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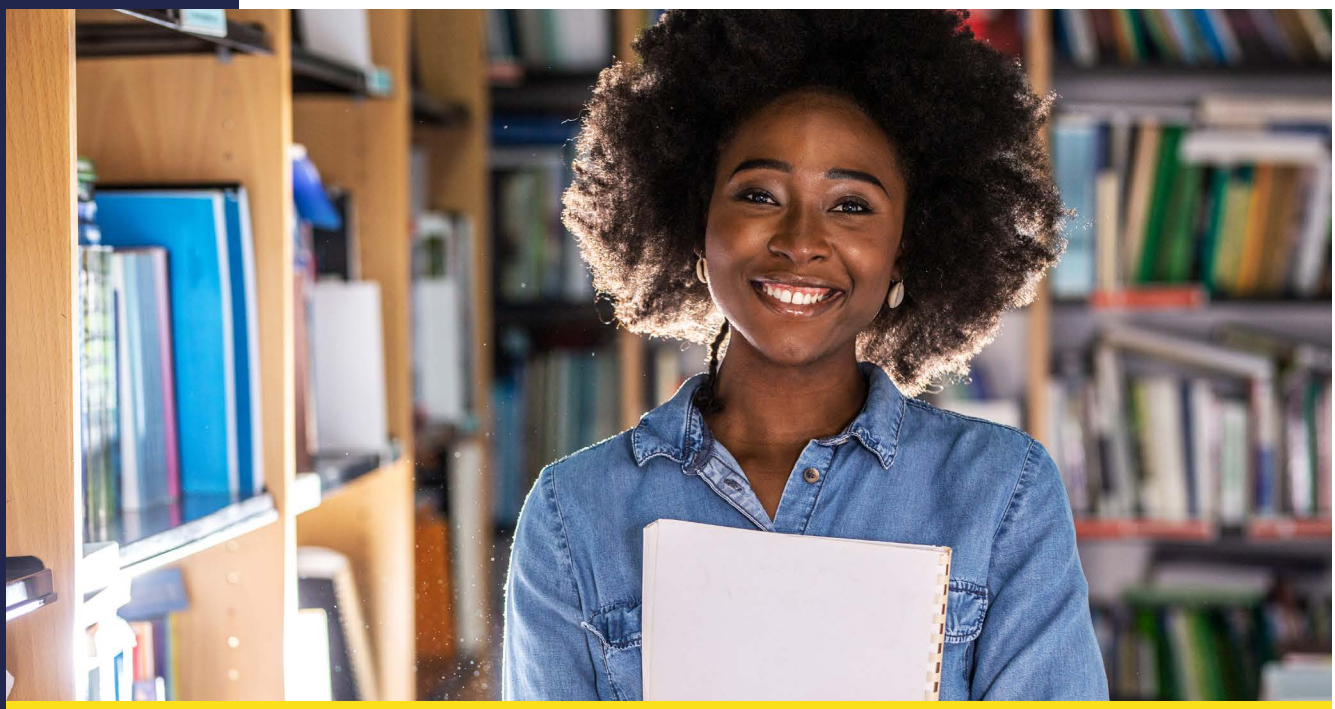

# The Definitive Guide To 21st Century Top Marketable Careers

Craydel is Africa's Largest Higher Education Platform

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# Transforming Careers Guidance in Africa

As your child goes through the high school education system, there are a lot of decisions they need to take. Which subjects to choose in the school? Which courses to apply for in the universities after completing high school?

Having worked with thousands of students across high schools in Africa, we have realized that students and parents are extremely confused about what subjects and university courses to select. Unfortunately, most of these decisions are driven primarily by parental & societal biases, grades, misinformation & a complete lack of understanding of the link between higher education and career outcomes.

As a result of this, 40% of students every year drop out of Universities in the 1st year itself, and 80% of students end up in career paths completely unrelated to what they have studied.

Craydel's science-based Careers & Higher Education Guidance platform, Craydel Premium is revolutionizing the way students in high schools, identify their ideal career paths and use that discovery to get scientific recommendations on their school subjects & university courses.

It's also extremely important for parents & students to explore the world of careers before they commit to their higher education decisions. Most students finish their university degrees with no idea of what careers will beckon them after.

In this first-of-its-kind, well-researched guide for Careers Exploration, you and your child can explore the world of 21st Century Top Marketable careers. I strongly believe that this guide will go a long way in opening their minds to opportunities they might not have explored.

If your child needs help with scientific career guidance, please feel free to reach out to us on 0799 000 444, our expert team of career guidance counselors along with our powerful assessment tools will surely help you and your child make the best possible higher education & career decision.

Yours Sincerely

Manish Sardana
Co-founder & CEO
Craydel

# Architecture and Design

Architecture

Interior Design

# Architecture

## Build an exciting career in architecture with globally marketable courses from top-ranked universities.

What is Architecture? In the words of Julia Morgan, Architecture is a visual art and buildings speak for themselves. The fact that one of the most important architecture courses requirements is to have free and unique thinking itself says a lot about the professional lines it opens.

- Architecture always mirrors the age and cultural context that produced it and architecture degree courses provide you skills to do that.
- A diploma in architecture includes studio work, production of scrupulously detailed drawings, and rigorous practical on-site knowledge along with tutorials and critique lessons.
- Students of architecture courses also attend lectures on history, theory, art and technology focused to provide them with competency in various design programs and hence give them adroitness to work globally.
- Expand your knowledge of architecture, and be able to expand your resume with projects elsewhere with Craydel's study abroad offers.

## Top Marketable Careers for Architecture Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential architecture, commercial architecture or industrial architecture etc. Career options that open their gates for you after you get an online architecture degree or pursue a full time architecture degree course include-

### Urban Designer

Working as an urban designer involves creating, adapting or reviewing plans and designs for urban spaces, mostly concentrated on a single field of expertise. You may be responsible for the development, revitalization or rebuilding of an area, regional planning, town and city planning etc. You will have to address political, environmental as well as cultural and social issues with your design plans.

As an urban designer, you will learn how to perform field investigations, manage or develop government land services, site inspection and critical data analysis and to recommend changes. Entry-level positions into urban designing can be attained after with a bachelor's degree, but most advanced positions require earning a master's degree in urban design and of course, some experience in the field. The average salary of an urban designer is $70K per year.

## Landscape Architect

Landscape architects are maestros behind the creation of city parks , golf courses, office complexes,suburban areas, college campuses, and public spaces. The job roles include landscape designing, developing contract documents and overseeing the construction. A landscape architect works with their client to meet the vision they have for their outdoor space, while adding the touch of their own creativity.

Landscape architects after completing their specialised training or a diploma in architecture, spend much of their time in offices, where they create designs, prepare models, and meet with clients throughout their career. They spend the rest of their time at job sites. The average salary of a landscape architect is $70K per year.

## Architectural Technologist

Architectural technologists provide technical assistance to civil engineers and construction architects in carrying out research; preparing civil drawing, blueprints, mechanical and dimensional designs of architectural models, specifications and contracts. The job profile also includes resolving potential design issues before and during the construction, all from technical aspects.

Surveying the site, selecting the most suitable and feasible material of construction, taking care of legal issues are often included in the role, which needs skills like data analysis, mechanics and competency in CAD like softwares, which are often the part of the curriculum of almost all architecture degree courses. The average salary of an architectural technologist is $90K per year.

## Conservation Architect

Also known as preservation architect and is one of the most exciting fields to work on, your job is to preserve and/or restore old pieces of architecture that have historical value by making repairs and renovations, in order to keep them from decaying. A conservation architect will be expected to travel extensively to job sites around the country and abroad during your career.

The aim of the conservation architect is to restore the cultural and social heritage of the building whilst adding value to it. You literally get the power to bring old buildings to this century. The average salary of a preservation architect is $70K, but it depends on the client you are working for.

## Commercial Architect

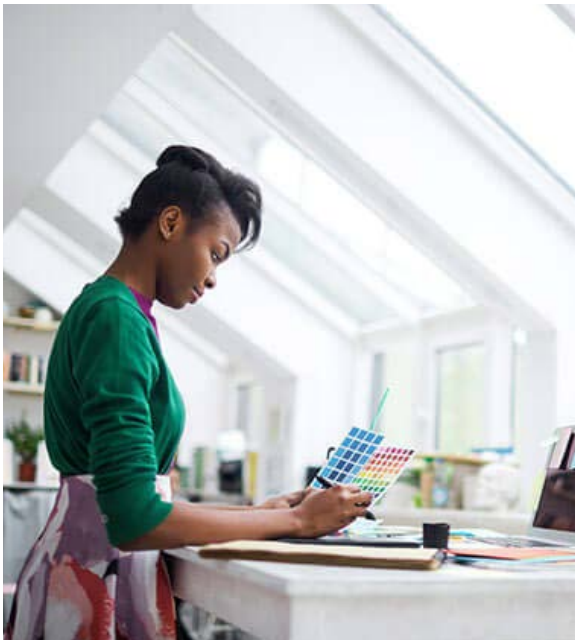
The designing and construction of in non-residential ventures such as retail stores, office complexes, hotels, museums, hospitals, public buildings, government centers etc come under the job description of a commercial architect. They also establish and maintain budgets, schedules, communicate the project's scope and deliverables to clients and manage the project delivery process.

The beauty of being a commercial architect lies in the final product of years of hard work. Commercial buildings are often lavishly built and your clients will tend to have big budgets, giving you room to be more creative. The average salary of a commercial architect is $65K per year.

## Interior Designer

Interior designers often need to pursue interior architecture courses which can be short span courses after you have a diploma or bachelor degree in architecture. Your mission in career is to use light and color to create functional, stylish spaces that meet their clients' aesthetic and organizational needs.

The need of interior designers is rapidly growing over the years as the world is quickly developing and people want a lavish lifestyle. The job comes with nurturing your creativity to its fullest along with applying your futuristic, imaginative, and artistic approach aligned with your clients needs. There is definite exposure and you grow as fast as your work is talked about, giving you wings to dive into entrepreneurship. Average salary of an interior designer is $60K per year plus bonuses.



## Need help in deciding the best Bachelors in Architecture or Masters course for yourself?

Check out the list of most popular questions around architecture programs

**What is Architecture?**

Architecture is a discipline that focuses on planning, designing and constructing form, space and ambience like living spaces and building structures, especially habitable ones. Literally speaking, it is the art or science of building.

**What are the subjects needed to study in Architecture?**

Depending on the country and university of choice, the requirements to major in architecture may differ. While some universities need subjects like Physics and Maths (both calculus and statistics), some just need a good GPA in highschool. If you have a diploma or major in English, Art History and Graphical Technology, your application will have a better chance to be selected by a university. Students who want to pursue a degree in Architecture are also encouraged to take the Accountancy, Business and Management strands.

If you are still unsure about your current qualifications meeting the requirements of a university of your choice, Craydel's expert admission counsellors can give you further guidance.

**How many years do you study for a Architecture degree?**

1. MSc/MA in Architecture and Design: **2 years**
2. Bachelor of Interior Design: **4 years**
3. Bachelor of Architecture: **4-5 years**
4. MSc Project Management for Construction: **2 Years**

**What are the best courses for Architecture?**

Bachelor of Architecture and MSc/MA in Architecture and Design are the post popular undergraduate and postgraduate level courses respectively for architecture students.

Bachelor of Architecture has various specializations such as B Arch Interior Design, B Arch Landscape Architecture, and B Arch Building Construction Technology where you can specialise in the final years of your course in career specific subjects like urban planning, building designing and landscape designing.

Students who are interested in creative interior designing either specialise in interior decoration or pursue a masters in interior designing. You can also opt for online architecture courses after you complete your Bachelor of Architecture to add another star on your portfolio.

**What are the different careers in Architecture?**

Architects are often broadly categorised into 6 types, which are Residential Architects, Commercial Architects, Restoration Architects, Landscape Architects, Interior Designers and Green Design Architects.

All architecture jobs will need field visits but as you go up the hierarchy of an architecture firm, your job profile changes to management and decision-making. An architecture project requires architects specialised in different areas including architectural technicians and interior designers and architecture giants like Gensler and Nikken Sekkei hire different architects with good pay. Around 25% of architects in the USA decide to become entrepreneurs with their out-of-box ideas regarding architecture and its improvement.

For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Architecture Graduates" section.

**How can Craydel help me find the best Architecture courses?**

Craydel is on a mission to aid students and professionals from all around the world to start their journey into the world of architects, with our expert, versatile and high quality services, which include-

- career matching assessments to figure out who you are and where you can excel
- help choosing a masters career if you have a diploma in architecture or want to pursue one of the online architecture courses
- assisting you with applications and fee structures and scholarships of the course you are interested in
- helping you understand the architecture degree requirements needed to apply for a university which includes some of the top architecture universities in USA, UK, Canada, Turkey and Ireland

# Interior Design

## Build an exciting and fulfilling career in Interior Design with globally marketable BID and MID courses from top-ranked universities.

