

Big Data, Energy & Innovation

Here's a great example of how a student in this career community might use their time both in and out of the classroom in order to prepare for a successful future. Use this as a guide as you plan your own Fulbright College experience - make the most of your time here!

Freshman Year:

1. Explore the Big Data, Energy and Innovation career community and industry online, with faculty and with people in your network.
2. Use the Fulbright College Compass, in routine consultation with your Fulbright Futures Advisor in the Fulbright Freshman Advising Center or Honors Advising, to fully research the career communities, majors, and minors that interest you.
3. Enjoy University Core classes that will help you develop a basic competency in core skills for Big Data, Energy and Innovation (mathematical and scientific reasoning, active listening, reading comprehension, technological aptitude, speaking, critical thinking), notice associations you're able to make between disciplines and industries.
4. Attend meetings for student organizations related to Big Data, Energy & Innovation or your major.
5. Declare the combination of career community, major(s), and minors that fits your goals by the end of your freshman year.

Sophomore Year:

1. In routine consultation with your College Advisor in the Fulbright College Advising Center, use the Fulbright Futures Passport for Big Data, Energy and Innovation to design your ideal future resume and create a semester-by-semester plan to get there.
2. Introduce yourself to a faculty mentor within your major to begin discussing the most exciting things about the discipline and how you can make the most of your major.
3. Engage in foundational classes specific to your chosen major(s) and minor(s) and use these classes to enhance the skills most important to your career community.
4. Research occupations, employers, and job postings within Big Data, Energy and Innovation. If planning to attend graduate school, begin to narrow down your list of potential graduate or professional programs.
5. Visit with a career counselor or graduate school faculty mentor familiar with your career community.
6. Connect with professionals and alumni in your career community on social media sites, such as LinkedIn and campus or community professional associations, and conduct informational interviews.
7. Explore options for undergraduate research, part-time jobs, volunteer opportunities, student leadership, study abroad, and service learning that might fit within Big Data, Energy and Innovation and your major(s).
8. Officially join student organizations specific to your career community, major(s), and interests.
9. Research and observe or participate in the STEM Career Fair, GeoCareer Week, and/or Business Career Fair.

Junior Year:

1. Maintain routine consultation with your College Advisor to make sure you continue to follow the plan in your Passport and to adjust when needed.
2. Continue to meet regularly with your faculty mentor to discuss the many opportunities

related to your major: upper-level coursework, internships, research, and graduate schools.

3. Engage in advanced coursework within your major(s) and minor(s), fine-tuning Big Data, Energy and Innovation skills and draw theoretical and practical connections related to the industry and your personal goals.
4. Choose elective coursework that compliments your goals.
5. Meet often with a career counselor or graduate school mentor specific to your career community.
6. Consider leadership positions that align with Big Data, Energy and Innovation within the student organizations of which you are a member.
7. Take advantage of as many experiential learning opportunities related to your career community as you can, including internships, part-time jobs, research, study abroad, service learning, volunteering, observation, etc. Draw connections between these activities and the big data, energy and/or innovation industries.
8. Attend STEM Career Fair, Business Career Fair and/or GeoCareer Week to discuss the field with professionals and identify internships or job opportunities; And/Or attend the Graduate and Professional School Fair to discuss program opportunities and admission criteria.
9. Focus on perfecting application skills for jobs or graduate school by utilizing mock interviews, resume reviews, letters of recommendation/references, personal statement or writing sample reviews, and the application process itself.

Senior Year:

1. Apply for graduation in consultation with your College Advisor.
2. Identify opportunities to participate in Big Data, Energy and Innovation-type competitions produced by professional associations and companies.
2. Apply for employment opportunities or graduate schools posted within your career community with the support of your career counselor and/or graduate school mentor.
3. Meet often with your faculty mentor for general guidance during this crucial time.
4. Attend career fairs and/or graduate school fair (such as STEM Career Fair, Business Career Fair, UA Career Fair for All Majors) to interact with employers or graduate schools to which you are applying.
5. Become a mentor to sophomores and juniors within your student organizations, classes and career community activities.

Graduation:

1. Attend the Fulbright Futures Launch Party as an honored guest to celebrate your acceptance of an employment or graduate school offer in your field.
2. Participate in the Fulbright College Commencement Ceremony as you transition to a new phase and become a leader within our Fulbright Family!

Alumni:

1. As you progress in your career, stay connected to your Fulbright Family through your career community.
2. Consider being a mentor to Fulbright College students or speaking at an event related to your career community.
3. Never stop learning, developing, and influencing the world in the spirit of Senator J. William Fulbright!