s): CONS 2005, <b>CONS 2008, CONS 2009</b>                         |   |
| F, Sp   |   |
| <b>(Formerly CONS 2027)</b>   |   |
| Credit Hours:   | 1   |
| Current Level:  | U   |
| Activity Type:  | LAB   |
| Maximum Hours to Be Earned:   | 1   |
| Cross-Listed:   |   |
| Change Effective:   | Summer 2022   |
| First Term Offered:   | Summer 2022   |
| Last Term Offered:  |   |
| Offered Fixed/Variable:   | Fixed   |
| Variable Range:   |   |
| Abbreviated Course Title:   | MEP PLANS LAB   |
| UCC Decision:   | <b>APPROVED</b>   |
| Notes:  |   |

28. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton                               |
| Action:  | <b>Change prerequisites of CONS 3060</b> |
| Current Description:                                     |  |
| <b>CONS 3060 - Construction Safety &amp; Supervision</b> |  |

**3 cr.**

**Focuses on creating a safety plan, identifying hazards, prevention, and communication.**

**Proposed Description:**

## **CONS 3060 - Construction Safety & Supervision**

**3 cr.**

**Focuses on creating a written safety plan, identifying hazards, implementing prevention strategies. Manage people using effective communications, coaching, and time management skills.**

**Prerequisite(s):** CONS Junior Standing  
F, Sp

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              | U               |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Summer 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

29. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |  |
|---|--|
| Presenter:  | E. Brayton                               |
| Action:   | <b>Change prerequisites of CONS 4005</b> |
| <b>Current Description:</b>   |  |
| <b>CONS 4005 - Construction Scheduling</b>  |  |
| <b>2 cr.</b>  |  |
| Develops planning and scheduling techniques and integrates the use of computer software throughout. |  |
| Prerequisite(s): <u>CONS 2016</u> <u>CONS 2017</u> <u>CONS 3018</u> , <u>CONS 3019</u><br>F, Sp     |  |

**Proposed Description:****CONS 4005 - Construction Scheduling****2 cr.**

Develops planning and scheduling techniques and integrates the use of computer software throughout.

Prerequisite(s): CONS 2040, CONS 2041, CONS 3030, CONS 3040, CONS 3041  
F, Sp

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              | U               |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Summer 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

**30. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:**

|            |  |
|------------|--|
| Presenter: | E. Brayton                               |
| Action:    | <b>Change prerequisites of CONS 4006</b> |

**Current Description:****CONS 4006 - Construction Scheduling Laboratory****1 cr.**

Laboratory course to accompany CONS 4005

Two laboratory hours.

Prerequisite(s): CONS 2016 CONS 2017 CONS 3018, CONS 3019  
F, Sp

**Proposed Description:****CONS 4006 - Construction Scheduling Laboratory****1 cr.**

Laboratory course to accompany CONS 4005

Two laboratory hours.

|                             |  |
|-----------------------------|--|
| Prerequisite(s):            | <b>CONS 2040, CONS 2041, CONS 3030, CONS 3040, CONS 3041</b> |
| F, Sp                       |  |
| Credit Hours:               |  |
| Current Level:              | U  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         |  |
| Last Term Offered:          |  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

31. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|   |  |
|---|--|
| Presenter:  | E. Brayton                               |
| Action:   | <b>Change prerequisites of CONS 4008</b> |
| <b>Current Description:</b><br><br><b>CONS 4008 - Construction Cost Estimating</b><br><br><b>2 cr.</b><br><br>Analysis and determination of cost of construction operations including applicable indirect and overhead cost, and the preparation of bid proposals for construction costs.<br><br>Prerequisite(s): <b>CONS 2016, CONS 2017, CONS 3018, CONS 3019.</b><br>F, Sp |  |
| <b>Proposed Description:</b><br><br><b>CONS 4008 - Construction Cost Estimating</b><br><br><b>2 cr.</b><br><br>Analysis and determination of cost of construction operations including applicable indirect and overhead cost, and the preparation of bid proposals for construction costs.<br><br>Prerequisite(s): <b>CONS 2040, CONS 2041</b><br>F, Sp                       |  |
| Credit Hours:   |  |
| Current Level:  | U  |
| Activity Type:  |  |
| Maximum Hours to Be Earned:   |  |
| Cross-Listed:   |  |
| Change Effective:   | Summer 2022                              |
| First Term Offered:   |  |
| Last Term Offered:  |  |

|                           |                 |
|---------------------------|-----------------|
| Offered Fixed/Variable:   |                 |
| Variable Range:           |                 |
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

32. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton                               |
| Action:  | <b>Change prerequisites of CONS 4009</b> |
| <b>Current Description:</b><br><br><p><b>CONS 4009 - Construction Cost Estimating Laboratory</b></p> <p>1 cr.</p> <p>Laboratory course to accompany CONS 4008.</p> <p>2.5 hours laboratory.</p> <p>Prerequisite(s): CONS 2016, CONS 2017, CONS 3018, CONS 3019 ,<br/>F, Sp</p> |  |
| <b>Proposed Description:</b><br><br><p><b>CONS 4009 - Construction Cost Estimating Laboratory</b></p> <p>1 cr.</p> <p>Laboratory course to accompany CONS 4008.</p> <p>2.5 hours laboratory.</p> <p>Prerequisite(s): CONS 2040, CONS 2041,<br/>F, Sp</p>                       |  |
| Credit Hours:  |  |
| Current Level:   | U  |
| Activity Type:   |  |
| Maximum Hours to Be Earned:  |  |
| Cross-Listed:  |  |
| Change Effective:  | Summer 2022                              |
| First Term Offered:  |  |
| Last Term Offered:   |  |
| Offered Fixed/Variable:  |  |
| Variable Range:  |  |
| Abbreviated Course Title:  |  |
| UCC Decision:  | <b>APPROVED</b>                          |
| Notes:   |  |

33. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:



|  |                                   |
|--|-----------------------------------|
| Presenter:   | E. Brayton                        |
| Action:  | Change prerequisites of CONS 4020 |
| <b>Current Description:</b><br><b>CONS 4020 - Associate Constructor Exam Preparation</b><br><b>3 cr.</b><br>Preparation for the content areas on the Associate Constructor certification examination that each student will be required to take. An additional fee is required.<br>Prerequisite(s): <b>CONS 3030, CONS 4005, CONS 4006, CONS 4008, CONS 4009, CONS 4030</b> , Co-requisite <b>CONS 4040</b><br>F, Sp<br><b>Proposed Description:</b><br><b>CONS 4020 - Associate Constructor Exam Preparation</b><br><b>3 cr.</b><br>Preparation for the content areas on the Associate Constructor certification examination that each student will be required to take. An additional fee is required.<br>Prerequisite(s): <b>CONS 2040, CONS 2041, CONS 3030, CONS 3060, CONS 3070, CONS 3071, CONS 4005, CONS 4006, CONS 4008, CONS 4009, CONS 4040</b><br>F, Sp |                                   |
| Credit Hours:  |                                   |
| Current Level:   | U                                 |
| Activity Type:   |                                   |
| Maximum Hours to Be Earned:  |                                   |
| Cross-Listed:  |                                   |
| Change Effective:  | Summer 2022                       |
| First Term Offered:  |                                   |
| Last Term Offered:   |                                   |
| Offered Fixed/Variable:  |                                   |
| Variable Range:  |                                   |
| Abbreviated Course Title:  |                                   |
| UCC Decision:  | <b>APPROVED</b>                   |
| Notes:   |                                   |

34. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | E. Brayton  |
| Action:                     | Change description and prerequisites of CONS 4047 |
| <b>Current Description:</b> |   |

## CONS 4047 - Advanced Construction Projects

**2 cr.**

Develops 3-D model-based input and access skills used on Engineering, Procurement & Construction projects including the Process Equipment associated with these projects. Emphasis is on on-site management of the construction process.

Prerequisite(s): CONS 2016 CONS 2017

### Proposed Description:

## CONS 4047 - Advanced Construction Projects

**2 cr.**

This capstone course integrates all aspects of the construction management process. Each student creates an estimate, schedule, company, a proposal, and they present to Contractors.

Prerequisite(s): **CONS 2040, CONS 2041, CONS 3030, CONS 3040, CONS 3041, CONS 3060, CONS 4005, CONS 4006, CONS 4008, CONS 4009**

**F, Sp**

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              | U               |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Summer 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

### 35. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|            |  |
|------------|--|
| Presenter: | E. Brayton                               |
| Action:    | <b>Change prerequisites of CONS 4048</b> |

### Current Description:

## CONS 4048 - Advanced Construction Projects Laboratory

**1 cr.**

Laboratory course to accompany **CONS 4047**

**2.5 hours**

Prerequisite(s): **CONS 2016** **CONS 2017**

F, Sp

**Proposed Description:**

**CONS 4048 - Advanced Construction Projects Laboratory**

**1 cr.**

Laboratory course to accompany **CONS 4047**

**2.5 hours**

Prerequisite(s): **CONS 2040, CONS 2041, CONS 3030, CONS 3040, CONS 3041, CONS 3060, CONS 4005, CONS 4006, CONS 4008, CONS 4009**

F, Sp

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              | U               |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Summer 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

**36. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:**

|   |   |
|---|---|
| Presenter:  | E. Brayton                              |
| Action:   | <b>Change contact time of CONS 1004</b> |
| <b>Current Description:</b>                         |   |
| <b>CONS 1004 - Construction Graphics Laboratory</b> |   |
| <b>1 cr.</b>  |   |
| Laboratory course to accompany <b>CONS 1003</b>     |   |
| Three laboratory hours.                             |   |
| F, Sp   |   |
| <b>Proposed Description:</b>                        |   |

## CONS 1004 - Construction Graphics Laboratory

1 cr.