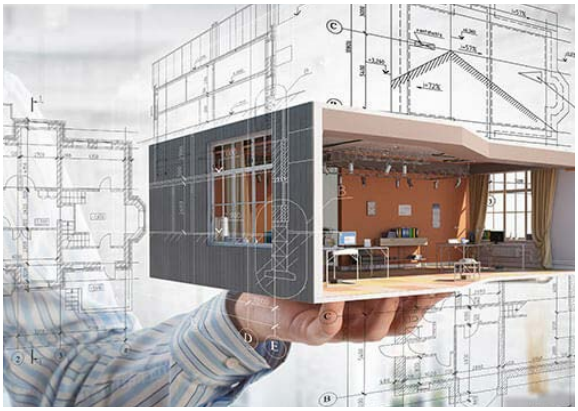
The world of interior design is an interesting one that offers many opportunities for those who are willing to explore the field. With top universities across the globe offering courses in this area, there's sure to be no shortage when it comes time to get into this field of education.

- Interior designers can learn a lot from working with architects and engineers. They can exchange ideas and learn new things from each other.
- With a degree in interior design, you can choose to work as an independent and start your own company.
- As an interior designer, you get to work in different types of industries. You work on various things that are related to the design of a house or building.
- Students of interior design attend lectures on history, theory, and art and learn about technology so that the newly minted professionals have a good understanding of various programs.
- Interior design is about being creative, imagining things in new ways, and making your surroundings better. If you want to do this as a career, consider taking up interior design.
- Nurture your skillset with skills like organisational behaviour and management, budgeting and finance, economic and political processes, and ethics from the management perspective of the BA/MA in public management or public administration.

## Top Marketable Careers for Interior Design Graduates

A degree in interior design will open many doors for you. Careers in this field are rewarding and varied. They include everything from retail store designers to interior hotel decorators and many more. The area is growing, and there are plenty of opportunities to find the right fit. Below, we've listed a few top careers that will allow you to put your skills into practice and enjoy what you do.

### Residential Interior Design



Residential interior designers are responsible for making living spaces visually pleasing, comfortable and functional. In contrast to other career paths in this field which focus on creating an environment that's perfect for you, what sets residential designers apart is their priority livability. They will ensure that every client has their needs met by providing them with exactly what they want, no matter how big or small those requests may be.

Residential designers help to design the inside of houses. Some will only do one room, while others will do all of the rooms in a house or other residential buildings. They choose colours, patterns, flooring for your home and other decorations. Whether you're just set out or have been in the industry for years, there's always room to earn more.

## Corporate Interior Designer

Corporate Designers put their hearts into making every workplace as comfortable as possible by ensuring each client has what they need. With their wide range of skills and experience, corporate designers can be found designing everything from offices in small companies up through those with large headquarters. They work hard to ensure that every workplace is safe and efficient.

The design of your office can have a significant impact on the way you work. If required, corporate designers may also incorporate the organisation's brand or logo into designs. That's why they're so crucial for businesses looking to create an elegant yet functional space.

## Sustainable Interior Design

Sustainable designers have a holistic approach to design by considering aesthetics, function, and sustainability issues like air quality or water impact. They provide environmentally friendly alternatives like cork or bamboo floors that can reduce your carbon footprint while still achieving high-performance standards.

Sustainable interior designers work to minimise both the environmental impact and danger of breathing toxic chemicals, which can cause health issues. In order to be a sustainable interior designer, one usually needs a bachelor's degree. You need classes in drawing, computer-aided design (CAD), and interior design. There are many numerous degrees you can choose from: associates, bachelor, or masters degrees.

## Healthcare Interior Design

Healthcare designers are responsible for designing health-centred buildings that house medical professionals and their patients. They are in charge of ensuring that the environment is safe and comfortable for both patients and staff members alike. They use evidence-based design practices so that they can create a relaxed atmosphere while also adhering to safety codes set forth by professionals within their field of expertise.

Designing a medical office or hospital space is not an easy task. There are many elements that demand to be taken into consideration, such as function and aesthetics. However, the essential thing you can do in designing these areas? Make them calming. Creating healthcare spaces where patients feel comfortable waiting around before their appointments will make it less stressful for everyone.

## Kitchen and Bath Interior Design

Kitchen and bath designers are the backbone of any home. They make decisions about cabinets for your food preparation areas as well as what type or style you want them to have. These professionals also consider any plumbing and electricity needs before layout planning out the spaces, so that all works together nicely when construction begins.

Some of these professionals install furniture and appliances related to the room themselves, while others outsource labour through contractors. One must need to be knowledgeable about both kitchen and bathroom design and all the latest trends in both industries. By enrolling yourself in the bachelor's degree in this field, you can fulfil all the kitchen and bath interior design requirements.

## Lighting Design

A lighting designer is someone who specialises in the design and installation of lights. If you're interested in working as a lighting designer, you would need to know how different types of lights work and how you can alter the mood of a space by changing the style or colour of light used. You might be responsible for designing custom lighting schemes for specific projects such as building renovations or office remodels.

A successful lighting interior designer must understand electrical schematics, decorative products like light fittings or shades for windows to make their designs come alive. With rapid urbanisation and commercialisation of spaces, it is no wonder that people want to make the best out of available space. Lighting designers offer design and comfort to meet these needs for well-being with creativity at hand.

## Exhibition Interior Design

Exhibition designers are at the heart of any major exhibition or conference. They make all those important decisions about your company's presence on display with them by using their vast knowledge when designing a suitable stand that many people will see throughout these events. Designers work closely with clients; they create designs based on their ideas for how it should look, which often includes using colour schemes familiar from other pieces in the branding portfolio.

Additionally, they may also design historical displays or scenes for museums and heritage centres to commemorate important events or periods within history. Besides, exhibitions tend not only to be about showcasing products but also serve an artistic purpose.

## Interior decorator

This is probably the most obvious career choice for an interior designer graduate. As an interior designer, you would be responsible for designing and decorating spaces inside buildings, such as homes, offices, and hotels. You would need to have excellent creative skills and be able to think outside the box to come up with extraordinary designs that meet the client's needs and budget.

Interior decorators are in high demand, with no formal training needed to get started. However, if you're looking for more employment opportunities or just want a higher-paying job, then consider getting an associate's degree from top universities before pursuing further education. Interior decorators are in high demand, with salaries that vary greatly.

# Need help in deciding the best Bachelors in Interior Design or Masters course for yourself?

Check out the list of most popular questions around Interior Design programs

**What subjects are required to pursue Interior design?**

Art or media subject will be required at O levels. Student's who do not have this can also take a foundation program to bridge the gap. A bachelors degree in the field or equivalent art degree with a 2nd class honours or equivalent will be considered for a postgraduate degree. Art or media subject will be required at O levels. Student's who do not have this can also take a foundation program to bridge the gap. A bachelors degree in the field or equivalent art degree with a 2nd class honours or equivalent will be considered for a postgraduate degree.

**How many years do you study an Interior design degree?**

A bachelors degree in the field will take a minimum of 3 – 5 years on average. Any certificate or diploma programs taken in the field can be considered and student's offered credit transfer options reducing the number of years taken.

A postgraduate degree in the field will take at least 12 – 36 months upon completion.

# Business and Economics

Business Economics Statistics

# Business

## Build an exciting career in business with globally marketable BBA & MBA courses from top-ranked universities.

Looking to become a business leader or a successful entrepreneur? Choose from 900+ business courses from top ranked African and International universities..

- Master the skills like understanding the working of organisations, communications skills, resource management
- Learn interpretation of real-time data and its effects of economic and prevalent fluctuations on business with a business administration degree
- Choose one of finance, marketing, human resources, and international business as your forte from the plethora of colleges and online business courses from all over the world
- Take advice from Craydel on deciding to study abroad, enabling you for global job placements and working with leading business firms

## Top Marketable Careers for Business Course Graduates

From accounting to fashion and sports management, a business management degree can open up doors to a lot of professions and industries. Possible careers based on your interests after a business management course or a business administration course are:

### International Business

International business deals with multinational enterprises (MNEs), their governance, strategies and management, and their role in globalisation and localisation of economic activity. An international business career enables you to travel around the world, interact with high-level clients, and shape organisational outcomes.

Explore a variety of careers with organisations that are engaged in business on a global scale including being an International Marketing Manager, International Product Manager, Business Development Manager, International Supply Chain Manager, Research Analyst or International Brand Manager.

## Entrepreneurship

Prepare to perform development, marketing and management functions associated with owning and operating a business. Learn more about accounting, ethics, economics, finance, marketing, management, and other subjects that come into play in the day-to-day running of a successful business.

Individuals who earn an entrepreneurship degree either go on to start their own business or help run family owned businesses. However an entrepreneurship degree can also come in handy in various career options across the business sector and help in the validation of your business skills, and add to your credibility as every business needs professionals who can foster success and juggle multiple responsibilities


## Business Analytics

A career in business analysis involves conducting market analyses and analysing both product lines and the overall profitability of a business. Business analysts help guide businesses in improving processes, products, services and software through data analysis. This agile task straddles the line between IT and the business to help bridge the gap and improve efficiency. In addition, they develop and monitor data quality metrics and ensure business data and reporting needs are met.

5 in-demand career paths for business analysts include IT business analyst, data analysis scientist, system analyst, business analyst manager, and computer science data analyst

## Human Resource Management

Gain training in labor law and relations, employee recruitment and development processes, management theories, organisational communication, and other subjects that prepare students to manage an organisation's human assets.

Human Resource Managers are usually divided into Generalists who cover all aspects of personnel management, and Specialists who typically have more advanced professional expertise and carry out functions such as Staff Planning, Human Resource Development, Benefits Calculations, Labor and Employee Relations, Risk Assessment and Management.

HR roles with high future demand include Recruiters, Human Resource Generalists, Human Resource Coordinators, Human Resource Directors, Human Resource Partners, Specialist in Talent Acquisition, and Training Managers.

## Finance

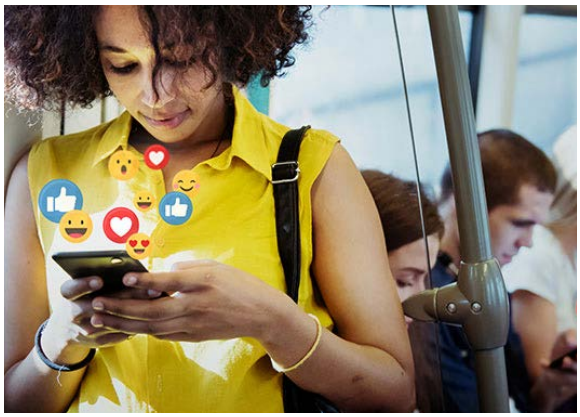
Finance experts learn to analyse financial statements and assess the financial health of businesses, states, and other organisations. They will analyse the financial consequences of organisational and individual decisions and assess the quantitative and qualitative aspects of business issues.

The 3 main branches within the industry include personal financial planning, corporate finance, and government finance. Popular careers in finance in the 21st century include financial analysts, FinTech Product Managers, Information Security Analysts, Tax Consultants, , Accountants, Investment Banking Analysts and Chartered Accountants.

## Marketing

A marketing degree qualifies you for versatile jobs in marketing, advertising, public relations, and sales. As marketing evolves with rising consumer demands for highly personalised customer experiences, top careers include account executives, media planners, marketing managers, copywriters, brand managers, Market Research Analysts or Product Managers.

With a degree in marketing, you can work in almost any industry, in large or small businesses. Wherever you go, your skills may be valuable and in demand.



## Digital Marketing

Digital marketing requires skills in both marketing and technology, and involves the use of the internet, mobile devices, social media, search engines, and other channels to reach consumers.

The field is growing in popularity and top specialisations within the industry include E-commerce marketing, content marketing, SEO, mobile marketing, social media marketing and management of online reputation.

## Economics

For any career related to finance, an economics degree is a good foundation to build on. Learn to apply economic principles and models and gain an understanding of the large driving forces shaping social policy and financial markets, as well as developing skills in statistical analysis.

Jobs directly related to this education pathway include becoming an actuarial analyst, chartered accountant, compliance officer, data analyst, economist, external auditor, financial risk analyst, investment analyst, risk manager, statistician or stockbroker.

## Business Administration

At its core, business administration degree programs focus on many aspects of managing a business — and its people and processes. There aren't many fields of study that are as diverse as business administration - usually covering courses on marketing, statistics, accounting, economics, finance and management. However, many business administration programs offer students the opportunity to choose an area of specialty.

You can work at almost any company as an accountant, auditor, market research analyst, loan officer, logistician, purchasing manager, sales / marketing manager, training specialist..etc. Skills like effective communication, organisational and management techniques, and understanding business models will make you an invaluable asset.

## Need help in deciding the best Bachelors in Business or MBA program for yourself?

Check out the list of most popular questions around business programs

**What is Business?**

Business is any activity or enterprise entered into for profit by trading products or services. It is a blended juice of elements like accountancy, finance, marketing, organizational studies, human resource management, and operations.

**What are the subjects needed to study Business?**

Most schools require mathematics, and subjects like accounting, business administration and statistics are also desirable badges on your portfolio from an application reviewer's perspective.

