

CHEMISTRY & PHYSICS

Use the Career Center Services

- Visit the Career Center homepage: <http://career.indstate.edu>
- Attend a [Networking Etiquette Workshop](#) to learn how to network in a group setting and the proper behavior in business and formal dining.
- Sign up for a [Practice Interview and Critique](#) with a Career Counselor.
- Attend the [ISU CAREER OPPORTUNITY FAIRS](#) held each Spring and Fall semester.
- Use [Sycamore CAREERlink](#) to look for Internships and Co-ops in your field.
- Use [Sycamore CAREERlink](#) to be able to view job listings and to post your resume online for employers to view.
- Be sure to sign up for [campus interviews](#) in your field.

Some Job Titles

Analytic Chemist	Laboratory Technician
Analytical Technologist	Organic Chemist
Biochemist	Pharmaceutical Salesperson
Chemist	Physical Scientist
Chemistry/Physics Teacher	Physicist
Development Chemist	Quality Control Chemist

Know the Skills that Employers are Looking for in Your Field

If you look at job advertisements you will find that employers are looking for specific skills. Here is a list of some of these skills in Chemistry and Physics. Consider looking at more job ads in the career center resources and on the internet. From jobs ads you will get an idea of job titles and needed skills to land the jobs you want when you graduate.

B.S. in Chemistry or Physics
M.S. or Ph.D. in Chemistry or Physics often desired
Laboratory experience
Instrument experience in HPLC, GC, IR, UV and AA
Experience with gas chromatography, gel permeation
Effective use of spreadsheet, database management, and word processing
Good verbal and written communications skills
Problem solving skills
Analytic techniques (HPLC, CE, MS, NMR)
Interpersonal skills to interact with lab technicians
Ability to interpret statistical analysis of results
Ability to perform instrument calibration, testing, and maintenance

How can you get these skills while at ISU?

Assist a professor with research
Join Professional Associations
Join a fraternity/sorority, student club or organization: become an officer; chair a committee
Take computer classes such as MIS 276 and 376

Knowledge in statistical analysis
Knowledge of instrument analysis and wet chemical methods
Knowledge of GMP/GLP
Hazardous Waste training
Understanding of chemistry, chemicals and their formulae, to DOT classifications
Knowledge of State and Federal regulations regarding the management of hazardous waste
Teaching License
Ability to perform instrument calibration, testing and maintenance

Take a Leadership class Counseling 315
Attend computer workshops
Summer jobs, Co-ops, and Internships
Get HAZMAT certification
Volunteer in the office of Environmental Safety
Plan to attend graduate school

Employers Who Have Hired ISU Chemistry and/or Physics Majors

Employer	Location
Eli Lilly and Co.	Clinton, IN; Indianapolis, IN
Reilly Industries, Inc.	Indianapolis, IN
Kelly Scientific	Indianapolis, IN
Egyptian Lacquer	Cincinnati, OH
National Starch and Chemical Company	Bridgewater, NJ
Wabash Products	Terre Haute, IN
Vincennes University (instructor)	Vincennes, IN
Environmental Certification Lab	Farmersburg, IN
Occupational Health and Hygiene	Chicago, IL
Martin-Marietta Corp.	Piketon, OH
CCL Custom Manufacturing	Danville, IL
Hydrite Chemical Co.	Terre Haute, IN
Valley Environmental Testing Corp.	Terre Haute, IN
DNP International Co.	Terre Haute, IN
Indiana Refining	Lawrenceville, IL
Bedford-North Lawrence School Corp.	Bedford, IN

A Sampling of Web Sites for Chemistry and Physics Majors

Physics

<http://physics.indstate.edu/> - ISU Department of Physics
<http://physicsworld.com/cws/home> - Physics World
<http://tiptop.iop.org/> - Jobs in Physics
<http://www.aps.org/careers/> - American Physical Society
<http://www.physicstoday.org/jobs/> - American Institute of Physics
<http://www.physlink.com/Community/JobBoard.cfm> - PhysLink

Chemistry

<http://www.indstate.edu/chem/> - ISU Department of Chemistry
<http://sciencecareers.sciencemag.org/> - biology jobs, chemistry jobs, biochemistry jobs, biotechnology jobs, and a range of related science jobs
<http://www.acs.org/> - American Chemical Society
<http://www.chemind.org> - Chemistry and Industry Magazine Online: chemistry jobs
<http://www.chemistryjobcenter.com/> - Lybrook Associates, Inc.: Recruiting Chemistry
<http://www.chemistryjobs.com/> - Chemistry Jobs
<http://www.chemjobs.net/> - job vacancy site for chemists, biochemists, pharmaceutical scientists and chemical engineers
<http://www.chemsoc.org/> - Royal Society of Chemistry: careers & job centre
<http://www.chemweb.com> - free membership site includes jobs exchange
<http://www.nationjob.com/ag> - Agriculture Biotech Chemical Jobs Page

Check the major job web sites, such as <http://HotJobs.Yahoo.com> and <http://www.Monster.com> for job openings.

You may also wish to visit the Chemistry and/or Physics department web sites of various colleges and universities for a variety of information.