



CAREER PATH

DATA ANALYST, DATA SCIENTIST & MARKETING RESEARCH

Using the Psychology Major to prepare for careers in data & research.

WHY PSYCH?

What is the benefit of the Psychology Major?

The psychology major at Tennessee State University provides students with a solid foundation in a range of skills important for professional success in a variety of settings.

These include: research and data analysis, critical thinking, oral communication, writing, and an introduction to the basic principles that underlie human behavior.

The psychology major also provides students with the opportunity to apply for graduate school in psychology, while still preparing them for a variety of rewarding careers with their bachelor's degree.



PSYCHOLOGY ELECTIVES

PSYC 4210 Sensation & Perception

PSYC 3510 Principles of Learning

PSYC 4130 Human Learning & Cognitive Processes

PSYC 3510 Developmental Psychology

PSYC 3410 Social Psychology

PSYC 4370 Field Placement

Internship in Psychology

CAREER PREP COURSES

COMP 1210 Introduction to Computing

No Prerequisite listed.

COMP 3000 Computer Programming for Non-CS Majors

No Prerequisite listed.

BISI 3500 Data Mining

No Prerequisite listed.

BISI 3610 Introduction to Relational Databases

No Prerequisite listed.

MKTG 3010 Basic Marketing Research

Prerequisite: ECON 2020 (Cont.)

POTENTIAL INTERNSHIPS/EMPLOYERS

Healthcare Centers of America (HCA)

Information Technology & Services

<https://hcahealthcare.com/careers/career-areas/corporate/it.dot>

Amazon.com

<https://www.amazon.jobs/>

eBay

<https://careers.ebayinc.com/oin-our-team/start-your-search/>

IBM

<https://careers.ibm.com/>

CAREER PREP COURSES CONT.

MKTG 3300 Applied Marketing Research

Prerequisite: MKTG 3010

MKTG 460 Contemporary Topics in Marketing

Prerequisite: MKTG 3010

ENGR 4400 Probability and Statistics

No prerequisite listed.

HLSC 4010 Introduction to Biostatistics

Prerequisites: ART 2510, 3110

SOCI 3000 Social Statistics

Prerequisites: MATH 1013 or
1110

COMM 3550 Producing Digital Media

No listed prerequisites.

ENGL Research Writing

ENGL 1010 and ENGL 1020

COMM 2300 Business and Professional Speech Communication

No listed prerequisites.



CAREERS TO CONSIDER



If you enjoy the statistics courses required for your BS in Psychology, you may consider a career in the rapidly growing field of **data science**. Careers include: Data Scientist, Data Engineer, Statistician, Data Analyst, and Research Analyst.

Depending on the direction you want to go in, consider a **minor in Computer Science or Mathematical Sciences**. Coursework in these areas along with your Psychology Major should position you well for a variety of careers.

Check out the following websites for more information:

- <https://www.simplilearn.com/career-in-data-science-ultimate-guide-article>
- <https://www.forbes.com/sites/quora/2017/03/10/how-do-i-begin-a-career-in-data-science/#57c28e1d7d00>

MINORS TO CONSIDER

- **Mathematical Sciences Minor**
- **Computer Science Minor**
(http://www.tnstate.edu/computer_science/Minor.pdf)

See the *TSU Undergraduate Catalog* and contact the chair of the department in which the minor is offered, for more information.

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