



# College of Science & Mathematics Student Success Center Information Technology Major Course First Year 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...

- **IT110** - Information Technology Problem Solving; 3 Credits
- **MATH115** - College Algebra; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **First-Year Seminar** - 4 Credits<sub>(1)</sub>
- **General Education Distribution** - 3 Credits

**Total Credits: 16**

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

- **IT110** - Information Technology Problem Solving; 3 Credits
- **MATH130** - Pre-Calc; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **First-Year Seminar** - 4 Credits<sub>(1)</sub>
- **General Education Distribution** - 3 Credits

**Total Credits: 16**

### If you are placed into MATH135, take...

- **IT110** - Information Technology Problem Solving; 3 Credits
- **MATH135** - Survey of Calculus; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **First-Year Seminar** - 4 Credits<sub>(1)</sub>
- **General Education Distribution** - 3 Credits

**Total Credits: 16**

### Important Considerations:

- Carefully review the attached Tech-Science Decision Guide to assess if this major aligns with your interests, skills, and career aspirations.
- <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!
- If you have earned AP credit or have dual enrollment credit being transferred, speak to an advisor about how to alter your schedule.
- Enrollment into IT 110 **requires** placement into Math 115. (ALEKS: 44, SAT: 520, ACT: 20)

### For Future Academic Planning:

- Some classes in the IT major have grade requirements that must be met in order to move on to the next level of a class. These are called prerequisites.
  - Math 115: Earn a B or better to move on to Math 130
  - Math 130: Earn a B or better to move on to Math 140



# College of Science & Mathematics

## Student Success Center

### Computer Science 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...

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

**Total Credits: 17**

If you are placed into MATH130, take...

- **MATH130**- Pre-Calc; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **General Education Distribution** - 3 Credits
- **General Education Distribution** - 3 Credits
- **General Education Distribution** - 3 Credits
- **CS 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 17**

If you are placed into MATH140, take...

- **MATH140** - Calculus I; 4 Credits
- **CS110** - Introduction to Computing; 4 Credits
- **ENGL101** - Composition I; 3Credits
- **General Education Distribution** - 3 Credits
- **CS 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 16**

If you received credit for MATH140...

- **MATH141** - Calculus II; 4 Credits
- **CS110** - Introduction to Computing; 4 Credits
- **ENGL101** - Composition I; 3 Credits
- **General Education Distribution** - 3 Credits
- **CS 187S** - Gateway Seminar; 2 Credits<sup>(1)</sup>

**Total Credits: 16**

#### 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!
- Carefully review the attached Tech-Science Decision Guide to assess if this major aligns with your interests, skills, and career aspirations.
- Enrollment into CS 110 requires placement into Math 140. (ALEKS: 74, SAT: 640, ACT: 27)
- Computer Science students should NOT register for CS 105.
- If you have earned AP credit or have dual enrollment credit being transferred, speak to an advisor about how to alter your schedule.

#### For Future Academic Planning:

- Some classes in the CS major have grade requirements that must be met in order to move on to the next course in sequence. These are called prerequisites.
  - Math 115: Earn a B or better to move on to Math 130
  - Math 130: Earn a B or better to move on to Math 140
  - Math 140: Earn a C- or better to move on to Math 141
  - CS 110: Earn a C- or better to move on to 200 level CS classes