

B.S. IN PUBLIC HEALTH HEALTH INFORMATICS & DATA SCIENCE CONCENTRATION

Hack Health. Save Lives.

Program Overview

Health Informatics & Data Science

The science of using data and technology to solve real-world health problems and improve patient care and population health outcomes. Now offered as a concentration in the Bachelor of Science in Public Health.

- **Learn** to manage, analyze, interpret, and visualize health data.
- **Develop** the skills to use health information to support informed decision-making.
- **Pursue** opportunities in private and public sectors like healthcare organizations, research institutions, government, and health technology companies.



Visit an HHS Student Success Center Advisor to learn more!

Career Outlook

Graduates are prepared for careers like **Health Information Manager**, **Clinical Data Analyst**, and **Public Health Data Scientist**.

A Growing Field

The field is projected to grow by rapidly over the next decade, adding **tens of thousands of jobs each year**.

15%



Job growth over the next 10 years

High Paying Positions

Average salaries:
\$70K - \$100K

**CSUS.EDU/HHS/
PUBLICHEALTH**

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Why Public Health?

Public Health is science-based, evidence-backed, and dedicated to improving the health of all people and their communities. The field includes a wide variety of agencies, professionals, and programs that work to create the conditions to support health. Public Health aims to prevent injury and illness, protect the health of the public, and promote healthy behaviors, policies, institutions, and infrastructure. These aims are achieved using methods that embody the professional values of harm prevention, health equity, social justice, evidence-based decision making, and community engagement.

What You'll Gain

The Health Informatics and Data Science Concentration (HIDS) prepares graduates to **understand health trends** and translate data into insights that inform policy, research, and health interventions.

Students learn how to **turn raw information into actionable knowledge** through innovative courses like:

- **Advanced Health Data Analysis**
- **Health Data Visualization**
- **Artificial Intelligence in Healthcare**



As healthcare and public health increasingly rely on digital information, **professionals who understand health data are essential.**

This **STEM** concentration is ideal for future-focused students who want to turn a love of tech and data into real-world impact through hands-on experience.

Come learn from a faculty of **experienced experts** with specialized preparation and **real-world knowledge** in the field of public health.

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