

## BS BIOCHEMISTRY-MOLECULAR BIOLOGY RECOMMENDED SCHEDULE

### YEAR 1:

#### FALL

Chem 1A-AL  
Math 3A

#### WINTER

Chem 1B-BL  
Math 3B

#### SPRING

Chem 1C-CL  
Math 4A

### YEAR 2:

#### FALL

MCDB 1A-AL  
Chem 109A  
\*Physic 6A-AL  
Math 6A

#### WINTER

MCDB 1B and EEMB 2  
MCDB 1BL or EEMB 2L  
Chem 109B  
Chem 6AL  
\*Phys 6B-BL

#### SPRING

EEMB 3-3L  
Chem 109C  
Chem 6BL  
\*Phys 6C-CL

*\*Physics must be completed before you begin your Physical Chemistry 112A or 113A.*

### YEAR 3:

#### FALL

MCDB 108A  
MCDB101A

#### WINTER

MCDB108B  
MCDB101B

#### SPRING

MCDB108C  
\*MCDB109L

### YEAR 4:

#### FALL

Chem 112A or 113A

#### WINTER

MCDB 123

#### SPRING

\*MCDB 109L

*\*MCDB 109L can be taken Spring quarter of either 3<sup>rd</sup> or 4<sup>th</sup> year (but more often 4<sup>th</sup> year).*

*Area E: Some upper division major electives are needed to reach the required 48. Choose electives according to interest and place according to prerequisites and quarter offered. Check the major requirement sheet for acceptable courses.*

The department has a list of courses offered quarter by quarter (available in LSB 3320). Prerequisites are listed in the General Catalog.

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## B.S CELL AND DEVELOPMENTAL BIOLOGY RECOMMENDED SCHEDULE

### YEAR 1:

#### FALL

Chem 1A-AL  
Math 3A or 34A

#### WINTER

Chem 1B-BL  
Math 3B or 34B

#### SPRING

Chem 1C-CL  
Math 4A  
or PSTAT 5A or PSTAT 5LS

### YEAR 2:

#### FALL

MCDB 1A-AL  
Chem 109A  
\*Phys 6A-AL

#### WINTER

MCDB 1B and EEMB 2  
MCDB 1BL or EEMB 2L  
Chem 109B  
Chem 6AL  
\*Phys 6B-BL

#### SPRING

EEMB 3-3L  
Chem 109C  
Chem 6BL  
\*Phys 6C-CL

*\*Physics can be taken any time but we cannot guarantee that these courses will not conflict with upper division MCDB courses.*

### YEAR 3:

#### FALL

MCDB 108A  
MCDB 101A

#### WINTER

MCDB 108B  
\*MCDB 101B                    or  
MCDB 103-103L

#### SPRING

MCDB 108C  
MCDB 101B

\*MCDB 101B is offered Winter, Spring, and Summer quarters.

Year 4 should be scheduled according to course interest, prerequisites, and which quarter courses are offered. Courses listed in year 4 can also be taken during year 3; there is some flexibility as long as required prerequisites are completed prior to enrollment.

### YEAR 4

#### FALL

AREA D (2 courses):  
MCDB 112

#### WINTER

MCDB 112L (can also apply to E2)

#### SPRING

MCDB 153  
MCDB 118

AREA E1 (1 course):

\*AREA E2 (1 course):  
MCDB 126-126AL

MCDB 133  
MCDB 126B-BL  
MCDB 132-132L

MCDB 133L  
MCDB 140L  
MCDB 109L

*\* One course or course sequence is required for Area E2 (if a course is a lecture and a lab, IE: 132-132L, both courses must be taken to satisfy the requirement.)*

*AREA F: 6-13 elective units required.*

The department has a list of courses offered quarter by quarter (available in LSB 3320). Prerequisites are listed in the General Catalog.

## B.S MICROBIOLOGY RECOMMENDED SCHEDULE

### YEAR 1:

#### FALL

Chem 1A-AL  
Math 3A or 34A

#### WINTER

Chem 1B-BL  
Math 3B or 34B

#### SPRING

Chem 1C-CL  
Math 4A or PSTAT 5A  
or PSTAT 5LS

### YEAR 2:

#### FALL

MCDB 1A-AL  
Chem 109A  
\*Phys 6A-AL

#### WINTER

MCDB 1B and EEMB 2  
MCDB 1BL or EEMB 2L  
Chem 109B  
Chem 6AL  
\*Phys 6B-BL

#### SPRING

EEMB 3-3L  
Chem 109C  
Chem 6BL  
\*Phys 6C-CL

*\*Physics can be taken any time but we cannot guarantee that these courses will not conflict with upper division MCDB courses.*

### YEAR 3:

#### FALL

MCDB 108A  
MCDB 101A

#### WINTER

MCDB 108B  
MCDB 101B

#### SPRING

MCDB 108C  
MCDB 134

### YEAR 4:

#### FALL

MCDB 131-131L

#### WINTER

MCDB 133  
MCDB 132-132L

#### SPRING

Electives

~OR~

### YEAR 3:

#### FALL

MCDB 101A  
MCDB 131-131L

#### WINTER

MCDB 101B  
MCDB 132-132L

#### SPRING

MCDB 134

### YEAR 4:

#### FALL

MCDB 108A

#### WINTER

MCDB 108B  
MCDB 133

#### SPRING

MCDB 108C

*Area II: Some upper division major electives are required. Check the major requirement sheet for acceptable courses and choose based on interest.*

The department has a list of courses offered quarter by quarter (available in LSB 3320). Prerequisites are listed in the General Catalog online.

Strongly consider MCDB 133L in Spring.

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## B.S PHARMACOLOGY RECOMMENDED SCHEDULE

### YEAR 1:

#### FALL

Chem 1A-AL  
Math 3A or 34A

#### WINTER

Chem 1B-BL  
Math 3B or 34B

#### SPRING

Chem 1C-CL  
Math 4A or PSTAT 5A  
or PSTAT 5LS or PSY 5

### YEAR 2:

#### FALL

MCDB 1A-AL  
Chem 109A  
\*Phys 6A-AL

#### WINTER

MCDB 1B and EEMB 2  
MCDB 1BL or EEMB 2L  
Chem 109B  
Chem 6AL  
\*Phys 6B-BL

#### SPRING

EEMB 3-3L  
Chem 109C  
Chem 6BL  
\*Phys 6C-CL

*\*\*Physics can be taken any time but we cannot guarantee that these courses will not conflict with upper division MCDB courses.*

### YEAR 3:

#### FALL

MCDB 108A  
MCDB 101A

#### WINTER

MCDB 108B  
MCDB 101B

or

#### SPRING

MCDB 108C  
MCDB 101B

### YEAR 4:

#### FALL

MCDB 126A-AL

#### WINTER

MCDB 126B-BL

#### SPRING

MCDB 126C

*Area II: Some upper division major electives are required to reach the required 50 units. Choose electives according to interest and place according to prerequisites and quarter offered. Check the major requirement sheet for acceptable courses.*

No more than 16 U.D. units may be taken as applicable outside of MCDB. (Only courses outside of MCDB that are listed on the requirement sheet are allowed.)

The department has a list of courses offered quarter by quarter (available in LSB 3320). Prerequisites are listed in the General Catalog online.

Consider taking MCDB 111 (Physiology) Fall of 3<sup>rd</sup> year and MCDB 101A in Winter and 101B in Spring.

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