Laboratory course to accompany **CONS 1003**

**Two laboratory hours.**

**F, Sp**

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              | U               |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Spring 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

37. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton                               |
| Action:  | <b>Change prerequisites of CONS 2008</b> |
| <b>Current Description:</b>  |  |
| <p><b>CONS 2008 - Construction Documents</b></p> <p>2 cr.</p> <p>A study of drawings, specifications, and documents used in the construction process.</p> <p>Prerequisite(s): Enrollment in or credit in <b>MATH 1011</b></p> <p>F, Sp</p>             |  |
| <b>Proposed Description:</b>   |  |
| <p><b>CONS 2008 - Construction Documents</b></p> <p>2 cr.</p> <p>A study of drawings, specifications, and documents used in the construction process.</p> <p>Prerequisite(s): <b>CONS 1003, CONS 1004 or approval of the Director</b></p> <p>F, Sp</p> |  |

|                             |                 |
|-----------------------------|-----------------|
| Credit Hours:               |                 |
| Current Level:              | U               |
| Activity Type:              |                 |
| Maximum Hours to Be Earned: |                 |
| Cross-Listed:               |                 |
| Change Effective:           | Summer 2022     |
| First Term Offered:         |                 |
| Last Term Offered:          |                 |
| Offered Fixed/Variable:     |                 |
| Variable Range:             |                 |
| Abbreviated Course Title:   |                 |
| UCC Decision:               | <b>APPROVED</b> |
| Notes:                      |                 |

38. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |  |
|--|--|
| Presenter:   | E. Brayton                               |
| Action:  | <b>Change prerequisites of CONS 3030</b> |
| <p><b>Current Description:</b></p> <p><b>CONS 3030 - Construction Administration</b></p> <p>3 cr.</p> <p>Contract administration, change order proposals, field planning, procurement, subcontract administration, recordkeeping and developing cost forecasting reports.</p> <p>Prerequisite(s): <b>CONS 3018, CONS 3019</b></p>                          |  |
| <p><b>Proposed Description:</b></p> <p><b>CONS 3030 - Construction Administration</b></p> <p>3 cr.</p> <p>Contract administration, change order proposals, field planning, procurement, subcontract administration, recordkeeping and developing cost forecasting reports.</p> <p>Prerequisite(s): <b>CONS 2040, CONS 2041, MATH 1012</b></p> <p>F, Sp</p> |  |
| Credit Hours:  |  |
| Current Level:   | U  |
| Activity Type:   |  |
| Maximum Hours to Be Earned:  |  |
| Cross-Listed:  |  |
| Change Effective:  | Summer 2022                              |
| First Term Offered:  |  |
| Last Term Offered:   |  |

|                           |                 |
|---------------------------|-----------------|
| Offered Fixed/Variable:   |                 |
| Variable Range:           |                 |
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

39. THE SCHOOL OF CONSTRUCTION MANAGEMENT requests:

|  |   |
|--|---|
| Presenter:   | E. Brayton  |
| Action:  | <b>Change degree plan for Construction Management, B.S.</b> |
| <b>Current Degree Plan:</b><br><br><h2 style="text-align: center;">Construction Management, B.S.<br/>(522001)</h2> |   |

Course adjustment advisement is mandatory. Students in provisional and regular admission status may not enroll in courses numbered 3000 or above until they have completed all developmental and freshman requirements. Non-majors must have approval of the Director to schedule 3000 and 4000 level classes.

Students majoring in the Construction Management program must meet these requirements to progress toward degree.

A grade of "C" or better is required for all CONS courses, MATH 1009, MATH 1011, & MATH 1012.

A grade of "D" in CONS and MATH 1009, MATH 1011, & MATH 1012 courses is non-progressive; the course must be repeated with a minimum grade of "C" before a student can progress to the next sequential course.



## Required for a Major

- CONS 1003 - Construction Graphics
- CONS 1004 - Construction Graphics Laboratory
- CONS 1005 - Construction Materials
- CONS 1040 - Construction Practices
- CONS 1041 - Construction Practices Laboratory
- CONS 2008 - Construction Documents
- CONS 2009 - Construction Documents Studio
- CONS 2011 - Construction Surveying
- CONS 2012 - Construction Surveying Laboratory
- CONS 2015 - Structures I
- CONS 2016 - Construction Computer Applications
- CONS 2017 - Construction Computer Applications Lab
- CONS 2026 - Mechanical, Electrical and Plumbing Plan Reading
- CONS 2027 - Mechanical, Electrical, and Plumbing Plan Reading Laboratory
- CONS 2030 - Soils and Testing
- CONS 2031 - Soils and Testing Laboratory
- CONS 3015 - Temporary Structures
- CONS 3018 - Construction Quantity Estimating
- CONS 3019 - Construction Quantity Estimating Laboratory
- CONS 3020 - Mechanical and Electrical Systems
- CONS 3030 - Construction Administration
- CONS 3040 - Advanced Construction Computer Applications
- CONS 3041 - Advanced Construction Computer Applications Laboratory
- CONS 3060 - Construction Safety & Supervision
- CONS 4005 - Construction Scheduling
- CONS 4006 - Construction Scheduling Laboratory
- CONS 4008 - Construction Cost Estimating
- CONS 4009 - Construction Cost Estimating Laboratory
- CONS 4020 - Associate Constructor Exam Preparation
- CONS 4040 - Construction Contracts
- CONS 4047 - Advanced Construction Projects
- CONS 4048 - Advanced Construction Projects Laboratory

**Total Hours 60**

*Note:*

Non majors must have approval of the Director to schedule 3000 and 4000 level classes.