Want to know if you qualify for your business course or have a university in mind but are not sure whether you can apply? These requirements depend on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for a business degree?**

1. Bachelor of Business Administration(BBA): **3-4 years**
2. Master of Business Administration (MBA): **2 years**
3. MSc in Business Engineering Thesis: **2 years**

**What are the best courses for Business?**

At an undergraduate level, a BBA, Bachelor's in Information Systems Management,, Bachelor's in Marketing and Bachelor's in Supply Chain Management are in demand tickets to the business world.

At a postgraduate level, an MBA is by far the most trending and popular course that graduates around the world prefer to study. Specialisations of MBA like HR, finance and marketing are now trending. Data science majors are also desired by employers and are highly paid.

The fastest growing fields in business are Marketing, Finance, Consulting, Healthcare Management and Environmental Management. However, at the end of the day, the best major in a business course would be the one that you want to have a career in.

**What are the different careers in Business?**

Capable business professionals are in demand across all industries, and these job paths typically offer lucrative wages.

Accounting, Business Intelligence and Management, Business Data Analyst, Finance Manager, Business Administrator and Logistics are more technical careers whereas career paths like HR Specialists, Marketing Managers, Economists, Market Research Analysts, Medical and Health Services Managers are a bit more focused on interpersonal areas of business.

For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Business Graduates" section above.

**How can Craydel help me find the best Business courses?**

Craydel provides you with 400+ best business courses across the world with an option to choose from on campus or from a number of online business courses. Our expert guidance helps you choose the correct and most suitable course for you based on your career plans, budget and various other factors. Choosing a business course follows:

- Your passion in an industry or the field of work, which decided whether you should take a broad or more focused course
- Skills you need for your specific career goal
- Ranking of the university and assessment methods and tuition fitting your quota and giving you the best ROI from the course you are getting yourself into

# Economics

## Build an exciting career in economics with globally marketable courses from top-ranked universities.

Economics, in simple terms, can be defined as a social science stream concerned with the process or system by which goods and services are produced, sold, and bought. Although it is so wide that a single line of definition wouldn't be enough to tell you the depth that economics courses take you through.

- Learn what is buyer's market, taxation, foreign trade, price controls, unemployment and inflation, supply and demand, monetary policy.
- Acquire in-depth knowledge in several areas of economics, as well as a broad perspective on the subject.
- Economic courses produce highly reputed professions and hence are intensively taught in multiple countries of the world.
- Master the skills and topics like exchange rates, interest rates and skills like mathematical aptitude, understanding of complex systems.

## Top Marketable Careers for Economics Graduates

A good diploma in economics or a business economics course from a reputed university paves your entrance into the world of economy with much ease with good job placements. Although, it's up to you how you mold your professional life and in which way. Some of the job roles that deem fit to a person with a degree in economics are:

### Credit Analyst

The role of a credit analyst is to evaluate client credit scores by emanating specific information like earnings history, credit payment history, assets and liabilities to determine their suitability for credit terms. If a company hires a credit analyst, his job will be to check the credit risk of a potential customer of the company. Based on the calculations done by the credit analyst the company will decide on whether or not to provide credit terms to a customer.

Other jobs of a credit analyst is to help the client have better credit planning and reviewing the credit limits of existing clients to verify qualification for an increase in their credit limit. The average salary of a credit analyst is $55K per year.

## Financial Services Sales Agent

As complex as the job profile sounds, the job profile is to act as a middleman between buyers and sellers in the financial marketplace. They are often categorised as financial brokers and financial bankers. From buying and selling stocks for their client to provide financial advice and track investments, all tasks are on the table.

As more people start to invest and be aware of financial planning, careers as securities, commodities, and financial services sales agents can be very lucrative and in demand. The average salary of a Securities, Commodities, and Financial Services Sales Agent is $65K per year.

## Personal finance advisor

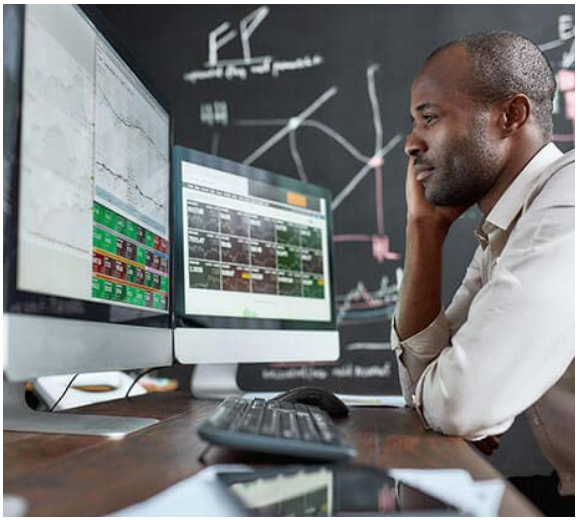
Personal finance advisor or a personal financial consultant is an ever growing job and many economics degree holders choose this as a profession at least once in their work life. They are experts of finances who provide customised services to individuals in order to help them make a financial decision. From taxes and mortgages to stock funds and retirement planning, a financial advisor has core knowledge about all aspects of his client's finance.

Although a bachelor of economics or a BA economics can help you land the role, it is often advised to have a master economics degree to get better job prospects. Personal finance advisor can work freelancing to multiple individual clients or can work as a professional in an investment firm and handle clients of the firm. The average salary of a personal finance advisor is $87K per year.

## Operations Research Analyst

This job profile is trending in this decade as industries start to realise financial issues and corporate faults. The task depends on which industry you work for or what the situation is, but the crux of the role is to understand the operations of the firm, find missing loopholes and faults and provide the firm a plan to fix it.

The role is like a fire fighter job and industries often need an operations research analyst to give their shattered finance structure a meaning, hence the pay is higher than peer profiles. So is the competition. The average salary of an operations research analyst is $87K per year.



## Policy analyst

Policy analysts are responsible for studying national economic trends as it pertains to corporations and government bodies. They gather data from a variety of sources to forecast economic trends and outcomes. The average salary is $66K per year.

## Actuary

A large number of actuaries are hired by insurance companies as they  perform statistical and mathematical analysis to define the financial outcomes of a certain risk. It can be a natural disaster or an over-turn in the election of the country or a change in CEO of an enterprise. There are different types of actuaries, based on the departments they work in from health insurance to corporate risks.

Actuaries work with public or private organizations to do risk analyses and financial forecasting. The job is very demanding as the finance sector continues to be influenced by its environment and the sudden changes that take place. The average salary of an actuary is $111K per year.

# Need help in deciding the best Bachelors in Economics or Masters course for yourself?

Check out the list of most popular questions around economics programs

**What is Economics?**

Literally speaking, economics is the social science that studies the production, finance, distribution, and consumption of goods and services, using them effectively even if they are scarce. An economics course focuses on practical and theoretical science of the production and distribution of wealth.

**What are the subjects needed to study Economics?**

Math, English and one of Physics, Biology or Chemistry subjects are often needed for getting into an economics course in many universities. If you want an edge over your peers who are applying to the same course as you, having economics and statistics is one way to go. History can be an advantage if you're choosing a BA economics course.

If you are applying for Bsc Economics, business studies and accounting statistics are useful. Although, for undergraduate study, you might can apply with an overall high average. For masters, a student with high knowledge in maths and experience in the feild is always preferred.

However, this depends on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for an Economics degree?**

1. BA/Bsc in Economics: **2-3 years**
2. MSc Finance/ Marketing: **1 year**

**What are the best courses for Economics?**

Bsc in Economics is often focused on the technical and mathematical aspects of economics. If you are looking for a role of personal finance advisor, actuary or other finance related jobs which require statistical analysis on a daily basis, a Bsc would be a good choice.

BA courses focus on economic theories, histories, sociological and psychological aspects of economics, suitable for job profiles like economists and policy analysts.

Master courses are mostly focused on a certain specialization like marketing and finance.

You want to choose a course that builds on your past education and fits your career plans. Request a call from experts at Craydel if you're confused while choosing a course**.**

**What are the different careers in Economics?**

If you are looking for field jobs where you get to explore more, Securities, Commodities, Financial Services Sales Agent, Credit Analyst, Business Journalist and Personal Finance Advisor are high paid careers you could be looking at.

Becoming a finance manager, research analyst and going into actuary are not particularly desk jobs, but you will spend most of your time inside your office analysing and managing the financials for your company.

For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Economics Graduates" section above.

**How can Craydel help me find the best Economics courses?**

- The world of economics is just growing bigger and wilder and it's needless to say that there are opportunities for a person having B.A Economics or M.A Economics degree. Craydel aims to provide students and experienced professionals a full guide to pursue a career in economics with a variety of economics courses helping them get a graduate diploma in economics and excel in the career of their choice.

- Apart from providing online economics courses as well as in-campus degrees in economics from the best universities in Europe, USA and Africa, our experts guide you by:

- providing clarity about your goals and how to achieve them

- broadening your perspective regarding your career plan and help you choosing between various online economics degree and universities providing best education in the area of your interest

- suggesting a suitable course and country for study, that is in sync with your budget

# Statistics

## Build an exciting career in Statistics with globally marketable courses from top-ranked universities.

Explore top Statistics courses at leading Institutions globally and access exciting career opportunities in various fields of data science.

- Gain knowledge on how to use correct data collection methods. How to analyze collected data correctly and how to present the data effectively.
- Statistics enables us to make discoveries in science, learn to assess variables of mean, median and mode; standard deviance and variance.
- Empowers one to make decisions based on data and enables understanding of research relating to behavioural and social sciences.
- Allows one to make sound predictions based on data through enumerating and calculating probabilities, distributing and effectively sampling the probabilities.
- Statistics will give the knowledge to apply statistical inference and hypothesis tests in real life.

## Top Marketable Careers for Statistics Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential Statistics, commercial Statistics or industrial Statistics etc. Career options that open their gates for you after you get an online Statistics degree or pursue a full time Statistics degree course include-

### Actuary

Actuaries rely on statistical research and analysis to calculate risks and insurance premiums for their clients. They thoroughly understand and apply principles of probability, calculus and statistics. They also have solid computer skills, communication skills in their day to day work.

Actuaries work across health insurance policies, retirement benefits policies and pension schemes. They develop, analyze and maintain projection models for companies. Using computer software, actuaries generate tables, reports and graphs to report and present their findings on likelihoods of specific outcomes assigned to them. Casualty, property and health are other fields besides insurance where actuaries work.

## Statistician

Statisticians analyze all kinds of data using mathematical techniques and formulas. They calculate information such as trends, averages and reliability for reports. Statisticians may for example study census data to inform governments on service provision and projection of resources based on current lifestyle trends.

Statisticians are also not only proficient in numbers but also in communication and computer skills. They will use their vast computer skills to package the results of their analyses. They will also package clear oral, written and also visual reports of their findings for the comprehensible consumption of the same. They examine data as they apply business solutions to enable organizational solutions to challenges ultimately enhancing business decisions.

## Economist

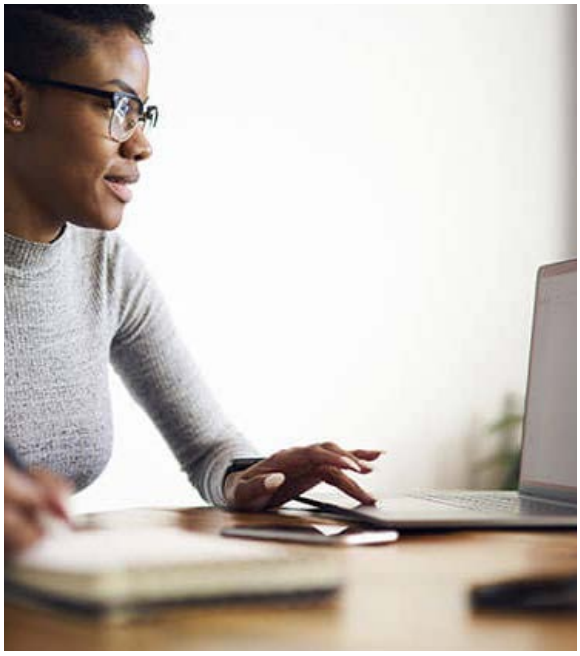
Economists diagnose issues touching on the distribution and production of resources, goods and services in an industry. They focus on researching market trends, data collection and applying statistical models to inform decisions. They work for government agencies and business agencies offering solutions for economic challenges.

Economists require strong decision making and critical thinking skills to work in fast-paced corporations and environments. They will work on financial, political and socioeconomic data. They will conduct surveys and apply varied sampling techniques. They will make use of past gathered data. The economist will research in fields not limited to education, politics, energy, healthcare etc. They will give their organizations a competitive edge as they advise on economic practice.

## Accountant

Accountants will apply logic and math to help individuals, companies, nonprofit organizations, community organizations etc. manage their finances for optimum financial gain. To achieve this, they will reconcile and review financial statements, tabulate complex and simple money related data to then advise on how to increase revenue, reduce operational costs to make a profit.

Accountants will be the financial spine for an organization handling the daily transactions. Therefore, they will have fluency in numbers and a numerical systematic approach to every business deal. Accountants will advise companies on tax returns and procedures. The company's financial health is in the hands of the accountant.



