Major to Career
Introductions

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Goals of Presentation

1. You have a major or cluster area of interest but need a CAREER PATH
2. You have a career interest, but need a MAJOR to get there
What is the STEM Cluster?

The STEM Career Cluster focuses on a variety of careers and industries in the science, technology, engineering, and mathematics fields.
You have a major or cluster area of interest but need a career path...

-Do you have a plan?
-I don't even have a "pla."
Step 1: Explore Industry Exploration Tools

1. To understand the variety of careers associated with your majors/areas of interests
2. Learn the jobs you can apply for with an undergraduate degree and which jobs need further education.
What Can I Do With This Major

https://whatcanidowiththismajor.com/major/majors/
Computer Science

Print Version

The field of computer science is constantly changing. The areas listed below do not exhaust possible career options. See also What Can I Do With This Major in Management Information Systems?

Area
Programming

- Operating systems
- Application systems
  - Scientific
  - Engineering
  - Business
- Maintenance
- Research and development

Employers

- Computer systems design firms
- Software developers
- Data processing/Management firms
- Most areas of business, government and non-governmental organizations:
  - Financial institutions
- Continued:
  - Healthcare organizations
  - Hotels and restaurants
Nearly 8.6 million STEM jobs in 2015

There were nearly 8.6 million STEM jobs in May 2015, representing 6.2 percent of U.S. employment. Computer occupations made up nearly 45 percent of STEM employment, and engineers made up an additional 19 percent. Mathematical science occupations and architects, surveyors, and cartographers combined made up less than 4 percent of STEM employment.
O*NET

Worker-oriented

Worker Characteristics
- Abilities
- Occupational Interests
- Work Values
- Work Styles

Worker Requirements
- Skills
- Knowledge
- Education

Experience Requirements
- Experience and Training
- Skills
- Entry Requirements
- Licensing

Cross Occupation

Occupational Requirements
- Work Activities
  - General
  - Intermediate
  - Detailed
- Organizational Context
- Work Context

Occupation-specific

Occupation Characteristics
- Labor Market Information
- Occupational Outlook

Occupation-Specific Information
- Title
- Description
- Alternate Titles
- Tasks
- Tools and Technology

Job-oriented

www.onetonline.org
My Next Move

www.mynextmove.org
What do you want to do for a living?

"I want to be a ..."

Search careers with key words.
Describe your dream career in a few words:
Examples: doctor, build houses

"I'll know it when I see it."

Browse careers by industry.
There are over 900 career options for you to look at. Find yours in one of these industries:
Administration & Support Services

"I'm not really sure."

Tell us what you like to do.
Answer questions about the type of work you might enjoy. We'll suggest careers that match your interests and training.

Still not sure? Check out careers in these groups:
Bright Outlook
Best Pay
Strongest Expected Growth
Hobbies & Interests
Job Prep

Are you a veteran looking for work?
My Next Move for Veterans helps you find a civilian career similar to your military job.

¿Habla español?
MI Próximo Paso incluye carreras, aptitudes, información sobre salarios y más de 900 carreras diferentes.
TypeFocus

http://web.uri.edu/career/professional-development-modules/
www.typefocus.com
Step 2: Connect with Professionals

1. To gain a greater understanding of where your major can lead you on your career path.

2. To make useful networking connections; opening you up to more opportunities to explore various career paths.
Utilize LinkedIn to view Alumni in your field
*See alumni tab (Alumni Finder)

1. To understand what position titles are out there for students graduating with the same degree
2. To see where others who were in your position started and where their career path has taken them

TIP: Not sure how to set up a LinkedIn account? Come to drop in hours in the Career Center: M–F, 10am–3pm
Informational Interview

What is it?

- Setting up a time to speak with professionals in the career field that you are interested in.

Why it’s helpful.

- You can learn about their career path
- They can answer questions you may have about the career
- Gain feedback and advice on how to succeed in that profession
- Build your network

“Interview someone whose job you want & discover how they got it.”
Job Shadow

What is it?

- Opportunity to look further into a career path by setting up a time to observe the typical routine of someone in the profession in which you are interested.

Why it’s helpful.

- See what the day to day work looks like
- Connect with professionals to learn more about the field
You have a career interest but are looking for a major to get there...
Step 1: Exploration = Preparation!

Utilize the “Finding a Best-Fit Major” pathway to consider major options and to prepare for a meeting with an Academic Advisor.

http://web.uri.edu/advising/exploring-majors/
What are my options?

- Examine the list of majors to narrow it down to your interests
- Make an appointment with an Academic Advisor after doing your research

http://web.uri.edu/advising/interest-clusters/
Exploring Majors & Careers Module

http://web.uri.edu/career/professional-development-modules/
Explore Job Postings for Industry Information

TIP: Look up job postings for a position title that you think you may be interested in

1. Gather information and see what kind of undergraduate or graduate degree that position would need

2. Learn what skills employers are seeking for that position
Academic Advisor can help you determine the courses that are best for you to take to help you develop these skills.
Step 2: Give it a shot!

- Take some general education courses that can also serve as a gateway to the major
- Join the listserv of a major you are interested in.
- Take advantage of professor office hours to strike up a conversation about their career path (they were all college students once, too!)
You Won’t (Really) Know Until You Try It

1. Volunteer
2. Internship
3. Research on or off campus
4. Teaching Assistant (TA) for a class
5. Intentional part time and summer jobs
HAVE OTHER QUESTIONS?

Career Center Drop In Hours
Roosevelt Hall, South Side
M–F
10am–3pm

Academic Advising Drop In Hours
Roosevelt Hall, North Side
M–F
2pm–4pm