

# CS Course Recommendation Website

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# JMU CS Course Recommendations Guide

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Welcome!

This website was made by JMU CS students to give a suggested path to get a CS degree at JMU. Click on a link on the bar above to select a plan. In addition to this website, we highly recommend taking a look at the following resources from the JMU CS Wiki:

- JMU CS WIKI Curriculum page
- [Interactive flowchart](#)
- [JMU CS Curriculum](#)

Form: feedback

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## Year 1

Semester 1:  
Year 1

CS 149

Math 155

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### Semester advice:

- Take some GenEds while you can. The semesters after this will only get busier and busier!
- Go to the 149 review sessions if you need help
- Take MATH 235 as soon as you can!
- Most people will have credit for MATH 155, but if you don't, we recommend you take them now!

Semester 2:

CS 159

Math 235

CS 227

(apply for the major)

### Semester advice:

- CS 159 is a great course that will show
- CS 227 is one of the discrete math classes
- Get ready to apply to the major! If you have a B average in 149 and 159, you will be guaranteed admission!
- MATH 235 is important to take now since it will be required for CS 240 next semester
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## Year 2

### Semester 1:

CS 240

CS 343 (elective 1) or CS345

Calc 2 (not needed, could increase your salary if you work in the government)

### Semester 2:

CS 261

CS 327

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### Semester advice:

- Most students find 240 to be very difficult.
- Most students take 345 this semester, but we recommend 343 because it will unlock many more electives
- Calculus 2 is not required, but looks good on resumes and can sometimes even increase starting salaries

### Semester advice:

- CS 261 is a lot of work. Make sure to carve out lots of time for homework!
- CS 327 is more discrete math
- This is a great time to explore your interests. Go to research talks, apply for internships, and try to discover what part of CS interests you the most

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## Year 3

Semester 1:

CS 361

CS 345 / 343

ALL PREREQS UNLOCKED :)

Semester 2:

CS 430

CS systems elective

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### Semester advice:

- 361 is very difficult.
- This would be a great time to take CS 345 if you haven't already. Otherwise, you can substitute any elective
- By the end of this semester, you will have all prerequisites unlocked. You can now take just about any CS class available

### Semester advice:

- If you made it this far, you probably don't need much advice.
- Focus on learning as much as you can and gearing your education towards your future!

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## Year 4

Semester 1:  
CS 412

CS Elective 3

Semester 2:

Whatever you want :)

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### Semester advice:

- Go to career fairs and the career center
- Get that resume ready and look for a job!
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### Semester advice:

- You already have enough credits to graduate with a CS degree, so go wherever the wind takes you