## Operations Research Analyst

An Operations Research Analyst will combine big data mining, statistical analysis, optimization and applied mathematical modelling to achieve this compelling career. They will work in businesses as well as other sectors solving high-level business challenges using advanced techniques. They will assess the most practical way to allocate scarce business resources yet ensure profitable turnover. They will help their clients to achieve seamless profitable business processes.

Operation research analysts will set aside a business challenge while beginning a project, they will research on the problem and eventually develop a solution model that fixes the problem. They will work with team leaders in making business decisions based on solutions offered from their research.

## Stock Trader

Stock traders use very well done technical analyses to capitalize and identify future market trends. Stock traders spend every day of their careers dealing with numbers, probabilities and figures, theirs is a fast-paced, dynamic career pathway marked with highs and lows. They will research and calculate vantage timings and best prices at which to trade stocks, sell and buy shares and bonds as well as other financial assets. Stock traders will require statistics majors to be able to manoeuvre this intricate world of data and figures in the real-time market. Their clients will mainly be brokerage firms, investment companies, retirement funds and financial institutions

## Market Research Analyst

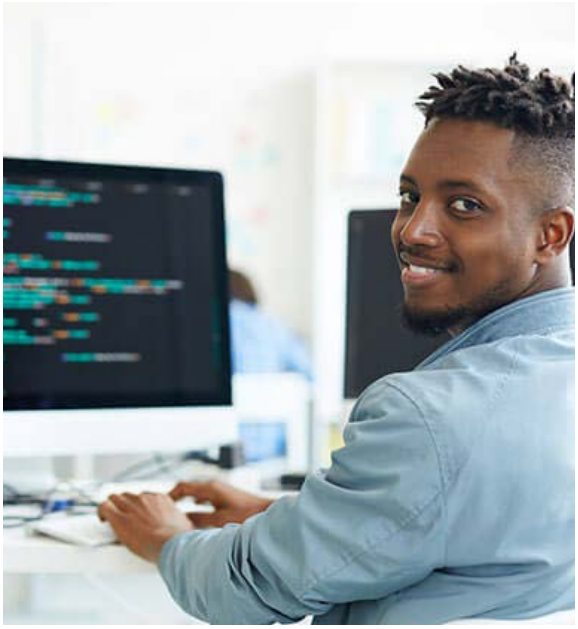
A market research analyst conducts product-market research and packages it into information which in turn empowers a business to understand its customers. Analyzing customer data is a mainstay of the market research analyst. They will apply organized and clearly structured effort in their customer assessment.

Market research analysts will keep businesses competitive by understanding customer needs and availability and fulfilling them accurately. They will conduct targeted and specific surveys for precision. These can be implemented face to face, through the internet or by making calls to customers. The findings gathered will then be analyzed and applied to the business model for success in business.

## Software Engineer

Software engineers and developers come up with computer applications, network systems and computer software. They gather data and analyze the requirements of their users as a lead up to the development and testing of their products. They will use models and application maps which they will create to test and develop their programs. They will design, develop. test and implement the final product after evaluation.

Software engineers will recommend system upgrades and continuous software maintenance schedules. They will develop elements of software that will ensure the efficiency of the whole software. They will collaborate with information technology project managers, computer programmers and managers of information systems.



## Data Scientist

Data scientists scrutinize figures and statistics looking for insights and conclusions as they seek solutions that will offer their clients opportunities with the highest potential. They will use their statistics skills to set up sets of data, identify variables, build models and trace patterns and trends. They will also use their communication skills to pass on the findings through reports and presentations to relevant audiences.

Data scientists will communicate on how to use analytical data to influence business decisions that may mean; changes in business operations, product improvement or process improvement, creation of new products or services. These are decisions that will leverage a business to desired profitable levels.

## Need help in deciding the best Bachelors in Statistics or Masters course for yourself?

Check out the list of most popular questions around statistics programs

**What is statistics?**

Statistics is the art of collecting, analyzing and interpreting data. It also involves effective communication and presentation of results from the data collected.

**What are the subjects needed to pursue Statistics?**

The main subject required for the course is Mathematics. English qualification at Secondary level will also be necessary.

**How many years do you study for a statistics degree?**

The program will take at least 3 to 4 years on average, depending on the curriculum the student has taken. In an event a student would be interested in an optional placement opportunity to gain relevant working experience, then the program can take up to 5 years maximum.

Postgraduate degree programs in the field will take 12 to 24 months.

# Earth, Environment and Sustainability

Agriculture

Archeology

Geography

Geology

Environmental Studies & Forestry

# Agriculture

## Build an exciting career in Agriculture with globally marketable courses from top-ranked universities.

Explore high-disciplinary agriculture courses by studying biology, natural environments, agricultural production, business management, bio-based economies, global food systems, etc and understand the complex theories related to aquaculture, horticulture, and more technical aspects of the agriculture sector as a whole. Build a strong foundation in agricultural science with the right combination of practicals, lectures, tutorials, and laboratory sessions knowledge behind the agricultural industry.

- Gain a wide range of technical skills related to crop farming, animal care, sustainable practices, and more.
- Understand the deep-rooted agricultural concepts, methods, scientific studies, and commercial principles.
- Delve into the science related to plants or seeds study, covering plant disease, growth, and genetics.
- Cover the study of numerous technical and scientific subjects related to the industry such as agriculture technology, food technology, plant sciences, and animal husbandry.
- Understand the science behind the insights of the production, management, and other aspects of aquatic life.
- Get familiar with the latest agriculture concepts, techniques, and modern methods in a particular area of specialisation.

## Top Marketable Careers for Agriculture Course Graduates

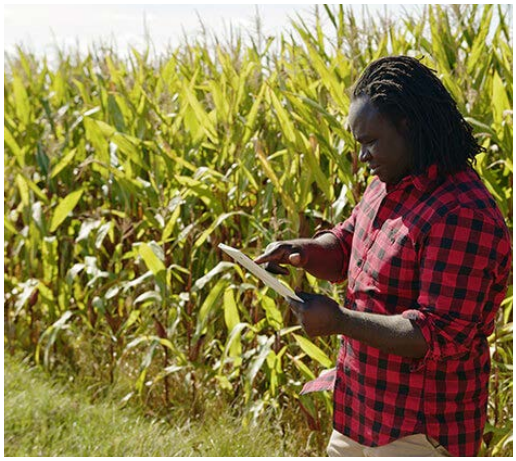
A bachelors or masters degree in Agriculture not only enhances the knowledge and refines the skills of students, but also allows them to use the micro to macroeconomics principles to solve agriculture-related problems. Some of the top agriculture specialisations you could consider are as follows:

### Agricultural Scientist

An agricultural scientist is a specialist that aims to analyze agricultural methods and different concepts including food production methods to improve the safety and yield of crops. Through scientific research, a skilled scientist works on the latest, modern and innovative ways to enhance, improve and deliver a better quality of the food grown. The most common roles of the agricultural scientist are to craft effective strategies for making farming affordable to the farmers, animal husbandry, and giving a new dimension to the reliable farmers by educating them.

The agricultural scientist mostly works full time in laboratories, concerning offices and particularly in fields to tackle many issues related to agriculture. The role of a scientist heavily involves assessing agricultural productivity, understanding the agricultural world, and making the agricultural environment safe for food, plants as well as animals.

## Food Microbiologist



Graduate college students in Food Microbiology take a look at microorganisms and their response to ingredients and their environments. Areas of emphasis are know-how of the ecology for microbial spoilage and pathogenicity, predicting microbial increase and loss of life with pc models, growing new detection techniques, locating and the use of herbal microbial inhibitors, know-how the genetic foundation for pathogenicity, and the response of microorganisms to new renovation techniques.

Food Microbiologists take a look at the interactions among meals, microorganisms, and their surroundings to make sure meals are safe, quality, and valuable. They further study new-age techniques to preserve various foods accordingly and aim to prevent them from spoilage in the food production chain. The microbiologist's job is to evaluate how the microorganism gets into a certain type of food, what measures can be taken to control the growth of microbial in foods, and determine why some harmful bacterias have virulence and tendency to cause disease.

## Aquaculture Technician

An aquaculture technician is a qualified person that mostly involves the farming of aquatic animals like fish, crustaceans, mollusks, including aquatic plants and organisms under controlled conditions. Their main job responsibilities are to control all or most of the aquaculture-related activities, raise both fish and plants for food & recreational purposes, manage public lakes, rivers, and fishing areas, check water quality measurements, and a lot more.

They are involved with the daily operations on aquatic farms or hatcheries. Their work involves breeding, harvesting, and transporting stock as well as maintaining their aquatic environment. From keeping the tanks clean to monitoring water quality, oxygen levels, salt content, and pH levels, the aquaculture technician is a part of almost every maintenance activity that takes place on an aquatic farm.

## Crop Specialist

A crop specialist is a skilled person working to improve the way a business or organization manages, analyzes, and utilizes the data of the seed or crop production process. They smartly use their expertise, skills, and detailed knowledge of different agricultural techniques, products, and technological advances to provide utmost guidance to the farmers and get the most from the soil and the earth.

The key job responsibilities of the crop specialist mostly include the systemization of various data initiatives that also include data in the field and metrics based on asset performance, presenting various collective data systematically for strategic decision making, making specific modifications and improvements in the system if required, developing as well as following standard practices for data entry, management, and documented processes.

## Plant Geneticist

Plant geneticists are people who conduct thorough research to understand the nature of a variety of useful plants or crops including their seeds. They are meant to further make the life as well as the growth of the plants healthy. By studying a plant's DNA, they find out other exciting ways to improve the shape, size, production rate, pesticides, and disease tolerance of the same plants. They are generally more interested in the way plants grow, develop and reproduce by following the best practices in scientific methodology and meeting the agricultural standards.

Plant geneticists can work in a variety of settings such as colleges and universities, government agencies, businesses, multinational corporations, private companies, etc.

## Horticulturist

A horticulturist is the professional responsible for increasing the yield and improving the vitality, size, and taste of the plants. They usually coordinate research programs for selective crops and find a suitable solution to improve the same. The horticulturist must have extensive knowledge of trees, flowers, vegetables, nuts, shrubs, and fruits.

Commercial horticulturists are engaged in the cultivation, packaging, and sale of crops, from food to vegetables to ornamental plants. At the highest levels, they act as the enterprising managers who control all aspects of the production process and help ensure that everything goes smoothly in the market.

## Agricultural Engineer

Agricultural engineers are professional engineers that aim to solve minor to major problems related to energy supply, the efficiency of machines, the use of structures and systems, pollution and environmental problems as well as the storage and processing of agricultural products. They are known to be skilled people who carry specialisation in a variety of areas such as agriculture and forestry, aquaculture, and biofuels. Most agricultural engineers work either full-time or part-time. However, their working hours may vary depending on the project they are working on.

Agricultural engineers mostly make smart use of advanced computer technology to design machines, systems, and equipment. They can construct earthmoving vehicles that can perform multiple agricultural tasks regardless of the weather conditions in the particular area.

## Soil Engineer

The work of a soil engineer is to carefully analyze the structure of the soil of a building or construction site. This helps the engineers to understand the pitfalls and address issues related to existing structures due to land conditions among them. A soil engineer, also known as a geotechnical engineer, is a civil engineer who specialises in evaluating the properties of the terrain on which a structure is being constructed.

Soil engineers also consider the bearing capacity of the soil beneath a building's foundation and estimate the likelihood that the building will settle or move over time.

# Need help in deciding the best Bachelors in Agriculture or Masters course for yourself?

Check out the list of most popular questions around Agriculture programs

**What is Agriculture?**

Agriculture is the science of farming and cultivating plants, animals and other products which are used to enhance human life. It is a multidisciplinary field that comprises a range of technical, scientific and business study areas.

It invovles the study of biology, natural environments, agricultural production, business management, bio-based economies, global food systems, etc.

**What subjects are required to pursue Agriculture?**

A science is required; Biology, Chemistry or Physics will be needed at high school level. English and Mathematics will also be key subjects needed at the secondary level.

For postgraduate entry, a second-class degree or equivalent will be considered in a field in Agriculture. Other subject areas can be considered on a case-to-case basis.

These requirements depend on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for an agricultural degree?**

On average, a bachelors degree in the agricultural field will take at least 3 to 4 years. Availability of a placement program will take an extra 6 to 12 months.

Postgraduate programs will take 12 – 36 months to be achieved.

**What are the best courses for Agriculture?**

The agricultural industry is broad and so if you do not have an inclination towards any specific field, the most popular agricultural course at a bachelors level, is a Bachelor of Science in Agriculture. This is because the course gives students an overview of the different specialisations within the agricultural industry.

However, depending on your specific interests, there are also speicalised courses in animal science, horticulture, plant pathology, fisheries, agricultural biotechnology...etc.

**What are the different careers in Agriculture?**

Agricultural career options go beyond farming. Today, there are an array of marketable career options for graduates within this large and growing sector. From an agricultural scientist, to soil engineer, from working with plants or with animals, the field is vast.

For an indepth look into some of the most popular specialisations, check out our Top Marketable Careers for Agriculture Graduates section above.

