



Neuroscience

Medicine and Healthcare

Psychiatry

Neurodiagnostic technology

Dentistry

Pharmacy

Physician assistant

Veterinary medicine

Medicine and Healthcare Employers

Hospitals

Government:

- National Institutes of Health
- Centers for Disease Control and Prevention
- Food and Drug Administration
- Armed Services

Group or private practice

Health clinics

Health networks

Nursing homes

Rehabilitation centers

Mental health institutions

Correctional facilities

Colleges or universities

Medical schools

Medicine and Healthcare Strategies

Meet with a pre-health advisor periodically to discuss curricular decisions.

Maintain a high grade point average, particularly in the sciences, to improve chances of admission to graduate or professional school.

Secure strong faculty recommendations.

Seek experience in health care settings through volunteer positions, research positions or internships to test interests and increase marketability.

Participate in service-oriented organizations, medical missions, remote healthcare clinics and professional societies in your target field.

Research accredited institutions. Check graduation rates, success rates on licensing exams, cost, location, etc. If possible, speak with current students.

Psychology

Neuropsychology

Clinical

Experimental

Healthcare

Psychology Employers

Hospitals

Government:

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Psychology Strategies

Graduate programs in clinical psychology should be accredited by the American Psychological Association (APA).

Graduate programs in counseling should be accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Research certifications through the American Academy of Clinical Neuropsychology and the American Board of Professional Neuropsychology.

Research and Development

Public health research

Global data collection and/or health reporting

Grants specialist, administrator, reviewer

Discovery specialist (coordinate academic and biotechnology research to cure a specific disease)

Research and Development Employers

Government:

- Centers for Disease Control
- National Institutes of Health
- National Science Foundation
- USAID

Public Health Organizations (state, local, international):

- World Health Organization
- Oxfam America
- Doctors Without Borders
- United Nations

Research Foundations

University Science Centers

Research and Development Strategies

Develop a solid background in statistics, mathematics and the software utilized for statistical analyses.

Gain experience with research. Volunteer to assist professors with research or apply for summer programs and internships.

Develop strong communication skills, knowledge of funding sources, grant writing techniques and submission procedures.

Considering earning a graduate degree in clinical psychology, experimental psychology or statistics.

Law

Public Policy

Consultant

**Lobbying/Government
Relations/Public Policy
Elected official**

Law Employers

Corporations (e.g., biotechnology)

Trade and professional associations

Political action committees

Law firms

Public interest advocacy groups

Legal aid societies

Government:

- **Congress**
- **Center for Disease Control**
- **Food and Drug Administration**
- **National Institute of Health**

Law Strategies

Develop strong research and writing skills.

Enhance communication skills through public speaking courses, debate team or Toast Masters (a public speaking organization).

Maintain current knowledge of industry trends, laws and policies specific to area of interest.

Acquire internships in federal or state government.

Utilize applicable websites and seek assistance from your college career center.

Take courses in history, political science and/or legal studies to supplement science curriculum.

To pursue a J.D., participate in mock trial and pre-law associations, and learn law school admissions process.

Media and Design

Scientific journalism, editing, blogging

Graphic design (e.g., scientific education materials)

Web design (e.g., scientific education materials)

Medical illustration

Science consulting (e.g., how the brain develops/perceives spaces, color, texture, emotion)

Media and Design Employers

Science/Education:

- **Journals**
- **Publishing companies**
- **Educational textbooks**
- **Blogs**
- **Websites**

Industry:

- **Architecture**
- **Toy design**
- **Film**
- **Media**

Media and Design Strategies

Pursue courses in medical illustration or medical, neurological, biological or ophthalmic photography, depending on your goal.

Develop strong writing skills and a portfolio of published works.

Take advanced courses in technical writing or journalism classes or consider a minor in either.

Join professional associations like the National Association of Science Writers or the Public Relations Student Society of America.

Seek related volunteer or paid experiences with student/local publications or blogs to increase marketability.

Consider earning an advanced degree in a communications field to specialize in scientific journalism.

General Neuroscience Information

Neuroscience is a growing field of study. An undergraduate degree can prepare students to enter several graduate and professional programs in neuroscience, psychology, medicine and healthcare.

Some neuroscience specialties:

- **Neurotechnology** – combining engineering and technology with neuroscience including how to improve and repair brain function
- **Neuroprosthetics** – the interface between man and machine
- **Neuroethics** – the social, legal, and ethical consequences of advances in brain research
- **Neuroeconomics** – risk-taking and decision-making that influence business and the economy
- **Neuroaesthetics** – creativity and the brain

Seek laboratory experiences such as research projects, volunteering with professors, or internships related to your career concentration.

Participate in research programs sponsored by organizations like the National Science Foundation and the National Institutes of Health. Seek guidance from career center staff for assistance for government internship and full-time employment searches.

Earn a Ph.D. to direct to direct research projects, to enter high levels of administration, practice clinical psychology, and to teach at four-year post-secondary institutions. Postdoctoral fellowships may also be required. Earn a master's degree in counseling to pursue licensure.

Meet with a pre-health advisor periodically to discuss curricular decisions if planning to pursue graduate and professional programs in healthcare.