

DO YOU....

Love studying the brain for the sake of understanding the brain or spinal cord?



Congrats! You want to be a **Neuroscientist**

Love studying the brain for the sake of understanding behavior?

Want the ability to get *into* the brain at molecular, cellular & system levels (thus using animal models)?

OR

Want the ability to get at the *human* brain (thus noninvasive system level only)



Congrats! You want to be a **Cognitive Neuroscientist**

Want the ability to get at the *human* brain to treat disorders



Congrats! You want to be a **Neuropsychologist**

Love studying behavior for the sake of understanding behavior?



Congrats! You want to be a **Psychologist**

Love studying behavior for the sake of solving behavioral problems?



Congrats! You want to be an **Applied Psychologist** (includes clinical, forensic etc.)

Some major areas of Specialization

Neuroscience

Cellular
Molecular
Systems

M.A. or Ph.D
Neuroscience

Behavioral Neuroscience

Cognition
Internal Regulation
(temperature/thirst)
Health
Movement
Reproduction
Wake & Sleep

M.A. or Ph.D
Neuroscience,
Behavioral Neuro, or
BioPsychology

Cognitive Neuroscience

Attention
Learning/Memory
Language
Emotions
Perception
Movement
Logic &
Decision Making

M.A. or Ph.D
Cognitive
Neuroscience

Neuropsychology

Alzheimer's
Attention/Learning
Disorders
Autism
Epilepsy
Motor diseases
Traumatic
brain injury

M.A., Ph.D or Psy.D
Neuropsychology
(or specialization of
Clinical Psychology)

Psychology

Cognitive
Developmental
Engineering
Health
Social/Personality

M.A or Ph.D
Psychology,
Experimental Psych
or Specialization

Applied Psychology

Clinical
Counseling
Community
Educational
Forensic
Industrial-
Organizational

M.A., Ph.D or Psy.D
Applied Psych or
Specialization

- ❖ This is not an all-inclusive list. These are some of the most common categories and educational pathways to use as internet search terms. For example, a Cognitive Neuroscientist can earn a PhD in Neuroscience (neuro coursework) while performing research in a Cognitive Neuroscience lab.
- ❖ Also, there is much overlap! Working with traumatic brain injury may involve behavioral, cognitive and/or psychology subtopics. Developmental psych may involve cognition and social.

What can I do with Psychology-related degree

- <https://www.apa.org/education-career/guide/paths>
- <https://www.verywellmind.com/what-can-i-do-with-a-masters-degree-in-psychology-2795629>
- <https://www.bestpsychologydegrees.com/25-most-lucrative-careers-in-psychology/>

What can I do with Neuroscience-related degree

- <https://neurosciencemajor.osu.edu/careers-neuroscience>
- <https://pni.princeton.edu/undergraduate-concentration/careers-neuroscience>
- <https://work.chron.com/can-masters-degree-neuroscience-4161.html>