# Archaeology

## Build an exciting career in Archaeology with globally marketable courses from top-ranked universities.

Explore insightful archaeology courses offered by leading Institutions globally and access exciting career opportunities in this diverse field of study.

- Learn how to interpret ancient and recent human past through investigation of material remains.
- Study how people in the past interacted with the world.
- Interrogate information gathering through studying contemporary uses of heritages, sites, monuments and historical objects.
- Explore specialisations including bioarchaeology (human remains study) zoo archaeology (animal remains study) paleoethnobotany (ancient plants remains study) lithic (study of ancient stone tools) etc.

## Top Marketable Careers for Archaeology Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential archaeology, commercial archaeology or industrial archaeology etc. Career options that open their gates for you after you get an online archaeology degree or pursue a full time archaeology degree course include-

### Archaeologist

Archaeologists study prehistoric people and their cultures. They will formulate surveys and carry out excavations, they will examine, document and preserve artefacts. These will be to investigate and test hypotheses about human habits using data left previously in the environment.

Archaeologists will effect geographical surveys and use aerial photography to locate excavation sites.

Archeologists will then compile and produce their discovered samples, they will preserve the written samples and photograph specimens that are inscribed on surfaces. Modern-day archaeologists will preserve their findings in electronic and computerized databases. They will gather information from interviews, researches and general observation of the environment.

## Cultural Heritage Manager

A cultural heritage manager's core responsibility is to balance two major aspects of cultural heritage, they will ensure that a cultural heritage site maintains its thumbprint heritage and at the same time generates an income in the present setting. The sites will range from historical sites, museums, landscapes as well as naturally occurring wonders.

A cultural heritage manager will be well-versed in public relations, business relations, marketing as well as project management see as their work environment is typically in areas where there is popularly acclaimed historical and cultural statement. Cultural heritage managers will oversee programs and policies related to arts and heritage in their defined scope.

## Museum Education Officer

Museum education officers will welcome visitors to museums and public galleries, they will provide them with interesting and factual information about the buildings the history of the place items on display and any other answers the visitors will need. Museum education officers will initiate and keep links with visitors. They are responsible for developing and implementing educational programs for the museums.

The museum education officer will organize seminars, school programs, community programs, media sessions etc. Sometimes they will take charge of the museum's community outreach programs as well as the museum's written curriculum on its collection. They will encourage learning as they generate inclusive marketing channels geared to draw and maintain public interest in the history of their museums.

## Archivist

Archivists run appraisals and research on museum records and documents to ascertain their value and authenticity. These documents will be documentaries, films, maps and paintings. Archivists preserve fossils and other collections properly. They are well versed in storage and conservation and apply the knowledge.

Archivists design and maintain organizational structures, as most archived materials will be stored in databases for efficient and easy access; the archivist will prepare tags, indexes and descriptions to keep track of the archived materials. Upon need, they will convert the material into digital format. They will present material to the public in formats like scans and copies and help researchers who want archived information access it.

## Cartographer

Cartographers design, study, produce and distribute maps, charts, spreadsheets and diagrams in both conventional and digital formats for the public and for business clients. They collect geographic data and then package it into the above formats. To compile them they will conduct ground surveys, reports, aerial photography and satellite images.

Cartographers will prepare maps for architectural and engineering firms, government bodies, military, publishing, conservation, surveying as well as in the fields of consultancy. They will operate photogrammetric appliances which place photographs in 3D formats for geographical databases. They will use this information to create viable real-time maps for relevant industry stakeholders. They will use desktop publishing packages to present the information.

## Records Manager

A records manager is tasked with the management of information received and generated by their firm or organization. Being a core control facet of all business-related systems and documentation, records management is integral to business principles. The managers will protect and organize a business's information database electronically and conventionally.

Records managers will structure efficient and user-friendly information systems ensuring economical management of the firm. The authenticity and accuracy of the records as well as the ease of retrieval should be a records manager mainstay. The information will be in the form of documents, correspondence, computer data, files, financial statements, videos, still images, manuscripts, publications, drawings and artwork etc.

## Tourism Officer

Tourism officers blend marketing skills, public relations and management skills in their careers. They promote tourism and tourist activities through campaigns and initiatives with the aim of generating revenue and at the same time keeping tourists curious in the offers. They identify and package tourism products for the tourists.

Tourism officers keep tourist facilities well maintained and enhanced, they will collaborate with the media to promote tourist destinations in advertising campaigns for television. They will also produce promotional content for press releases and tourism publications in localized areas as well as international markets. The research on local history and tourists needs to develop new tourist attractions based on demand. They will organize tourist festivals and carnivals and other relevant events.

## Forensic Anthropologist

Forensic anthropologists analyze remains and fossils. They will not necessarily preserve them but will analyze them before they are relocated. The remains will mostly be decomposed, they may also supervise the movement of the said remains to a laboratory for more detailed analysis and examination.

Forensic anthropologists can forward vital information on victims and their lifestyles, they can give direction on how they died and how long they have been dead. They can study trauma and help in investigating methods of crime and even intentions of the same, and help with arrests and gaining convictions. A degree in archaeology is an excellent pathway to this exciting career.

## Geoarcheologist

Geoarchaeology is the application of earth science methods to solve archaeological research challenges. A geoarchaeologist will study the naturally occurring processes around an archaeological site for instance the formation of an archaeological site through geomorphology. They will examine the effects of the same on the natural placement of artefacts and happenings like buried sites

A geoarchaeologist will research and contribute to the compilation of the histories of landscapes. This is done in line with the understanding that most cultural history can be traced back to the study of soil and landscapes of archaeological sites. There is an undisputed connection between archaeological material and the earth surrounding it. They will use geophysical surveying techniques in less destructive, faster and affordable research methods for investigations

## Need help in deciding the best Bachelors in Archaeology or Masters course for yourself?

Check out the list of most popular questions around archaeology programs

**What is Archaeology?**

Archaeology refers to the activity involving investigating of material developed by previous human societies. Its main objective is to study past human cultures through survey, identification and excavation of historical sites.

**How many years do you study for an Archaeology degree?**

On average, a bachelor's degree in the field will take at least 3 to 4 years. Availability of a placement program will take an extra 6 to 12 months.

Postgraduate programs will take 12 – 36 months to be achieved.

**What are the best courses for Archaeology?**

The field of archaeology is broad and so if you do not have an inclination towards any specific specialisation, the most popular archaeology course at a bachelors level, is a Bachelor of Arts (BA) or a Bachelor of Science (BSc) in Archaeology. This is because these courses give students an overview of the different specialisations within the archaeology industry.

The main difference between the two is that a BA will be more humanities focused, while a BSc will be more science-orientated, giving you an overview of scientific techniques and making use of the university's laboratory facilities.

However, depending on your specific interests, there are also speicalised courses in prehistoric, classical or medeval archaeology for example, or you could also delve into a related feild such as anthropology, geology or history.

**What are the different careers in Archaeology?**

A career in archaeology is bound to be facinating for individual interested in history, society and culture. There are several different fields of archaeology that you can specialise in; some of which include historical archaeologists, underwater archaeologists, ethnoarchaeologists, cultural heritage managers and archivists.

For an indepth look into some of the most popular specialisations, check out our Top Marketable Careers for Archaeology Graduates section above.

# Environmental Studies and Forestry

## Build an exciting career in Environmental Studies and Forestry with globally marketable courses from top-ranked universities.

xplore practical environmental studies and forestry courses to shape your environmental champion leadership journey. Innovate and make a positive impact in the world with a career in a passionate field of study.

- Contribute to conserving the planet through climate change knowledge and application.
- Study environmental global processes that are in demand and valuable on sustainability
- Proactively take your slot in making the world better in managing forest resources
- Gain applicable insight into a healthy, balanced ecosystem and environmental science

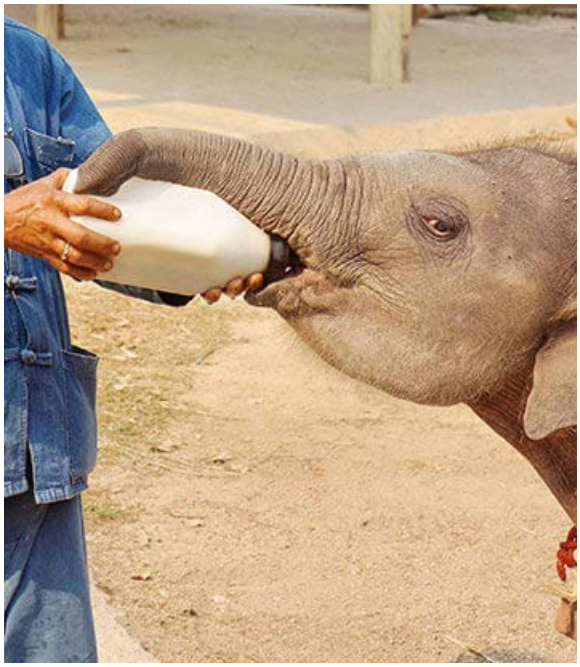
## Top Marketable Careers for Environmental Studies and Forestry Course Graduate

There are various sections of the construction world where you can choose to specialize into, like residential Environmental Studies and Forestry etc. Career options that open their gates for you after you get an online Environment Studies and Forestry degree or pursue a full time Environment Studies and Forestry degree course include-

### Forester

Foresters manage to set aside forested land for recreation, conservation and economic purposes. They create an inventory of the forest resources for instance the wood and timber. They may draw an inventory centred on the type of wood, amount and location. They may then proceed to research and appraise the worth of the wood, negotiate with buyers and draw purchase contracts and agreements by law.

Foresters will work out how to conserve the forest habitat, advice on how to keep the forest land healthy and protected and always work in line with the legal guidelines laid out for the forest areas. They will plan and guide on tree cutting, tree planting as well as monitoring the growth of the trees and other forest covers.



## Wildlife Management

Wildlife managers keep animal populations safe and well maintained. They achieve this by protecting natural habitats and helping wildlife coexist harmoniously with the modern world. This is made possible by applying environmental science principles and conservation management skills. Being an outdoor career, challenges of the job like sick aggressive animals, harsh weather call for extra preparedness.

Wildlife managers will coordinate food supply and wildlife safety to balance flora and fauna and keep communities safe. They will control animals likely to cause trouble, they will supervise hunting and keep it within acceptable parameters. They run community education programs on the coexistence of humans and wildlife. Wildlife managers will respond to alarm and distress calls whenever there is a human-wildlife conflict.

## Botanist

Botanists are scientists who study plants that form our natural habitats. They seek to define the plant kingdom by definition of structure, physiology, genetics, and ecology. They study how plants release oxygen to the air for our use and how they convert light from the sun into food and fuel. Basically, a botanist is passionate about life and plants.

Botanists study how plants affect and impact communities, as food and medicine. Botanists will help identify plants that face extinction, they will then guide on preservation measures in a practical fashion. Botanists work in food science too to research on how to maximize yield from food crops, they will work on formulating pest and drought resistance food crops with higher nutritional content.

## Conservationist

Conservationists protect and manage habitats like parks, forests and private farms. This is classified as a green career. Conservationists will advise on ways of protecting land features like advice on soil erosion prevention, what to plant to protect the soil etc. They will survey aspects of nature, collect data for surveys on landscapes, wildlife etc.

Conservationists will collate their data samples to help communities know about their plant and animal populations. This can be applied to guide policy decisions and the distribution of resources. Conservationists will educate communities on their natural habitats, they may organize field trips and tours, seminars and meetings to discuss their findings with communities and chart programs to better the same. They spend time outdoors in nature.

## Plant Biologist

Plant biologists study plant genetics and plant breeding. They will initiate, support and conduct research on plant production. In response to the research, they will follow up with site selections, planting of test crops, applying fertilizer and pesticide, designing farm tools to support the project, gathering crop and soil specimen samples and evaluating present pests and crops.

Plant biologists identify new plant species, grow plants from tissue cultures, manage, organize and document field data. Approach insects' invasion by diagnosing and treating outbreaks and monitoring. They study the effects of pollution in plants and work on containing them. Plant biologists work in private lands, parks, government agencies and nonprofit agencies.

## Agricultural Engineer

Agricultural engineers coordinate overall agricultural aspects on a farm. These aspects will range from soil conservation, machinery, farm products processing, electrification etc., They will be tasked with drawing and following budgets, researching and preparing research reports, overseeing the provision of services like electricity and water to the farm, ensuring farm assembly plants are productively working and maintained, overseeing contractor and supplier relations on the farm.

Agricultural engineers will prepare proposals and make presentations on the day to day farm operatives and needs and will require to be articulate communicators with a technical understanding of the farm processes and their applications. They will design farm machinery and oversee repairs and maintenance activities. They will work on farms owned by individuals, governments and institutions across sectors

## Horticulture Technician

Horticulture technicians study the sustainable growth of plants in educational, research and commercial backgrounds. They attend to plants in greenhouses and respond to clients' needs of greenery décor applications in commercial malls and office parks.  They generally take care of plants.

Horticulture technicians will identify and recognize plants and flowers be conversant with what it takes to grow them, fertilizers and pesticides, adaptations of the plants and how long they take to grow. They will employ the highest level skills in soil preparation and dressings, planting of cuttings or seeds, relevant propagation and weeding. They will require great record keeping skills for inventory, activity logs, plant database and informing customers and clients on plants and plant care. They will work in private farms, parks and forests and flower farms.

