Roadmap to STEM Career Success

Steps for Early Career Planning
Career and Professional Development
Pathways Center
Agenda

- Career Pathways in STEM
- Future of the STEM Job Market
- STEM Career Success Roadmap: First and Second-Year Steps
- Emory Resources to Support Your Career Exploration
Career Pathways in STEM

Industry Employment
- Analyst
- Project
- Product
- Information Technology
- Computer Science
- Cybersecurity
- Consulting
- Operations
- Strategy

Academia Employment
- Teaching
- Professional
- Research
- Professional
- STEM PHD

Public Health
- Healthcare Administration
Future of STEM Job Market

- **BLS Statistics, 2029 Projections**
- **STEM Field Growth**: Expected 8% growth, surpassing the 3.7% average for all occupations
- **SWE Opportunities**: Anticipates 41,000 annual openings
  - Highest median annual wage: $127,260
- **High-Growth Occupations**: Data scientists, statisticians, IT projected to grow over 11 times the average rate
Roadmap to STEM Career Success
First and Second Year
First Year & Second Year Get Grounded!

- Explore Interests
- Self-Discovery
- Develop Skills
- Network
First Year & Second Year: Explore Interests

- Take introductory courses in STEM fields that interest you.
- Don't be afraid to explore other professional pathways.
- Join student organizations aligned with your interests.
- Join a Career Community to discover opportunities.
- Pre-Health Track? Meet with a Pre-Health Advisor to get on track.
First-Year & Second Year: Self-Discovery

- Complete a career assessment
- Create a profile on Handshake
- Talk with a career coach or advisors to identify potential career paths based on your interests and skills.
First & Second Year Year:
Develop Skills

Use Emory Degree Tracker
Monitor your academic progress

Stay Informed
Review degree requirements and GPA expectations

Consider Graduate School
Explore admission requirements if applicable

Leverage Academic Support
Use campus resources as needed (tutoring, etc.)

Regular Check-ins
Meet with Academic Advisor and Career Coach 1-2x per semester

Learn the Career Prep Fundamentals
Resume building, cover letter writing, and more!
Career Prep Fundamentals

The Office of Career & Professional Development will be hosting skill-building development sessions throughout the semester!

- Resumes
- Job & Internship Searching + Career Pathways
- Networking & Cold Outreach
- LinkedIn & Branding
- Interviewing (General, Behavioral)
- Job Offers (Negotiations, Benefits, etc.)

Visit https://cpd.emory.edu/events/ for the latest calendar of events and stay tuned for monthly CPD career community newsletters for more info!
First Year: Networking

- Industry Networking Nights
- Career Trek Trips
- Career Fairs
- Emory Alumni Connections
New Routes To Add To Your Roadmap As A Second Year

- Advanced courses and research opportunities
- Engage in Experiential Learning
- Volunteering & STEM-related internships
- Capture your accomplishments by compiling a journal
- Attend Sophomore Summit!
How to Connect with the STEM Career Coach and STEM Career Community

Nydia Araya, STEM Career Coach
Office Hours: Monday – Friday
8:30 AM to 5:00 PM (EST)
Email: njaraya@emory.edu
Weekly Drop-in Hours: See Handshake
Need a 1-1 appointment? Schedule on Handshake!

Resources
Join the STEM Career Community!
Select “STEM” under your interests in your Profile on Handshake
STEM Career Community Newsletters
STEM Resource Guides
STEM Career Preparation Sessions