

PSYCHOBIOLOGY

What is Psychobiology? (from <http://www.albright.edu/catalog/psych.html>)

The bachelor of science in psychobiology is intended for students with an interest in organismic biology and natural science approaches to psychology. The major is ideal for developing an appreciation for the emerging fields of neuroscience and health psychology. Individuals arrange courses to satisfy their particular interests and prepare for advanced study in psychology, psychobiology, biology, behavioral ecology, veterinary medicine, the health professions (medicine, dentistry, physical therapy, occupational therapy, optometry) or employment in varied areas, including pharmaceutical research or sales and allied health professions.

Related Career Titles of Albright Alumni (Some may require education beyond bachelor's degree)

Assistant Professor	Assistant Psychologist	Behavioral Therapist
Clinical Care Coordinator	Clinical Data Reviewer	Clinical Neuropsychologist
Clinical Psychologist	Clinical Research Associate	Family Physician
Medical Research Specialist	Neuropsychologist	Occupational Therapist
Pharmaceutical Sales Rep.	Physical Therapist	Psychiatric Assistant
Psychiatrist	Psychologist	Quality Control Analyst
Research Coordinator	Research Scientist	Therapeutic Counselor

Biology Related Career Titles (Some may require education beyond bachelor's degree)

Agronomist	Environmental Engineer	Marine Engineering Tech
Animal Scientist	Environmental Health	Marine Fisheries/Worker
Aquaculture Farmer	Environmental Protection	Marine Geologist
Aqua culturist	Ergonomist	Marine Sales
Aquarium & Museum	Fish Hatchery Tech	Marine Tourist Worker
Aquarium Technician	Fisheries Conservation	Market Research Analyst
Aquatic Biologist	Florist	Medical Illustrator
Barrier Beach Mgr	Food Scientist-Tech	Medical Laboratory Tech
Bio-Engineer	Forester	Medical Librarian
Bio-Technologist	Genetic Eng. Research	Medical Technologist
Biochemist	Geographer	Meteorologist
Biometrician	Health Officer	Microbiologist
Boat Builder & Repair	Horticulturist	Molecular Biologist

Botanist	Hospital Administrator	Mortician
Chem. Oceanographer	Hydrographic Surveyor	Museum/Aquarium Admin.
Chiropractor	Industrial Hygienist	Mycologist
Coastal Resources Mgr.	Industrial Marine Econ.	Naval Architect
Commercial Fish. Eng.	Limnological Technician	Net Designer
Coroner	Marine-Coastal Consult	Neurobiologist
Dentist	Marine Bacteriologist	Oceanographer
Dietitian & Nutritionist	Marine Biologist	Paramedic
Ecologist	Marine Ecologist	Parasitologist
Pharmacy Technician	Physical Therapist	Pharmaceutical Sales
Science Lab Tech.	Public Health Worker	Physician
Zoologist	Science Teacher	Salt Marsh Manager
Wildlife Resources Mgr.	State Parks & Recreation	Science Writer
Technical Writer	Test-Inspection Tech.	Soil Conservationist
Underwater Technician	Veterinarian	Systems Analyst
Geophysicist/Physicist	Wildlife Biologist	Toxicologist
Water Quality Technician	Film Maker	Science Illustrator

Psychology Related Career Titles (Some may require education beyond bachelor's degree)

Activity Leader	Crisis Intervention Counselor	International Student Advisor
Admissions Counselor	Customer Service Rep.	Job Developer
Advertising Assistant	Customs/Immigration Officer	Junior Market Analyst
Employment Agency Counselor	Labor Relations Specialist	Community and Social Service Worker
Market Research Analyst	Case Worker	Marketing/Sales Manager
Community Relations Rep.	Hospice Coordinator	Market Research Analyst
Human Resources	Mental Health Coordinator	Correctional Caseworker
Personnel Interviewer	Recreation Specialist	Probation Officer
Teacher	Sales Representative	Professional Employment Recruiter
Crisis Intervention Counselor	Art Therapist	Counselor - School
Child Psychologist	Counselor - Vocational	College Student Affairs
Counselor - Alcohol/Drug	Counselor - Career	Music Therapist
Psychiatrist	Occupational Therapist	Financial Advisor
Psychologist	Health Educator	Counselor – Guidance
Social Service Professional	Youth Corrections Officer	Medical Technologist

How do you get ready?

- A bachelor's degree in Biology will qualify one for work as a laboratory assistant, technician, technologist or research assistant in education, industry, government, museums, parks and gardens.
- An undergraduate biology degree can also be used for nontechnical work in writing, illustration, sales, photography and legislation.
- Master's degrees in the sciences or psychology will allow for more opportunities. Some community colleges will hire master's level teachers.
- Doctoral degrees are necessary for advanced research and administrative positions, university teaching and independent research.
- An advanced degree provides the opportunity to specialize in fields of interest.
- The biological sciences are good preparation for a career in healthcare, such as medicine, dentistry and veterinary science, but professional degrees and licenses are also necessary to practice in these fields.
- Obtain summer, part-time, volunteer, co-op, or internship experience to test the fields of interest and gain valuable experience. Take independent research classes if possible.
- Participate in summer research institutes. Submit research to local poster competitions or research symposiums.
- Develop strong analytical, computer, mathematics and communications skills.
- Join professional associations and community organizations to stay abreast of current issues in the field and to develop networking contacts.
- Maintain a high grade point average to improve chances of graduate and professional school admission.
- Become familiar with the specific entrance exam for graduate or professional schools in your area of interest.
- Secure strong relationships and personal recommendations from professors and/or employers.