## Fishery Manager

Fishery managers coordinate and oversee programs running at fisheries, these programs involve identifying and screening cultivation areas, monitoring hatching and growth of fish, preparing and feeding the fish, ensuring all the farm appliances are well running and maintained. They also oversee medicating and fish health and networking with relevant stakeholders in the industry.

Fishery managers will collect, analyze and document farm data like inventory, research and surveys reports, proposals and presentations regarding the farm. They will have excellent information packaging and presentation skills to also negotiate business contracts with clients and suppliers. They will also supervise teams, train workers, schedule duties and solve problems as they arise. They will work on private fish farms, commercial farms, government and nonprofit agencies.

## Forest ranger

Forest rangers conserve and preserve forests by looking after the land, roads, campsites and nature trails and prevent and fight fires; they detect fires from watchtowers and ground patrols. They identify and protect endangered flora and fauna. They are law enforcement officers who ensure that forest land is properly utilized for recreation as well as commercially.

Forest rangers will run educational programs with the communities on the preservation of forests and commercial practices allowed in the forests. They will partner with the communities in conservation drives. Forest rangers will oversee rescue missions should anything happen to people or animals in the forests or parks. They compile and present forest reports on the environment, safety, preservation and business to stakeholders.

## Need help in deciding the best Bachelors in Environmental Studies and Forestry or Masters course for yourself?

Check out the list of most popular questions around Environmental Studies and Forestry programs

**What is Environmental Studies and Forestry?**

This is a feild relating to more than one branch of knowledge. A student would explore the aspects of Biology, Chemistry, physics, social sciences, geography, earth and marine sciences. All this achieves the objective of understanding Natural and Human environments. Forestry on the other hand is the study of trees and forest ecosystems.

**What subjects are required to pursue Environmental Studies and Forestry?**

A student would be required to have either Biology, Chemistry, Physics, geography, Mathematics or Physics. English at secondary level will also be a key requirement.

For a postgraduate level, a student will be required to have a bachelors degree in the above-mentioned fields with a grading level of a second class or an equivalent qualification.

**How many years do you study an Environmental Studies and Forestry degree?**

On average, a bachelor's degree in the environmental studies and forestry field will take at least 3 to 4 years. Availability of a placement program will take an extra 6 to 12 months if available.

Postgraduate programs will take 12 – 36 months to be achieved.

**What are the best courses for Environmental Studies and Forestry?**

The Environmental Studies and Forestry feild is quite broad and so if you do not have an inclination towards any specific field, the most popular course at a bachelors level, is a Bachelor in Environmental Science. This is because the course gives students an overview of the different specialisations within the agricultural industry.

However, depending on your specific interests, there are also speicalised courses in sustainability, ecology, climate change, forest resources, natural resources...etc.

# Geography

## Build an exciting career in Geography with globally marketable courses from top-ranked universities.

Explore concise geography courses offered by leading Institutions globally and access exciting career opportunities in this field of study which harmonizes the earth and humanity.

- Understand topography and why physical features like soil, water, and the climate are where they are and why.
- Explore locations, spatial patterns, places and spatial interactions. Develop critical and analytical thinking ability to present research and findings professionally.
- Study lands phenomena, inhabitants and features; draw and design inclusive representations of the features through maps and geographic information systems.
- Explore physical earth surface properties and human communities around them by analyzing available data and interpreting it suitably

## Top Marketable Careers for Geography Course Graduates

### Landscaper

Landscapers construct and maintain buildings, parks, gardens and outdoor spaces. They also consider the functionality of the spaces and use the data to decide on grass, trees, flowers and decorative pieces that will complement a space. They will have basic knowledge of pest control

### Architect

Architects research, plan, develop and actualize structural designs of buildings. They will deduce feasibility reports, investigate the environmental impact, draw project proposals, run estimate costs, set timelines and roll out construction projects. To build apartment complexes and malls, an architect will be multidimensional in thinking. Draw 2D and 3D images considering aesthetic value and functionalities.

Architects will be in the office meeting clients, drafting plans and acquiring the relevant construction licenses from government agencies to be able to work. They will liaise with their clients and contractors and guide contractors on reliable suppliers. Architects will resolve issues arising during a project that touches on designs, they will modify project plans to accommodate clients' needs. Architects will be creative.

## Geographer

Geographers study the earth; the distribution of its land, people and features. They also study cultural and administrative structures, the geographical and physical signatures of locations from local to global levels. They will collect geographical data from census drives, surveys, maps, satellite pictures and photographs. They will also research, hold interviews and focus groups to gather data.

Geographers will create visual representations of collected data as well as draw maps. They will investigate the distribution of cultural and physical occurrences and characteristics from the data. They will analyze and display the data using geographical information systems (GIS) or global positioning systems (GPS) for accurate representation. Geographers will work in the education sector as teachers, private companies and even government agencies.

## Drafter

Drafters work with architects and engineers to fine-tune a projects structural design and requirements. They calculate material requirements, dimensions of the project and structural weight logistics. Drafters break down the processes of production step by step capturing all hardware and software to be used.

Drafters create the correct project model in computer-aided design software (CAD). They will keep customer communications and be in touch with their needs. They will revise project models based on the customer needs and advise accordingly. They will allocate project guidelines and enforce timelines. Drafters will work for civil projects, government projects nonprofit organizations and individuals.

## Environmental Lawyer

An environmental lawyer will lead the preservation and conservation of the environment on the legal, judicial front. They will challenge laws that work against the environment and champion for change and enactment of balanced ad better laws. They will ensure that organizations follow laid out environmental policies.

Environmental lawyers will investigate and question weak environmental policies, they will advise clients on appropriate legislation. They provide expert testimonies in environmental cases, they will work for public and private firms, government agencies, nonprofit companies etc.

## Surveyor and Mapper

Surveyors and Mappers are licensed to take accurate measurements while determining property boundaries. They avail required data relevantly applicable to the shape, location, contour, gravitation, dimension and elevation pf land. They will also avail data on the features of the land on or close to the surface of the earth for purposes of mapping, mining, land evaluation, engineering and construction.

Surveyors and mappers apply approved principles and practices of land surveying; they also apply surveying tools like electronic distance measuring equipment. They will verify the data collected from surveys for accuracy highlighting measurements and calculations. Surveyors and mappers will work in the private and public sector, government agencies, nonprofit organizations etc.

## Urban Planner

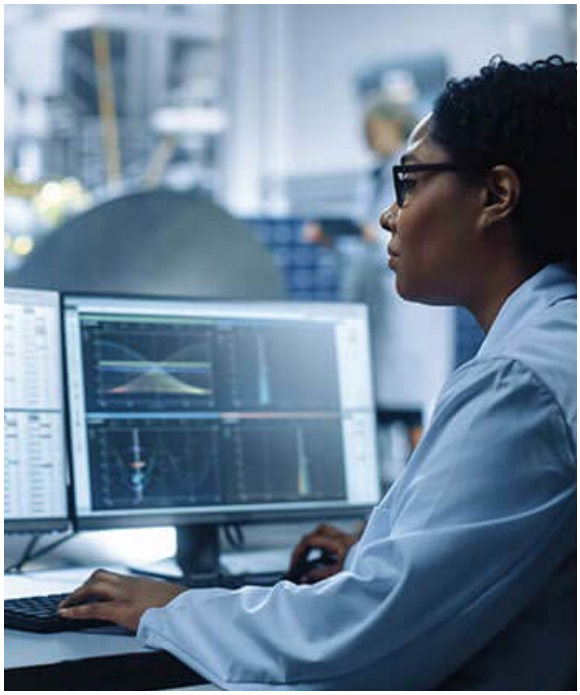
Urban Planners compile well-detailed plans and designs for the development of spaces within towns and cities. They are tasked with the management of the ever reducing urban spaces and to develop them in progressive ways that will withstand the never-ending rural-urban migration.

Urban planners will work closely with developers. Public officials and members of the public collect data on sustainable land use in urban centres. They will analyze the feasibility of available data and present conclusions and recommendations to planning officials and commissions for implementation. They will be conversant with zoning and building codes, environmental laws and by-laws. They will work in government agencies and civic organizations.

## Cartographer

Cartographers generate maps and are part of the larger mapping scientists cluster. They will collect geographic data from aerial and ground photography, surveys and research and will use this data to create maps, drawings and charts covering expansive areas of the earth's surface. They will verify the accuracy of the maps and present them for use to commercial customers and the public sector.

Cartographers will today be knowledgeable in technology as mapping has been computerized with geographical information systems (GIS) packages and remote sensing methodologies. They will now collect, store and transfer data electronically. Maps are also designed, created and produced using computers. Cartographers will work for government organizations, private companies, private consultancies, commercial map publishers and service agencies.



## Climatologist

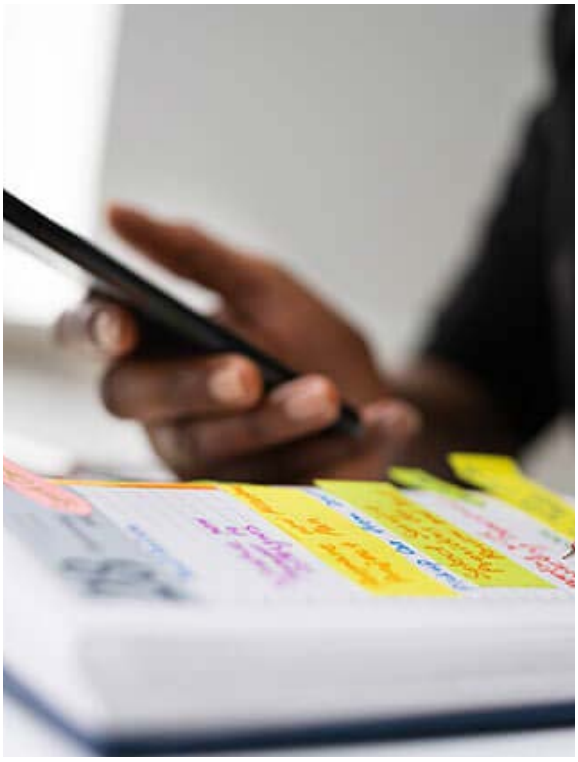
Climatologists study the atmosphere to gain information about the earth's climate. They collect and analyze samples from the soil, ice, water. rain, air and vegetation to investigate weather patterns and their effects on the earth. They will analyze precipitation, soil moisture and temperatures. They will use data from this research to inform on weather changes, a thorough analysis of the data collected will advise on long term weather predictions.

Climatologists will be highly analytical and with excellent communication skills to enable the presentation of geographical findings in graphic electronic form. They will contribute to research by publishing results of original research in high quality, peer-reviewed scientific journals. They will work in government agencies, private and public sectors, educational and environmental institutions.

## Transportation Planner

Transportation planners research, collect data and analyze data to support initiatives on transportation planning. They recommend system upgrades informed by the populace, implications on economies and lifestyles, available space/ land and traffic projections. They advise stakeholders on public policy matters affecting transportation. They take part in public forums that discuss transportation where they present proposals and gather feedback from affected parties.

Transportation planners will lead local transportation conflict resolutions; they will advise the public on transportation issues through specialized targeted events. They will analyze and interpret transportation data presented by multi-sectoral agencies. They evaluate transportation projects budgetary viability and review infrastructural plans making changes where applicable. Transportation planners will work across government and private agencies.



## Need help in deciding the best Bachelors in Geography or Masters course for yourself?

Check out the list of most popular questions around Geography programs

**What is Geography?**

The is the study of land, features and inhabitants of the earth's surface. It can also be defined as the study of places and relationships between people and their environments.

**What subjects are required to pursue Geography?**

At least a Mathematics or a science subject are required for higher level. English, mathematics and one science is necessary at high school level.

These requirements depend on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study a Geography degree?**

On average, a bachelor's degree in the geography field will take at least 3 to 4 years. Availability of a placement program will take an extra 6 to 12 months if available. Postgraduate programs will take 12 – 36 months to be achieved.

**What are the best courses for Geography?**

The field of geography is broad and so if you do not have an inclination towards any specific specialisation, the most popular geography course at a bachelors level, is a Bachelor of Science (BSc) in Geography. This is because this course give students an overview of the different specialisations within the industry.

However, depending on your specific interests and the demand for specilised knowledge and skills in your region, there are also speicalised courses you can take in Cultural Geography, Hydrology and Water Resources Management, Physical Geography and Environmental Geosciences, or Ecosystem Science, for example.

**What are the different careers in Geography?**

A career in geography is bound to be exciting for individuals passionate about the earth, the environment and sustainability. There are several different fields that you can specialise in with a Geography degree; some of which include Urban Planning, Geospatial Analysis, Cartography, Geomorphology, and Climatology.

For an indepth look into some of the most popular and in demand specialisations, check out our Top Marketable Careers for Geography Graduates section above.

# Geology

## Build an exciting career in Geology with globally marketable courses from top-ranked universities.

Discover scientific excellence through Geology courses offered by leading Institutions globally and make a difference accessing career opportunities in Earth science.