## Freshman Year

- CONS 1003 - Construction Graphics
- CONS 1004 - Construction Graphics Laboratory
- CONS 1005 - Construction Materials
- CONS 1040 - Construction Practices
- CONS 1041 - Construction Practices Laboratory
- CONS 2008 - Construction Documents
- CONS 2009 - Construction Documents Studio

- Core English Composition **6 cr.** \*\*\*
- MATH 1011 - College Algebra <sup>cm</sup>
- MATH 1012 - Trigonometry <sup>cm</sup>
- Core Fine Arts **3 cr.**\*\*\*
- Core Humanities **3 cr.**
- UNIV 1001 - University Seminar

**Total Hours 30**

## Sophomore Year

- CONS 2011 - Construction Surveying
- CONS 2012 - Construction Surveying Laboratory
- CONS 2015 - Structures I
- CONS 2016 - Construction Computer Applications
- CONS 2017 - Construction Computer Applications Lab
- CONS 2026 - Mechanical, Electrical and Plumbing Plan Reading
- CONS 2027 - Mechanical, Electrical, and Plumbing Plan Reading Laboratory
- CONS 2030 - Soils and Testing
- CONS 2031 - Soils and Testing Laboratory
- CONS 3018 - Construction Quantity Estimating
- CONS 3019 - Construction Quantity Estimating Laboratory
- CONS 3040 - Advanced Construction Computer Applications
- CONS 3041 - Advanced Construction Computer Applications Laboratory
- COMM 2001 - Public Speaking
- Core Physical Science both from same Subject area (ATMS, GEOS, PHYS, CHEM) **3 cr.**
- Core Literature (Humanities Core) **3 cr.** \*\*\*

**Total Hours 30**

## Junior Year

- CONS 3015 - Temporary Structures
- CONS 3020 - Mechanical and Electrical Systems
- CONS 3030 - Construction Administration
- CONS 3060 - Construction Safety & Supervision
- CONS 4005 - Construction Scheduling
- CONS 4006 - Construction Scheduling Laboratory
- CONS 4008 - Construction Cost Estimating
- CONS 4009 - Construction Cost Estimating Laboratory
- RMIN 2005 - Risk and Insurance
- MATH 1016 - Elementary Statistics
- Core Physical Science both from same Subject area (ATMS, GEOS, PHYS, CHEM) **3 cr.**
- Core Social Science **3 cr.**

**Total Hours 30**

## Senior Year

- CONS 4020 - Associate Constructor Exam Preparation
- CONS 4040 - Construction Contracts
- CONS 4047 - Advanced Construction Projects



- [CONS 4048 - Advanced Construction Projects Laboratory](#)
- [ACCT 2020 - Introductory Managerial Accounting](#)
- [ECON 2001 - Macroeconomic Principles](#) (Core Social Science 3 cr.)
- [BUSN 3005 - Business Communication](#)
- [BLAW 4001 - Legal Environment of Business](#)
- MGMT course **3 cr.**
- [Core Biological Science 3 cr.](#)
- General Elective **3 cr.**

**Total Hours 30**

Total hours for degree 120

**Proposed Degree Plan:**

## Construction Management, B.S. (522001)

### Construction Management, B.S. (522001)

↩ Return to: [Inventory of Undergraduate Degree and Certificate Programs \(Majors/Minors\)](#)

Course adjustment advisement is mandatory. Students in provisional and regular admission status may not enroll in courses numbered 3000 or above until they have completed all developmental and freshman requirements. Non-majors must have approval of the Director schedule 3000 and 4000 level classes.

Students majoring in the Construction Management program must meet these requirements to progress toward degree.

A grade of "C" or better is required for all CONS courses, [MATH 1009](#), [MATH 1011](#), & [MATH 1012](#).

A grade of "D" in CONS and [MATH 1009](#), [MATH 1011](#), & [MATH 1012](#) courses is non-progressive; the course must be repeated with a minimum grade of "C" before a student can progress to the next sequential course.

### Required for a Major

- [CONS 1003 - Construction Graphics](#)
- [CONS 1004 - Construction Graphics Laboratory](#)
- [CONS 1015 - Construction Computer Applications](#) (New #, Title & Description same)
- [CONS 1016 - Construction Computer Applications Lab](#) (New #, Title & Description same)
- [CONS 1040 - Construction Practices](#)
- [CONS 1041 - Construction Practices Laboratory](#)
- [CONS 1050 - Materials & Testing](#) (New Course)
- [CONS 1051 - Materials & Testing Laboratory](#) (New Course)
- [CONS 2005 - Mechanical and Electrical Systems](#) (New #, Title & Description same)
- [CONS 2008 - Construction Documents](#)
- [CONS 2009 - Construction Documents Studio](#)
- [CONS 2010 - Construction Materials](#) (New #, Title & Description same)
- [CONS 2011 - Construction Surveying](#)
- [CONS 2012 - Construction Surveying Laboratory](#)
- [CONS 2015 - Structures I](#)
- [CONS 2040 - Construction Quantity Estimating](#) (New #, Title & Description same)
- [CONS 2041 - Construction Quantity Estimating Laboratory](#) (New #, Title & Description same)
- [CONS 3015 - Temporary Structures](#)
- [CONS 3030 - Construction Administration](#)
- [CONS 3040 - Advanced Construction Computer Applications](#)

- CONS 3041 - Advanced Construction Computer Applications Laboratory
- CONS 3060 - Construction Safety & Supervision
- CONS 3070 - Mechanical, Electrical and Plumbing Plan Reading (New #, Title & Description same)
- CONS 3071 - Mechanical, Electrical, and Plumbing Plan Reading Laboratory (New #, Title & Description same)
- CONS 4005 - Construction Scheduling
- CONS 4006 - Construction Scheduling Laboratory
- CONS 4008 - Construction Cost Estimating
- CONS 4009 - Construction Cost Estimating Laboratory
- CONS 4020 - Associate Constructor Exam Preparation
- CONS 4040 - Construction Contracts
- CONS 4047 - Advanced Construction Projects
- CONS 4048 - Advanced Construction Projects Laboratory

## Total Hours 60

### Note:

Non majors must have approval of the Director to schedule 3000 and 4000 level classes.

