



# College of Science & Mathematics Student Success Center Biology Major Course Recommendations

These recommendations will help you build your WISER course schedule “shopping cart” based the sample schedules below.

Your math placement result determines which sample schedule to select.

If you are placed into MATH115, take...

- **BIOL111** - General Biology I; 4 Credits
- **MATH115** - College Algebra; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **BIOL 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>
- **General Education Distribution** - 3 Credits

**Total Credits: 15**

If you are placed into MATH130, take...

- **BIOL111** - General Biology I; 4 Credits
- **MATH130** - Pre-Calc ; 3 Credits
- **CHEM115 & CHEM117** - Chemistry I ; 5 Credits
- **ENGL101** - Composition I; 3 Credits
- **BIOL 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 17**

If you are placed into MATH140, take...

- **BIOL111** - General Biology I; 4 Credits
- **MATH140** - Calculus I; 4 Credits
- **CHEM115 & CHEM117** - Chemistry I ; 5 Credits
- **ENGL101** - Composition I; 3Credits
- **BIOL 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 18** (requires a credit overload)

## Important Considerations:

- <sup>(1)</sup>The First Year Seminar Requirement can be satisfied by taking either a:
  - First Year Seminar G-100 level (4-credits), or
  - Year-long sequence of Gateway Seminars (2-credits each) - Gateway seminars fill up quickly!
- Enrollment into CHEM 115 and CHEM 117 **requires** placement into Math 130. (ALEKS: 59, SAT: 590, ACT: 25)
- If you have earned AP credit or have dual enrollment credit being transferred, speak to an advisor.

## For Future Academic Planning:

- Some classes have grade requirements that must be met in order to move on to the next level of a class. These are called prerequisites.
  - MATH115: Earn a B or better to move on to Math 130
  - MATH130: Earn a B or better to move on to Math 140
  - MATH140: Earn a C- or better to move on to Math 141
  - CHEM115: Earn a C- or better to move on to CHEM116
  - CHEM116: Earn a C- or better to move on to CHEM251



# College of Science & Mathematics

## Student Success Center

### Biochem/Chemistry Major Course Recommendations

These recommendations will help you build your WISER course schedule “shopping cart” based the sample schedules below.

Your math placement result determines which sample schedule to select.

**If you are placed into MATH115, take...**

- **BIOL111** - General Biology I; 4 Credits
- **MATH115** - College Algebra; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **General Education Distribution** - 3 Credits
- **CHEM 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 15**

**If you are placed into MATH130, take...**

- **BIOL111** - General Biology I; 4 Credits
- **MATH130** - Pre-Calc; 3 Credits
- **CHEM115 & CHEM117** - Chemistry I; 5 Credits
- **ENGL101** - Composition I; 3 Credits
- **CHEM 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 17**

**If you are placed into MATH140, take...**

- **BIOL111** - General Biology I; 4 Credits
- **MATH140** - Calculus I; 4 Credits
- **CHEM115 & CHEM117** - Chemistry I; 5 Credits
- **ENGL101** - Composition I; 3 Credits
- **CHEM 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 18** (requires a credit overload)

**If you received credit for MATH140...**

- **BIOL111** - General Biology I; 4 Credits
- **MATH141** - Calculus II; 4 Credits
- **CHEM115 & CHEM117** - Chemistry I; 5 Credits
- **ENGL101** - Composition I; 3 Credits
- **CHEM 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 18** (requires a credit overload)

#### Important Considerations:

- <sup>(1)</sup>The First Year Seminar Requirement can be satisfied by taking either a:
  - First Year Seminar G-100 level (4-credits), or
  - Year-long sequence of Gateway Seminars (2-credits each) - Gateway seminars fill up quickly!
- Enrollment into CHEM 115 and CHEM 117 **requires** placement into Math 130. (ALEKS: 59, SAT: 590, ACT: 25)
- If you have earned AP credit or have dual enrollment credit being transferred, speak to an advisor.

#### For Future Academic Planning:

- Some classes have grade requirements that must be met in order to move on to the next level of a class. These are called prerequisites.
  - MATH115: Earn a B or better to move on to Math 130
  - MATH130: Earn a B or better to move on to Math 140
  - MATH140: Earn a C- or better to move on to Math 141
  - CHEM115: Earn a C- or better to move on to CHEM116
  - CHEM116: Earn a C- or better to move on to CHEM251
  - CHEM251 Earn a C- or better to move on to CHEM252