

## Health science professions Profesiones de ciencias de la salud

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### Abstract:

Health science is a sector of the health care industry that spans multiple discipline areas. It uses fields such as science, technology, engineering, and communication to support the health and well-being of humans and animals. Due to their diverse makeup, health science jobs can span public, administrative, and clinical settings. Health science jobs typically require degrees that include laboratory science classes and courses in health-related social science fields such as epidemiology, sociology, and psychology. Students can also take classes in health policy or the business of health care.

**Keywords:** Health, science, care, jobs, disciplines.

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### Resumen:

La ciencia de la salud es un sector de la industria del cuidado de la salud que abarca múltiples áreas disciplinarias. Utiliza campos como la ciencia, la tecnología, la ingeniería y la comunicación para apoyar la salud y el bienestar de los seres humanos y los animales. Debido a su composición diversa, los trabajos de ciencias de la salud pueden abarcar entornos públicos, administrativos y clínicos. Los trabajos de ciencias de la salud generalmente requieren títulos que incluyen clases de ciencias de laboratorio y cursos en campos de ciencias sociales relacionados con la salud, como epidemiología, sociología y psicología. Los estudiantes también pueden tomar clases de política de salud o el negocio de la atención médica.

### Palabras Clave:

Salud, ciencia, cuidados, trabajos, disciplinas

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### Introduction

Health Sciences is a field of study linked to the growing development of various disciplines, some of these such as Biology, Chemistry, Physics and Medicine, which assume a leading role by providing concepts, methods and techniques that allow understanding the processes for preserve the health of individuals and society

Within the objectives of Health Sciences is to maintain, restore and improve health, as well as prevent, treat and eradicate diseases. Health Sciences are essential to better understand the vital processes of both human and animal organisms. In general, look for a better and maintain the quality of life.

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### What is the role of Health Sciences?

The objective of Health Sciences is to maintain, restore and improve health, as well as prevent, treat and eradicate diseases. In addition, they are essential to better understand the vital processes of both human and animal organisms. In general, look for a better quality of life.

To give you more detail about the role of Health Sciences, it is divided into four stages:

### Research and study

As it is a science, the main function of Health Sciences is focused on the study of Health. His goal is to better understand how animal organisms, including the human body, work; new discoveries are essential for the

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advancement of disciplines such as Medicine or Pharmacology.

### Disease prevention

Of course, to prevent diseases it is essential to understand how they work and what their causes are. With a greater knowledge about the vital processes, the Health Sciences allow the promotion of the appropriate measures to avoid the appearance of diseases and other pathologies.

### Health improvement

Thanks to all of the above, it also responds to one of the main objectives of Health Sciences, which consists of improving general health. It is not only about preventing and curing diseases, but also about maintaining a good state of health and extending life expectancy.

### Development of treatments

On the other hand, research is important to advance in the field of Health, leading us to the development of new treatments. Advances in Chemistry, for example, are what allow the creation of medicines; the discoveries in Biology and Anatomy allow the devising of new medical procedures; among others.

### Health science jobs

Health science professionals may work in various settings. The most common include:

- Medical laboratories.
- Federal government agencies.
- Private agencies.
- Insurance companies.
- Pharmaceutical companies.
- Consulting companies.
- Manufacturing companies.
- Hospitals.
- Non-profit organizations.
- Outpatient care centers.
- Medical consultants.
- Clinics

The following list reviews 5 diverse jobs found in health sciences, their job responsibilities.

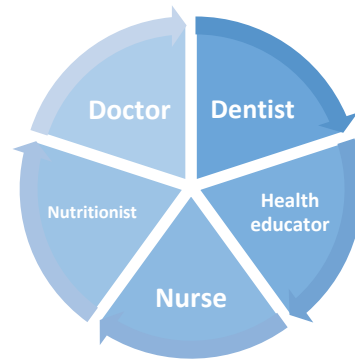


Figure 1. Main professions in health sciences

### Doctor

**Primary Duties:** A physician may specialize in a specific area or gain a generalized area of expertise. Physicians work as part of medical offices or in their own practice.

They diagnose and treat patients for various injuries, illnesses or health conditions. They are responsible for prescribing medications to patients and coordinating with nurses to administer the remedies on site.

This career requires one to complete a bachelor's degree in a human sciences area before entering medical school. After medical school, they may be in the residency stage for three to five years before earning their full credentials.

### Dentist

**Primary Duties:** Dentists are responsible for diagnosing problems with a patient's teeth and gums.

They are also responsible for performing routine procedures such as cavity filling, tooth extraction, and performing root canals on patients to improve their dental health.

A dentist must have a specialty in: dentistry, dental surgery, or dental medicine.

### Nurse

**Primary Duties:** A nurse assists doctors and other medical professionals in treating patients.

They are responsible for communication between patients, their families, and doctors, as well as administering intravenous lines and medications prescribed by doctors.

To enter this profession, you need at a minimum an associate's degree in nursing or a diploma from an accredited nursing program along with a nursing license.

### Health educator

**Primary Duties:** A health educator may work as part of a hospital, school, or nursing facility, teaching the public about the importance of hygiene and how to prevent the spread of disease from themselves to others.

A health educator must have a minimum of a bachelor's degree in health education or public health.

To advance in their field, some health educators earn their master's or doctorate in a specialized area of health education.

### Nutritionist

**Primary Duties:** A nutritionist may work in many different settings, including hospitals, care facilities, clinics, schools, and organizations.

They assess a patient's dietary needs or restrictions and help create a meal plan that will provide the nutrients they need. Nutritionists may also be responsible for creating educational presentations to present in schools and other facilities.

A nutritionist must have at least a bachelor's degree in nutrition. Some advanced nutritionist positions may require a master's degree in nutrition or a related area.

### Conclusions

Health science is a sector of the health care industry that spans multiple discipline areas.

It uses fields such as science, technology, engineering, and communication to support the health and well-being of humans and animals.

Due to their diverse makeup, health science jobs can span public, administrative, and clinical settings.

Health science jobs typically require degrees that include laboratory science classes and courses in health-related social science fields such as epidemiology, sociology, and psychology.

Students can also take classes in health policy or the business of health care.

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