- Study the earth; the materials, products, processes, physical nature and the earth's history.
- Predict the universe and the systems of the earth by learning to interpret and make observations from the geologic landscape.
- Help in saving natural resources by studying and documenting availability alongside samples of needs, demand and consumption.
- Discover alternative energy sources for fuel, water and other earth resources and advise on applicability and adaptation.

## Top Marketable Careers for Geology Course Graduates

### Geochemists

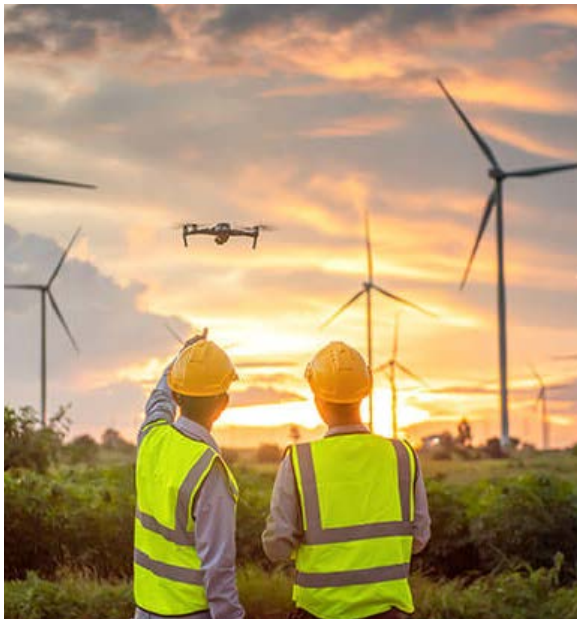
Geochemists will study physical aspects of the earth like the composition of the earth, the earth structure and the earth's processes. They will run examinations on the distribution of chemical elements in minerals and rocks, they will also look at the movement of these chemical elements into the water and soil systems available. They will apply inorganic and physical chemistry to establish the chemical elements.

Geochemists will apply organic chemistry knowledge to investigate the composition of fossil fuel deposits. Their research may guide oil and mineral exploration industries. Their research may be applied to improve water quality and to clean sites with toxic wastes. Careers are found in the oil and gas industry, environmental industry, education facilities, research centres and private consultations

### Environmental geologists

Environmental geologists will save the water and soil of the earth from contamination by advising on safe locations for new landfills, safe disposal of coal ash and even nuclear power plants. They will design and supervise underground waste disposal systems. They will study the interaction between humans and nature, they will examine the impact of human activities on the environment.

Environmental geologists will give direction on environmental safety versus its accessibility and productivity for humanity in an effort to keep much-needed balance. They will ensure safe land utilization and help in mediation and land reclamation as needed. They will lead conservation operations and maintain environmental impact and sustainability in a universe teeming with humanity.



## Geomorphologists

Geomorphologists study the formation of the earth's surfaces by mountains, rivers, air, oceans etc. They investigate and predict how these elements will change the earth's landscape in future. They gather organic samples from the earth like seeds from plants, water from water bodies, soil and sand from mountains and investigate if these materials played a role in the land formation

Geomorphologists collect data investigate it, write reports on the same including data calculations. They will map out an area before and after a study and use both digital and conventional tools to justify and document their findings. Geomorphologists will work in private and public companies, teaching institutions and geographical institutions

## Geophysicists

Geophysicists are scientists specialized in studying the earth's physical properties. They apply advanced mathematics, chemistry, physics and geology to study the earth and its features. They study the internal structure and composition, oceans, electrical fields, the atmosphere etc. They will be specialists in areas like the earth's magnetic field, gravity fields, seismic fields, planetary fields etc.

Geophysicists will use advanced research methods and instruments to locate natural resources, assist in conserving the environment, develop techniques for monitoring and preventing seismic dangers like earthquakes. Geophysicists work in the oil and gas industries, government agencies, nonprofit organizations, environmental organizations and learning institutions. A bachelor's degree in geology will be an excellent entry point to this great career.

## Hydrogeologists

Hydrogeologists work on water resources, they collect water on the earth's surface as well as underground and monitor data to support related programs and projects. Hydrogeologists will deal with the movement and distribution of water in the soil and rocks underground. Hydrology, geohydrology, hydrogeology are terms often used interchangeably. They will work with other relevant scientists to preserve and clean the environment. Hydrogeologists will work with specialized agencies addressing water resource issues. They will prepare maps, figures and related reports on geologic structures, groundwater elevations, water quality and other viable data. They will install and maintain water quality and property infrastructure, advise on the nature and extent of contamination of groundwater. They will make sound presentations of the same in approved formats.

## Stratigraphy

Stratigraphers examine the layers in the structures of physical places of the earth, these layers will show after years of foundational shifts in the earth. They can then investigate how life on the planet looked like in the past. Stratigraphers in geology will study the geological history of a site by looking at rocks, rock types will help indicate the previous presence of a water body that they will date. They can also date volcanic activity.

Stratigraphers will examine the layers in soil or rock to determine how the land came to be and in what order or sequence. A degree in geology is a great starting point for this career, there are opportunities across environmental agencies, private and public sectors.

## Marine geologists

Marine geologists study various natural processes occurring on ocean floors, beaches and marine ecosystems. They will collect, analyze and document geological geochemical and geophysical data from surveys on water bodies, logs on water bodies and aerial captures of the same. They will collect samples from the water bodies to determine their age and composition. They will specialize in one or more areas of marine geology like sedimentology, mineralogy, geochemistry amongst others.

Marine geologists will work in educational institutions, research institutions, environmental agencies and in the oil and gas industries. They will use technology such as GPS to map and analyze specific areas during research. They will often compile detailed papers on their findings and contributions to the sector.

## Meteorologists

Meteorologists study atmospherical and land patterns specializing in weather and climate studies hence forecasting weather conditions. They will analyze and record data from weather stations to radars and satellites which they will interpret to accurate predictions of weather patterns.

Meteorologists will apply physics and mathematical formulas and computer applications to make weather predictions. They will compile weather reports from the patterns of the land, sea and atmosphere. They will research climatic changes and use the information to better the weather predictions. They will stay updated on technological developments in the areas of weather reporting and climate change.

## Mineralogists

Mineralogists study minerals, their structures like their chemical and crystal shape form as well as their properties. They study how to retrieve minerals from their ores and how to process them to commercially viable products. They will sample rocks, gems, stones and identify them by applying heat treatments, chemical treatments to classify them.

Mineralogists will excel in sample collection and extraction, preparation, analysis and documentation. They will improve the recovery of the minerals on-demand and enrich their quality. They will apply their evaluation skills on lands with mineral deposits. They will process minerals for scientific equipment used to monitor the environment such as satellite sensors, GPS devices and wildlife tracking radio collars. They work in mining companies.

# Need help in deciding the best Bachelors in Geology or Masters course for yourself?

Check out the list of most popular questions around Geology programs

**What is Geology?**

The involves the analysis of history and physical structure of the earth, the materials that comprises of it and the process involved in shaping it.

**What subjects are required to pursue Geology?**

One of the key subjects is Chemistry. An applicant will also be required to have another science program, either Physics or biology. The student will also be required to have English and Mathematics qualification at secondary level.

These requirements depend on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for a Geology degree?**

On average, a bachelor's degree in the geology field will take at least 3 to 4 years. Availability of a placement program will take an extra 6 to 12 months.

Postgraduate programs will take 12 – 36 months to be achieved.

**What are the best courses for Geology?**

A standard Bachelor of Science (Bsc) in Geology is a popular course that gives students an overview of the different specialisations within the industry. You could also do a Bachelor of Arts (BA) in Geology, which is less science, and more humanities focused degree.

However, depending on your specific interests and the demand for specilised knowledge and skills in your region, there are also speicalised courses you can take in geological engineering or environmental geology, for example.

**What are the different careers in Geology?**

A career in geology is bound to be exciting for individuals passionate about the earth and natural resources. There are several different fields that you can specialise in with a Geology degree; some of which include Geochemistry, Geological Surveying, Geomorphology, Environmental Consulting and Geo-Physics.

For an indepth look into some of the most popular and in demand specialisations, check out our “Top Marketable and in Demand Careers” for Geology Graduates section above.

# Engineering and Technology

Aviation & Space Sciences

Computer Science

Engineering & Technology

# Computer Science

## Build an exciting career in computer science with globally marketable courses from top-ranked universities.

As said by one of the early programmers in the history of computer science, computer science is no more about computers than astronomy is about telescopes. The world we live in is driven by technology and computer science is like the crux of technological evolution and innovation.
There are a lot of sub-streams in computer science interconnected like a web but almost all are driven by one common fuel i.e programming languages.

- Gain and enhance your skills in website development, creating desktop or mobile applications, software development, cyber security, robotics, data mining by enrolling yourself in computer science courses
- Learn how to process and extract insights from data using scientific methods, processes, algorithms with masters in data science and data analytics courses
- Graduates of bachelor degree in computer science are known for their proficiency in multiple programming languages, problem-solving and mathematical skills, and quickly adapting to new technology
- With Craydel, unlock the doors to the key to the world of computer technology and an opportunity to work with the biggest tech giants of the world

## Top Marketable Careers for Computer Science Graduates

Career opportunities after an online computer science degree or a full-time CSE course are very wide, depending on what your area of interest is, which is more like where you want to apply your skills. For example, academic courses like data analytics degree, masters in data science, and online data science masters help you break into careers are:

### Software Engineering

A software engineer is a person who apply scientific and mathematical principles in order to design, develop, maintain, test, and evaluate computer software that solves problems. They are the creative minds behind new computer programs.

They create, maintain, audit and improve systems to meet particular needs, often as advised by a systems analyst or architect, testing both hard and software systems to diagnose and resolve system faults. Almost every type of company relies on software infrastructure to some degree as new technology being developed has some type of software component.

## Data Analysis

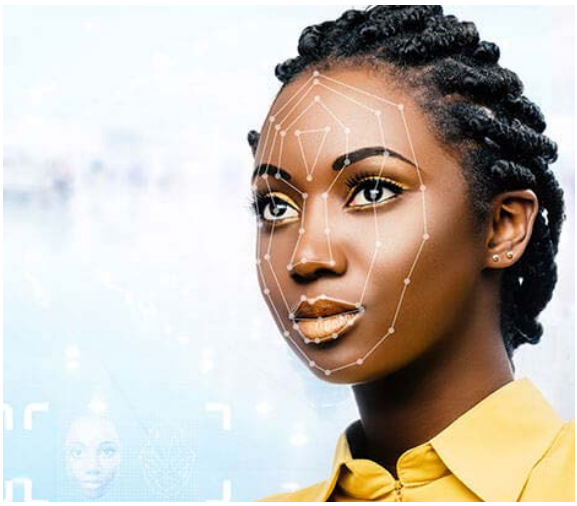
A data analyst organises data to identify trends that can be used to influence business decisions. Their methods and IT tools employ statistics and machine learning to assist in the collection and processing of data from a company, such as financial records, sales, prospects, and lead generation.

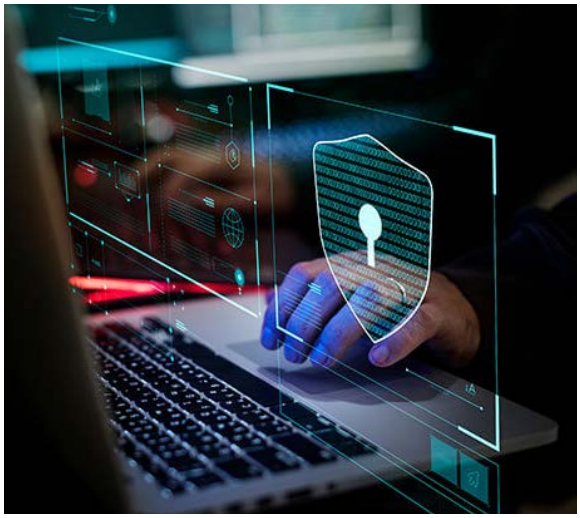
Data analysts are in high demand across all sectors, such as finance, consulting, manufacturing, pharmaceuticals, government, and education. Skilled analysts can also find roles in academic research or government advisory bodies.

## Artificial Intelligence / Machine Learning

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. This field in computer science teaches the machine how to understand the human mind and react like humans.

Artificial intelligence will transform the global economy, and AI jobs are in high demand. Some AI jobs include machine learning engineer, data scientist, business intelligence developer, research scientist, and AI engineer.





## Cyber Security

Cyber security analysts help to protect an organisation by employing a range of technologies and processes to prevent, detect and manage cyber threats.

Cyber security is a fast-growing field and cyber security skills are in demand. Professionals are employed by a variety of organisations across both the public and private sector however self-employment is an option for experienced analysts. You could set up your own cyber security company or work as an independent cyber security consultant. You could also work as a contractor through an agency.

## Cloud Architecture

Cloud computing architecture refers to the front end platform, back end platform, a cloud based delivery, and the network components and subcomponents required for cloud computing. There are 4 main types of cloud computing: private clouds, public clouds, hybrid clouds, and multi clouds. There are also 3 main types of cloud computing services: Infrastructure-as-a-Service (IaaS), Platforms-as-a-Service (PaaS), and Software-as-a-Service (SaaS).