## Freshman Year

- CONS 1003 - Construction Graphics
- CONS 1004 - Construction Graphics Laboratory
- CONS 1015 - Construction Computer Applications (New #, Title & Description same)
- CONS 1016 - Construction Computer Applications Lab (New #, Title & Description same)
- CONS 1040 - Construction Practices
- CONS 1041 - Construction Practices Laboratory
- CONS 1050 - Materials & Testing (New Course)
- CONS 1051 - Materials & Testing Laboratory (New Course)
- Core English Composition 6 cr. \*\*\*
- MATH 1011 - College Algebra <sup>cm</sup>
- MATH 1012 - Trigonometry <sup>cm</sup>
- Core Fine Arts 3 cr.\*\*\*
- Core Humanities 3 cr.
- UNIV 1001 - University Seminar

## Total Hours 30

## Sophomore Year

- CONS 2005 - Mechanical and Electrical Systems (New #, Title & Description same)
- CONS 2008 - Construction Documents
- CONS 2009 - Construction Documents Studio
- CONS 2010 - Construction Materials (New #, Title & Description same)
- CONS 2011 - Construction Surveying
- CONS 2012 - Construction Surveying Laboratory
- CONS 2015 - Structures I
- CONS 2040 - Construction Quantity Estimating New #, Title & Description same)
- CONS 2041 - Construction Quantity Estimating Laboratory New #, Title & Description same)
- COMM 2001 - Public Speaking
- Core Physical Science both from same Subject area (ATMS, GEOS, PHYS, CHEM) 3 cr.
- Core Literature (Humanities Core) 3 cr. \*\*\*

## Total Hours 30

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## Junior Year

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- [CONS 3015 - Temporary Structures](#)
- [CONS 3030 - Construction Administration](#)
- [CONS 3040 - Advanced Construction Computer Applications](#)
- [CONS 3041 - Advanced Construction Computer Applications Laboratory](#)
- [CONS 3060 - Construction Safety & Supervision](#)
- [CONS 3070 - Mechanical, Electrical and Plumbing Plan Reading](#) (New #, Title & Description same)
- [CONS 3071 - Mechanical, Electrical, and Plumbing Plan Reading Laboratory](#) (New #, Title & Description same)
- [CONS 4005 - Construction Scheduling](#)
- [CONS 4006 - Construction Scheduling Laboratory](#)
- [CONS 4008 - Construction Cost Estimating](#)
- [CONS 4009 - Construction Cost Estimating Laboratory](#)
- [CONS 4040 - Construction Contracts](#)
- [RMIN 2005 - Risk and Insurance](#)
- [MATH 1016 - Elementary Statistics](#)
- Core Physical Science both from same Subject area (ATMS, GEOS, PHYS, CHEM) 3 cr.

### Total Hours 30

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## Senior Year

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- [CONS 4020 - Associate Constructor Exam Preparation](#)
- [CONS 4047 - Advanced Construction Projects](#)
- [CONS 4048 - Advanced Construction Projects Laboratory](#)
- [ACCT 2020 - Introductory Managerial Accounting](#)
- [ECON 2001 - Macroeconomic Principles](#) (Core Social Science 3 cr.)
- [BUSN 3005 - Business Communication](#)
- [BLAW 4001 - Legal Environment of Business](#)
- Core Social Science 3 cr.
- MGMT course 3 cr.
- Core Biological Science 3 cr.
- General Elective 3 cr.

### Total Hours 30

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## Total hours for degree 120

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### Note:

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\*\*Economics must be taken as part of the core social science electives.

\*\*\*For other Core Curriculum requirements see [2021-2022 Undergraduate Core Curriculum](#).

|                             |             |
|-----------------------------|-------------|
| Credit Hours:               |             |
| Current Level:              | U           |
| Activity Type:              |             |
| Maximum Hours to Be Earned: |             |
| Cross-Listed:               |             |
| Change Effective:           | Summer 2022 |
| First Term Offered:         |             |
| Last Term Offered:          |             |



|                           |   |
|---------------------------|---|
| Offered Fixed/Variable:   |   |
| Variable Range:           |   |
| Abbreviated Course Title: |   |
| UCC Decision:             | <b>APPROVED</b>   |
| Notes:                    | Yellow highlight indicate closed courses, Blue highlights indicate course moved to different years within the degree. |

40. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|  |   |
|--|---|
| Presenter:   | J. Lasiter                                      |
| Action:  | <b>Create new course MLSC 3015 (Hematology)</b> |
| <b>Proposed Description:</b>   |   |
| <b>MLSC 3015 - Hematology</b>  |   |
| <b>4 cr.</b>   |   |
| <b>A study of the mechanisms and clinical characteristics of the anemias, leukemias and hemostasis. Two and half hours lecture and three hours laboratory.</b> |   |
| <b>Prerequisite(s): MLSC majors only.</b>  |   |
| <b>F</b>   |   |
| Credit Hours:  | 4   |
| Current Level:   | U   |
| Activity Type:   | LEC/LAB   |
| Maximum Hours to Be Earned:  | 4   |
| Cross-Listed:  |   |
| Change Effective:  | Summer 2022                                     |
| First Term Offered:  | Fall 2022                                       |
| Last Term Offered:   |   |
| Offered Fixed/Variable:  | Fixed   |
| Variable Range:  |   |
| Abbreviated Course Title:  | HEMATOLOGY                                      |
| UCC Decision:  | <b>APPROVED</b>                                 |
| Notes:   |   |

41. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | J. Lasiter                                     |
| Action:                     | <b>Close and Remove MLSC 3020 (Hematology)</b> |
|                             |  |
| Credit Hours:               |  |
| Current Level:              | U  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022                                    |



|                           |                 |
|---------------------------|-----------------|
| First Term Offered:       | Fall 2021       |
| Last Term Offered:        |                 |
| Offered Fixed/Variable:   |                 |
| Variable Range:           |                 |
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |

42. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | J. Lasiter  |
| Action:                     | <b>Close and Remove MLSC 3021 (Hematology Laboratory)</b> |
| Credit Hours:               |   |
| Current Level:              | U   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         | Fall 2021   |
| Last Term Offered:          |   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

43. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|   |   |
|---|---|
| Presenter:  | J. Lasiter  |
| Action:   | <b>Create new course MLSC 3034 (Clinical Chemistry and Toxicology II)</b> |
| <b>Proposed Description:</b>  |   |
| <b>MLSC 3034 - Clinical Chemistry and Toxicology II</b>   |   |
| <b>4 cr.</b>  |   |
| <b>Interpretative/analytic skills including principles and techniques for endocrinology; renal, hepatic, cardiac, gastrointestinal, pancreatic function; electrolytes/blood gases; therapeutic drug monitoring/drugs of abuse/toxic substances.</b> |   |
| <b>Prerequisite(s): MLSC majors only.</b>   |   |
| <b>Sp</b>   |   |
| Credit Hours:   | 4   |
| Current Level:  | U   |
| Activity Type:  | LEC/LAB   |
| Maximum Hours to Be Earned:   | 4   |

|                           |                   |
|---------------------------|-------------------|
| Cross-Listed:             |                   |
| Change Effective:         | Summer 2022       |
| First Term Offered:       | Spring 2023       |
| Last Term Offered:        |                   |
| Offered Fixed/Variable:   | Fixed             |
| Variable Range:           |                   |
| Abbreviated Course Title: | CLNCL CHEM TOX II |
| UCC Decision:             | <b>APPROVED</b>   |
| Notes:                    |                   |

44. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | J. Lasiter  |
| Action:                     | <b>Close and Remove MLSC 3026 (Clinical Chemistry and Toxicology)</b> |
| Credit Hours:               |   |
| Current Level:              | U   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         | Spring 2022   |
| Last Term Offered:          |   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

45. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|                             |  |
|-----------------------------|--|
| Presenter:                  | J. Lasiter   |
| Action:                     | <b>Close and Remove MLSC 3025 (Clinical Chemistry and Toxicology Laboratory)</b> |
| Credit Hours:               |  |
| Current Level:              | U  |
| Activity Type:              |  |
| Maximum Hours to Be Earned: |  |
| Cross-Listed:               |  |
| Change Effective:           | Summer 2022  |
| First Term Offered:         | Spring 2022  |
| Last Term Offered:          |  |
| Offered Fixed/Variable:     |  |
| Variable Range:             |  |
| Abbreviated Course Title:   |  |
| UCC Decision:               | <b>APPROVED</b>  |
| Notes:                      |  |

46. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|   |   |
|---|---|
| Presenter:  | J. Lasiter  |
| Action:   | Create new course MLSC 3038 (Immunohematology and Technical Procedures) |
| <b>Proposed Description:</b><br><br><div style="text-align: center;"><b>MLSC 3038 - Immunohematology and Technical Procedures</b></div><br><br><b>4 cr.</b><br><br><b>A study of the human blood groups and the administrative and technical operations of blood banks. Two and half hours of lecture and three hours laboratory.</b><br><br><b>Prerequisite(s): MLSC majors only.</b><br><b>Sp</b> |   |
| Credit Hours:   | 4   |
| Current Level:  | U   |
| Activity Type:  | LEC/LAB   |
| Maximum Hours to Be Earned:   | 4   |
| Cross-Listed:   |   |
| Change Effective:   | Summer 2022   |
| First Term Offered:   | Spring 2023   |
| Last Term Offered:  |   |
| Offered Fixed/Variable:   | Fixed   |
| Variable Range:   |   |
| Abbreviated Course Title:   | IMMUNOHEMATOLOGY  |
| UCC Decision:   | <b>APPROVED</b>   |
| Notes:  |   |

47. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | J. Lasiter  |
| Action:                     | Close and Remove MLSC 3027 (Immunohematology and Blood Banking) |
|                             |   |
| Credit Hours:               |   |
| Current Level:              | U   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         | Spring 2022   |
| Last Term Offered:          |   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |

|               |                 |
|---------------|-----------------|
| UCC Decision: | <b>APPROVED</b> |
| Notes:        |                 |

48. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|                             |   |
|-----------------------------|---|
| Presenter:                  | J. Lasiter  |
| Action:                     | <b>Close and Remove MLSC 3028 (Technical Procedures in Blood Banking)</b> |
| Credit Hours:               |   |
| Current Level:              | U   |
| Activity Type:              |   |
| Maximum Hours to Be Earned: |   |
| Cross-Listed:               |   |
| Change Effective:           | Summer 2022   |
| First Term Offered:         | Spring 2022   |
| Last Term Offered:          |   |
| Offered Fixed/Variable:     |   |
| Variable Range:             |   |
| Abbreviated Course Title:   |   |
| UCC Decision:               | <b>APPROVED</b>   |
| Notes:                      |   |

49. THE MEDICAL LABORATORY SCIENCE PROGRAM requests:

|   |  |
|---|--|
| Presenter:  | J. Lasiter   |
| Action:   | <b>Change degree plan for Medical Laboratory Science, B.S.</b> |
| <b>Current Degree Plan:</b>   |  |
| <h2 style="text-align: center;">Medical Laboratory Science, B.S.<br/>(511005)</h2> <p><b>Required for a Major</b></p> <ul style="list-style-type: none"> <li>• <u>MLSC 2001 - Medical Laboratory Principles and Methods</u></li> <li>• <u>MLSC 3010 - Urinalysis and Body Fluids</u></li> <li>• <u>MLSC 3020 - Hematology</u></li> <li>• <u>MLSC 3021 - Hematology Laboratory</u></li> <li>• <u>MLSC 3022 - Immunology</u></li> <li>• <u>MLSC 3024 - Clinical Chemistry and Toxicology</u></li> <li>• <u>MLSC 3025 - Clinical Chemistry and Toxicology Laboratory</u></li> <li>• <u>MLSC 3026 - Clinical Chemistry and Toxicology</u></li> <li>• <u>MLSC 3027 - Immunochemistry and Blood Banking</u></li> <li>• <u>MLSC 3028 - Technical Procedures in Blood Banking</u></li> <li>• <u>MLSC 3030 - Medical Microbiology I</u></li> <li>• <u>MLSC 3040 - Medical Laboratory Management</u></li> <li>• <u>MLSC 4010 - Laboratory Methods and Applications</u></li> <li>• <u>MLSC 4011 - Phlebotomy-Practicum</u></li> <li>• <u>MLSC 4012 - Urinalysis Practicum</u></li> </ul> |  |

- [MLSC 4022 - Hematology II-Practicum](#)
- [MLSC 4023 - Hematology III-Practicum](#)
- [MLSC 4032 - Microbiology II-Practicum](#)
- [MLSC 4033 - Microbiology III-Practicum](#)
- [MLSC 4043 - Clinical Chemistry III-Practicum](#)
- [MLSC 4054 - Immunohematology Practicum](#)
- [MLSC 4060 - Medical Laboratory Science Professionalism](#)
- [MLSC 4062 - Laboratory Operations and Educational Methodologies](#)

## **Prerequisite and Core Courses**

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- Core English Composition **6 cr.**
- Core Fine Arts **3 cr.**
- Core Social Sciences **6 cr.**
- Core Humanities **9 cr.**
- [MATH 1011 - College Algebra](#)
- [MATH 1016 - Elementary Statistics](#)
- [CHEM 1007 - General Chemistry I](#)
- [CHEM 1008 - General Chemistry II](#)
- [CHEM 1009 - General Chemistry Laboratory I](#)
- [CHEM 1010 - General Chemistry Laboratory II](#)
- [CHEM 2030 - Organic Chemistry I](#)
- [CHEM 2031 - Organic Chemistry Laboratory I](#)
- [BIOL 1020 - Principles of Biology I](#)
- [BIOL 1021 - Principles of Biology I Laboratory](#)
- [BIOL 1014 - Introductory Microbiology](#)
- [BIOL 1015 - Introductory Microbiology Laboratory](#)
- [BIOL 2020 - Cell Biology](#)
- [BIOL 2026 - Human Anatomy and Physiology](#)
- [BIOL 3005 - Genetics](#)

## **Junior Year**

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- [MLSC 3010 - Urinalysis and Body Fluids](#)
- [MLSC 3020 - Hematology](#)
- [MLSC 3021 - Hematology Laboratory](#)
- [MLSC 3022 - Immunology](#)
- [MLSC 3024 - Clinical Chemistry and Toxicology](#)
- [MLSC 3025 - Clinical Chemistry and Toxicology Laboratory](#)
- [MLSC 3026 - Clinical Chemistry and Toxicology](#)
- [MLSC 3027 - Immunohematology and Blood Banking](#)
- [MLSC 3028 - Technical Procedures in Blood Banking](#)
- [MLSC 3030 - Medical Microbiology I](#)
- [MLSC 3040 - Medical Laboratory Management](#)
- [MLSC 4010 - Laboratory Methods and Applications](#)

