Summer Springboard Group Advising
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Dept of Computer Science

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Think-Pair-Share

• On your index card, please write:
  • First and last name, and hometown
  • Why did you decide to come to JMU?
  • What resources helped you to decide?

• Find a partner and introduce yourself
  • Exchange cards and compare answers
  • Look for common themes and new ideas

• Each group will report one answer
  • “We decided to come to JMU because _____.”
  • “She used _____ to help make the decision.”
Crowdsourcing

Advisor/Advisee Verbs

* Required

Think of three verbs to describe what an advisor in college does.

Please don’t just say "advise" -- think about what that word means.

http://goo.gl/oxHptI
Know the Academic Requirements.
- General Education, your major and degree program, and any optional academic program additions, such as a minor or pre-professional programs.

Choose a major and explore your career options.

Know Your Academic Advisor.
- Preferred method of communication (e.g., phone, email, office hours)
- Initiate contact for advice, info., resources, and support.

Be Prepared for Meetings with Your Advisor.

You are responsible for your decisions, actions, and holding yourself accountable for academic rigor.
Helps with academic planning and decision-making.

Address questions and concerns regarding General Education, major, and degree requirements.

Explains how students' academic decisions affect their progress towards meeting graduation requirements.

Discuss academic choices with regard to long-term academic and career goals.

Refers to other campus resources as needed.
Advisor Role

Orientation – February

Freshman Advisor

February – Graduation

Major Advisor
Pre-Professional, Minor, or Second Major Advisor if applicable
Your 5-Year Dream

Visualize yourself walking across the stage at graduation in several years. What do you hope to accomplish while you’re here?

Questions to consider:
• Why did you come to college?
• What are your expectations?
• What courses do you want to take?
• What out-of-class opportunities are you planning to explore while at JMU?
• Where do you want to be in 5 years?
What do you think the biggest difference will be between high school and university academics?
2015 CIRP Freshman Survey (141,189 participants)

• 76.7% of entering first year students reported spending less than 10 hours/week doing homework in 12th grade

• 58.7% of these students said that in high school their average grade was A or A-

• 73.5% believe that their academic ability is above average or in the highest 10 percent among people their age

The American Freshman: National Norms Fall 2015
http://www.heri.ucla.edu/
Bloom’s Taxonomy

- **Remember**: Recall facts and basic concepts
  - Define, duplicate, list, memorize, repeat, state
- **Understand**: Explain ideas or concepts
  - Classify, describe, discuss, explain, identify, locate, recognize, report, select, translate
- **Apply**: Use information in new situations
  - Execute, implement, solve, use, demonstrate, interpret, operate, schedule, sketch
- **Analyze**: Draw connections among ideas
  - Differentiate, organize, relate, compare, contrast, distinguish, examine, experiment, question, test
- **Evaluate**: Justify a stand or decision
  - Appraise, argue, defend, judge, select, support, value, critique, weigh
- **Create**: Produce new or original work
  - Design, assemble, construct, conjecture, develop, formulate, author, investigate

https://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/
High School vs College

How will you achieve higher levels of learning? (i.e., analyzing, evaluating, creating)

Discuss with your neighbors:

• Describe a typical college class. What are the students doing? What is the professor doing?
• When, where, and how does the actual learning take place?
• How should university faculty be different than high school teachers?
• How much time will you commit to studying this fall?
Your Total Education  (120 credits)

52-55 hours in CS
38-41 hours GenEd
24-27 hours Elective
"Employers overwhelming agree that all college graduates need broad knowledge, intellectual and practical skills, and hands-on experience in order to be well prepared for successful careers."

General Education Program

http://www.jmu.edu/ged
Computer Science: 1st Semester

Each of you should be taking:
- CS 139 or CS 149 (or CS 159+227)
- MATH 231/235 or GenEd science
- Something from Cluster 1 GenEd
- Any other GenEd or elective course

We strongly recommend 4 courses
- 13-15 hours is the most typical schedule
- CS + Math/Science will be very intensive
- Give yourself a chance to adjust this fall!
- Start taking five courses in 2nd semester
First Year Grade Requirements

- In order to take CS 159 (2nd semester)
  - You must have a **B- or higher in CS 139/149**
    - You may enroll in CS 139/149 at most twice
    - You may only earn credit for 139 or 149

- In order to take CS 240 (3rd semester)
  - You must have a **C- or higher in CS 159 and CS 227**
    - You may enroll in CS 159 and CS 227 at most twice
  - You must have a **C- or higher in MATH 231/235**
    - And you must be fully admitted to the CS major
Admission to CS Major/Minor

• You may submit an application for full major/minor status during or after the semester you complete CS 159

• Students with a **GPA of 3.0 or better in CS 139/149 and CS 159** who attempted these classes only once are guaranteed full admission

• Others will be granted full admission as space permits based on their CS GPA and faculty evaluation of their potential

See the catalog for more details:
http://www.jmu.edu/catalog/16/programs/computer-science.shtml