Related Major Skills

Knowledge of human development & behavior	Problem Solving
Able to observe, analyze, & interpret Information	Decision making
Concern for and sensitivity to others	Interviewing techniques
Critical and inferential thinking	Good listener
Insight to deal effectively with people	Able to promote healthy relationships
Ability to resolve or mediate conflicts	Understanding of group dynamics
Operate scientific equipment	Independent worker
Information handling & organization	Curiosity and creativity
Biology theory & practical knowledge	Statistical awareness
Oral & written communication	Numerical computation
Analytical & quantitative abilities	Innovative talents

Problem solving	Technical skills
Teamwork	

What about the future?

For specific job outlook information, refer to www.bls.gov/ooh

“Overall employment of psychologists is projected to grow 12 percent from 2012 to 2022, about as fast as the average for all occupations. Employment growth will vary by specialty.”

Available at Albright College Career Development Center’s Resource Library

- Careers for Caring People and Other Sensitive Types, by Adrian A. Paradis
- Careers for Scholars and Other Deep Thinkers, by Blythe Camenson
- Careers for Scientific Types and Others with Inquiring Minds, by Jan Goldberg
- Great Jobs for Biology Majors, by Blythe Camenson
- Great Jobs for Psychology Majors, by Julie DeGalan & Stephen Lambert
- Opportunities in Biological Sciences Careers, by Charles A. Winter
- Opportunities in Biotechnology Careers, by Sheldon S. Brown
- Opportunities in Counseling & Development Careers, by Neale Baxter and Philip A. Perry
- Opportunities in Environmental Careers, by Odom Fanning
- Opportunities in Gerontology & Aging Services Careers, by Ellen Williams
- Opportunities in Health & Medical Careers, by I. Donald Snook, & Leo D’Orazio
- Opportunities in Mental Health Careers, by Philip A. Perry
- Opportunities in Occupational Therapy Careers, by Zona R. Weeks
- Opportunities in Physical Therapy Careers, by Bernice R. Krumhansl
- Opportunities in Physician Careers, by Jan Sugar-Webb
- Opportunities in Physician Assistant Careers, by Terence J. Sacks
- Opportunities in Psychology Careers, by Charles M. Super and Donald E. Super
- Opportunities in Research and Development Careers, by Jan Goldberg
- Opportunities in Teaching Careers, by Janet Fine
- Opportunities in Veterinary Medicine Careers, by Robert E. Swope

Disclaimer

Links to Internet sites are provided for your convenience and do not constitute an endorsement by Albright College or the Experiential Learning and Career Development Center.

Job and Internship Links

- Medzilla <http://www.medzilla.com/>
- Naturejobs <http://naturejobs.nature.com/js.php>
- Tiny Tech Jobs <http://www.tinytechjobs.com>
- The American Academy of Forensic Sciences <http://www.aafs.org>

- The Scientist <http://careers.the-scientist.com>
- Pre-Med Internship Opportunities <http://people.rit.edu/gtfsbi/Symp/premed.htm>
- Careers with the Agricultural Research Service <http://www.ars.usda.gov/careers>
- Life Sciences World <http://www.lifesciencesworld.com/>
- BioSpace <http://www.biospace.com>
- BIOTECH Career Center <http://www.biotechcareercenter.com/index.html>
- Maritime Employment Opportunities <http://www.maritimeemployment.com>
- National Institute of Health <http://www.nih.gov>; For internships go to <http://www.training.nih.gov>
- American Psychological Association, <http://www.psyccareers.com/>
- Association of Psychological Science, <http://www.psychologicalscience.org/jobs/>
- Association of Psychology Postdoctoral and Internship Centers, <http://www.appic.org/>
- Charity Navigator, <http://www.charitynavigator.org/index.cfm/bay/search.advanced.htm>
- Chronicle of Philanthropy, <http://www.philanthropy.com/>
- Human Services Career Network, <http://www.hscareers.com/>
- Idealist, <http://www.idealists.org/>
- Nonprofit Times Jobs, <http://www.nptjobs.com/>
- Opportunity Knocks, <http://www.opportunityknocks.org/>
- PeaceCorps, <http://www.peacecorps.gov/>
- AmeriCorps, <http://www.americorps.gov>
- Social Psychology Network, <http://www.socialpsychology.org/forums/jobforum/>
- Social Service.com, <http://www.socialservice.com/>
- Society for I/O Psychology, <http://www.siop.org/JobNet/>
- US Department of Housing & Urban Development, <http://www.hud.gov/jobs/index.cfm>

Career Planning Links

- Medical/Health Exploration <http://www.nlm.nih.gov/services/medicaled.html#general>
- Encyclopedia of Psychology, <http://www.psychology.org/links/Career/>
- Eye on Psi Chi, <http://www.psichi.org/pubs/eye>
- Non-Academic Careers in Psychology, <http://www.apa.org/careers/resources/profiles/index.aspx>
- Social Psychology Network <http://www.socialpsychology.org>

Professional Associations Links

- The American Society for Cell Biology <http://www.ascb.org>
- American Association of Zoo Keepers <http://www.aazk.org>
- American Aquarium and Zoo Association <http://aza.org/>
- The American Institute of Biological Sciences <http://www.aibs.org>
- International Biometric Society <http://www.biometricsociety.org/>
- The Company of Biologists Limited <http://www.biologists.com/>
- US Geological Survey <http://www.usgs.gov/>
- American Counseling Association, <http://www.counseling.org/>

- American Psychological Association, <http://www.apa.org>
- APA of Graduate Students, <http://www.apa.org/apags>
- National Association of Social Workers, <http://www.naswdc.org/>
- American Occupational Therapy Association <http://www.aota.org>
- American Physical Therapy Association <http://www.apta.org>
- Association for Applied Sports Psychology <http://www.appliedsportpsych.org/>