**Total Hours 31**

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## **Senior Year**

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- [MLSC 4011 - Phlebotomy-Practicum](#)
- [MLSC 4012 - Urinalysis Practicum](#)



- [MLSC 4022 - Hematology II-Practicum](#)
- [MLSC 4023 - Hematology III-Practicum](#)
- [MLSC 4032 - Microbiology II-Practicum](#)
- [MLSC 4033 - Microbiology III-Practicum](#)
- [MLSC 4043 - Clinical Chemistry III-Practicum](#)
- [MLSC 4054 - Immunohematology Practicum](#)
- [MLSC 4060 - Medical Laboratory Science Professionalism](#)
- [MLSC 4062 - Laboratory Operations and Educational Methodologies](#)

**Total Hours 29**

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**Total hours for degree 120**

**Proposed Degree Plan:**

## **Medical Laboratory Science, B.S. (511005)**

### **Required for a Major**

- [MLSC 2001 - Medical Laboratory Principles and Methods](#)
- [MLSC 3010 - Urinalysis and Body Fluids](#)
- [MLSC 3015 - Hematology](#)
- [MLSC 3022 - Immunology](#)
- [MLSC 3024 - Clinical Chemistry and Toxicology](#)
- [MLSC 3030 - Medical Microbiology I](#)
- [MLSC 3034 - Clinical Chemistry and Toxicology II](#)
- [MLSC 3038 - Immunohematology and Technical Procedures](#)
- [MLSC 3040 - Medical Laboratory Management](#)
- [MLSC 4010 - Laboratory Methods and Applications](#)
- [MLSC 4011 - Phlebotomy-Practicum](#)
- [MLSC 4012 - Urinalysis Practicum](#)
- [MLSC 4022 - Hematology II-Practicum](#)
- [MLSC 4023 - Hematology III-Practicum](#)
- [MLSC 4032 - Microbiology II-Practicum](#)
- [MLSC 4033 - Microbiology III-Practicum](#)
- [MLSC 4043 - Clinical Chemistry III-Practicum](#)
- [MLSC 4054 - Immunohematology Practicum](#)
- [MLSC 4060 - Medical Laboratory Science Professionalism](#)
- [MLSC 4062 - Laboratory Operations and Educational Methodologies](#)

### **Prerequisite and Core Courses**

- 
- Core English Composition **6 cr.**
  - Core Fine Arts **3 cr.**
  - Core Social Sciences **6 cr.**
  - Core Humanities **9 cr.**
  - [MATH 1011 - College Algebra](#)
  - [MATH 1016 - Elementary Statistics](#)
  - [CHEM 1007 - General Chemistry I](#)

- CHEM 1008 - General Chemistry II
- CHEM 1009 - General Chemistry Laboratory I
- CHEM 1010 - General Chemistry Laboratory II
- CHEM 2030 - Organic Chemistry I
- CHEM 2031 - Organic Chemistry Laboratory I
- BIOL 1020 - Principles of Biology I
- BIOL 1021 - Principles of Biology I Laboratory
- BIOL 2014 - Introductory Microbiology
- BIOL 2015 - Introductory Microbiology Laboratory
- BIOL 2020 - Cell Biology
- BIOL 2026 - Human Anatomy and Physiology
- BIOL 3005 - Genetics

## Junior Year

- MLSC 3010 - Urinalysis and Body Fluids
- MLSC 3020 - Hematology
- MLSC 3021 - Hematology Laboratory
- MLSC 3022 - Immunology
- MLSC 3024 - Clinical Chemistry and Toxicology
- MLSC 3025 - Clinical Chemistry and Toxicology Laboratory
- MLSC 3026 - Clinical Chemistry and Toxicology
- MLSC 3027 - Immunohematology and Blood Banking
- MLSC 3028 - Technical Procedures in Blood Banking
- MLSC 3030 - Medical Microbiology I
- MLSC 3040 - Medical Laboratory Management
- MLSC 4010 - Laboratory Methods and Applications

## Total Hours 31

## Senior Year

- MLSC 4011 - Phlebotomy-Practicum
- MLSC 4012 - Urinalysis Practicum
- MLSC 4022 - Hematology II-Practicum
- MLSC 4023 - Hematology III-Practicum
- MLSC 4032 - Microbiology II-Practicum
- MLSC 4033 - Microbiology III-Practicum
- MLSC 4043 - Clinical Chemistry III-Practicum
- MLSC 4054 - Immunohematology Practicum
- MLSC 4060 - Medical Laboratory Science Professionalism
- MLSC 4062 - Laboratory Operations and Educational Methodologies

## Total Hours 29

### Total hours for degree 120

|                             |             |
|-----------------------------|-------------|
| Credit Hours:               |             |
| Current Level:              | U           |
| Activity Type:              |             |
| Maximum Hours to Be Earned: |             |
| Cross-Listed:               |             |
| Change Effective:           | Summer 2022 |



|                           |                 |
|---------------------------|-----------------|
| First Term Offered:       |                 |
| Last Term Offered:        |                 |
| Offered Fixed/Variable:   |                 |
| Variable Range:           |                 |
| Abbreviated Course Title: |                 |
| UCC Decision:             | <b>APPROVED</b> |
| Notes:                    |                 |