A cloud architect is responsible for overseeing a company's cloud computing strategy. This includes cloud adoption plans, cloud application design, and cloud management and monitoring. They also need to integrate tools and services for all areas of cloud computing, such as data and networks.

## Computer Systems Analysis

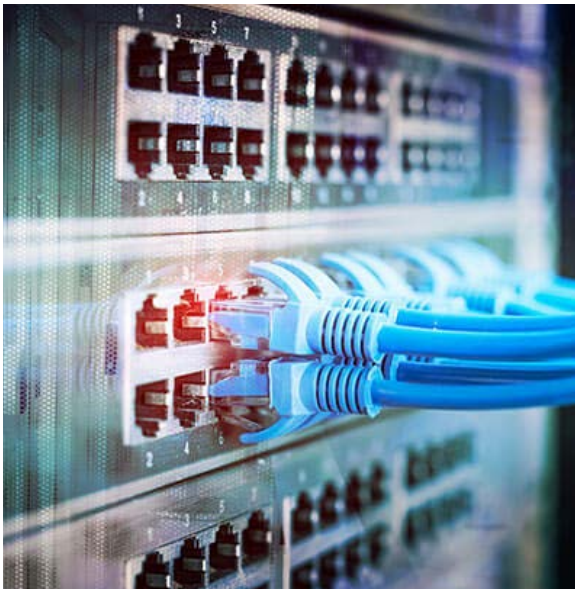
Systems analysis the process of observing systems for troubleshooting or development purposes. It is applied to information technology, where computer-based systems require defined analysis according to their makeup and design.

Also known as systems designers, computer analysts initiate computer system upgrades, write and publish technical reports and requirements, configure hardware and software, train end-users, and ensure that businesses use computer technology efficiently.

## Network Architecture

Network architecture is the design of a computer network. It refers to how computers are organized in a system and how tasks are allocated between these computers. Network architecture consists of transmission equipment, software and communication protocols, and infrastructure (i.e. wired or wireless) transmission of data and connectivity between components.

Computer network architects design, build and maintain a variety of data communication networks, from expansive cloud infrastructures to smaller intranets. Along with a host of technical skills, computer network architects also have a deep understanding of the company or organization's business plans and objectives.



## Game Development

Game development refers to the act of creating a game; sometimes referred to as “gamedev”. The game development process typically requires working alongside and getting input from one or more game designers, artists, programmers, animators, testers, project managers, etc.

Game developers produce games for personal computers, games consoles, social/online games, arcade games, tablets, mobile phones, and other hand-held devices. This role splits into two main parts - the creative side of designing a game and the art, and the programming side, using programming languages.

# Need help in deciding the best Bachelors in Computer Science or Masters program for yourself?

Check out the list of most popular questions around computer science programs

**What is Computer Science?**

Computer science is the study of computers and computational systems using algorithmic processes, computational machines and techniques. It is a field of study to design and analyze algorithms to solve programs and study the performance of computer hardware and software.

**What are the subjects needed to study Computer Science?**

Physics, Chemistry, and Mathematics as core subjects are required for entering an undergraduate program like BSc Computer Science and Bachelor in Computer Science. Having computer science and related subjects like networking, will give you an edge.

Many universities have entrance exams for computer engineering courses. If you’re going for a masters degree, having a prior bachelor’s degree in computer science, computer engineering, electronics and communication engineering are often preferred.

However, different universities have different requirements for different courses. Ask the experts at Craydel for further guidance on what the qualifications for your desired course are

**How many years do you study for a Computer science degree?**

1. Bsc Computer science: **3 years**
2. Bachelor of computer applications: **3 years**
3. MS in Computer Science/Data Analytics/ Data Science: **2 year**
4. Msc in Big Data Management and Analytics : **1 year**

**What are the best courses for Computer Science?**

BE Computer Science and Bsc Computer Science are the most popular bachelor’s degrees in the world. Bachelor in computer applications is a proliferating course among students.

MSc/MS in Computer Science gives you an edge over your peers as a software engineer among employers. MS in Data Science and Data Analytics focus on data analysis which are needed by a variety of industries these days. A Postgraduate Diploma in Artificial Intelligence focuses on deeper aspects of a very quickly growing technology i.e AI, intelligence demonstrated by machines.

There are various specialization courses you can choose from if you are interested in a particular field of computer science. For example, you can study a Full stack development course of shorter duration if you are interested in developing web applications and websites.

**What are the different careers in Computer Science?**

Software developer: This in itself, contains a plethora of career paths and fields like game development, industry specific software development, web application development, Android and ioS development. Depending on the technology you are interested and passionate about, there are roles like machine learning engineer, Data Scientist, Cyber security, blockchain specialist, Systems Applications and Products(SAP) specialist etc.

Computer science has programming languages at it's crux and you can develop software products and services once you master them. Various career paths need you to learn specific programming languages. For example, as a data scientist, you must have a command over languages like R and python. Web application development needs a fluency in Javascript, PHP, Ruby etc.

For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Computer Science Graduates" section above.

**How can Craydel help me find the best Computer Science courses?**

Students and professionals around the world often find bachelor's degree insufficient to reach their ultimate career goal. Craydel's advanced assessments and experts broaden your perspectives while choosing a goal and allow you to create your own Optimus Prime.

From a variety of universities in Kenya, the USA and different parts of Europe, providing best computer science engineering courses and data science masters programs to the proper guidance in the admissions process and course structure fitting your requirements, be it online or in campus teaching.

# Engineering and Technology

## Build an exciting career in engineering and technology with globally marketable courses from top-ranked universities.

As Albert Einstein said, Scientists investigate that which already is; Engineers create which has never been. Engineers are truly the builders and developers of the developing world. For example, Software Engineering courses provide you with coding skills. Engineering courses tend to integrate principles of science with practical applications to provide infrastructure, a system, or a process that is capable of solving problems in our day-to-day lives.

- Independent of the branch or field, bachelor of engineering graduates have high-level problem-solving skills, industry skills and knowledge, computer skills, structural and analytical skills, teamwork, creativity and nurturing manufacturing and workflow development skills, etc.
- Choose from the vast number of majors in best Engineering courses from world-class universities that provide global level job placements
- Often four years long, engineering courses are challenging to take but that makes engineers passionate about their field of work
- A number of engineering majors and their applications are among the highest paid jobs in the world. Pursuing masters after engineering courses has extra benefits

## Top Marketable Careers for Engineering and Technology Course Graduates

Best engineering courses totally depend on the career you want to have and the field of interest. Many universities across the world have 4 year engineering courses where you study the basics of all fields in the first year. Various majors in engineering courses give you the entry pass in various sectors:

### Mechanical Engineer

Mechanical engineering courses can set your roots in the aerospace, automotive, chemical, and mining sectors. Other job profiles include robotics and automation, oil and battery industries, or as a mechanical design engineer and mechanical system designer. Research and Development and working on renewable energy are trending topics of interest for a mechanical engineer of this decade.

You learn concepts like statics and dynamics, stress analysis, mechanical design, thermodynamics, fluid dynamics, and technical drawing which you will apply during your executive job roles in the early and later stages of your career. Mechanical engineers work on a wide range of projects, from printer nozzles to rocket ships. The average salary of a mechanical engineer in the USA is around $70K per year.

## Civil Engineer

Civil engineering courses open the infrastructure design, construction, and development world for you with opportunities like building services engineer, design engineer and construction manager, estimator, nuclear engineer, site engineer, structural engineer, etc. All areas of civil engineering give you plenty of opportunities for creativity, innovation, and most of all, satisfaction as you contribute to the real-time development of tangible things.

A good civil engineer has an understanding of building, environmental, and urban planning issues to budgeting and costing knowledge. Job profiles after a civil engineering course offer good prospects for advancing in a career quickly and getting an extra set of skills opens an opportunity to earn a higher-than-average salary. The average salary of a civil engineer in the USA is around $87K per year.

## Petroleum Engineer

Petroleum engineers design and develop methods for extracting natural gas, crude oil, and petroleum from the earth's surface and use those materials to create energy efficiently and cleanly. With growing computer technology, petroleum engineers also use computer simulations to predict petroleum and natural gas flow on the site under focus.

You can specialise as a reservoir engineer, drilling engineer, or production engineer in the petroleum or oil sector after a bachelor in petroleum engineering or a master with a major in the same field. If you enroll in a good university, the job placements can really kickstart your career in the best way possible. The average salary of a petroleum engineer in the USA is around $87K per year.


## Biomedical Engineer

A Biomedical engineering degree opens career paths in biomaterial development, biomedical scientist or researcher, medical technology development, and rehabilitation engineering. Often working in medicine or clinical context, a biomedical engineer works towards meeting the needs of the world's aging populations and to propel rapid advances in medical technologies like micro-electro-mechanical systems.

The career is built upon intriguing fields of study like neuroscience, cell and cancer biology, modelling human disease. The world needs medical science to excel with better tools for medical professionals to diagnose and treat their patients and find cures. The average salary of a biomedical engineer in the USA is around $91K per year.

## Electrical Engineer

Electrical engineering degrees open up a path for you to work in a variety of industries, developing electrical and electronic components such as electric motors, radar, or navigation systems. You can also evolve into developing broadcasting or communications systems.

Depending on where you want to grow, you can pursue a profession that includes the production and deployment of automation equipment and the assessment and testing of products, as well as for the use of measuring and diagnostic equipment for adjustment, testing, and repair. The average salary of an electrical engineer is $91K per year.

## Chemical Engineer

Chemical engineering courses are focused on studying the design and supervision of chemical reactions in the industry for energy production or human development. Chemical engineers use hard science in the production of compounds used every day in fuel, food, pharmaceuticals, etc.

A chemical engineer degree can give you a ticket to become an analytical chemist, energy manager, materials, and manufacturing engineer in many production industries. The average salary of a chemical engineer is $82K per year.

# Need help in deciding the best Bachelors in Engineering and Technology or Masters course for yourself?

Check out the list of most popular questions around engineering and technology programs

**What is Engineering and Technology?**

Engineering & Technology refers to a wide-ranged set of subjects that deal with practical application of science and involves the design, manufacture, and product improvement of tools and systems used either by us as a product or as a service focused on solving a problem.

**What are the subjects needed to study Engineering and Technology?**

Depending on the country and university of your choice, the requirements may differ, but three of Physics, Chemistry, high level Mathematics (calculus), Biology, Computer Science and Electronics are often required by schools across the globe.

This may differ depending on the major you choose. For example, a software engineering course, although not necessary, would prefer a student who has computer science in highschool. Pursuing Mtech and ME with a bachelors in the same or parent specialisation is both prioritized by universities as well as is a smart career move.

However, this depends on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for a Engineering and Technology degree?**

**Undergraduate**
Bachelor of Engineering/ bachelor of Technology: **3-5 years**
BE/Btech after a diploma: **3 years**

Some universities also provide 1 year long undergraduate courses to specialize in areas like industrial engineering, coastal engineering and sound engineering.

**Postgraduate**
MSc/Mtech in Engineering fields: **1-2 years**

**What are the best courses for Engineering and Technology?**

It is said that chemical, civil, electrical and mechanical engineering disciplines are the core majors in engineering and all others are child disciplines or fabricated from them.

Computer Science Engineering, Aeronautical Engineering, Mechanical Engineering, Electrical and Electronics Engineering and Biotech Engineering are trending in the 21st century as the developing world is dependent on technological and mechanical developments.

Petroleum engineering, Chemical engineering and civil engineering are specialisations which have been a part of life for a long time and are ever growing.

**What are the different careers in Engineering and Technology?**

Mechanical Engineering, Electrical Engineering and Civil Engineering provide you field specific jobs whereas Computer Science, Computer Engineering, Electronics Engineering, Biotechnology and Biomedical Engineering focus on softwares and working with computers.

Depending on the major you specialize in, an engineer starts with executive positions like automotive engineer, software developer, systems engineer, bio-instrumentation engineer, machine designer, reservoir engineer, civil architect etc and goes up to management and lead positions.

For an indepth look into some of the most popular specialisations, check out our “Top Marketable Careers for Engineering and Technology Graduates” section above.

**How can Craydel help me find the best Engineering and Technology courses?**

At Craydel, we thrive to provide the best services to engineering aspirants in the world through:

- Helping you choose the stream based on your career of choice and passion
- Providing expert guidance, career match assessments and counselling to help you choose the best engineering specialization for you
- Budget-friendly structure to help you choose from a wide range of African and International universities that are providing diplomas and b tech courses

# Health and Life Sciences

BioChemistry
Biology
Dentistry
Medicine
Nursing
Nutrition
Physiotherapy
Pharmacy
Psychology
Public Health
Sports Science

# Medicine

## Build an exciting career in Medicine with globally marketable courses from top-ranked universities.

Enroll yourself today in a bachelor's or master's degree program in the field of medicine while gaining in-depth knowledge of the human body, the effect of the medicine, as well as, developing specialized skills sets to become the next successful healthcare and medicinal administrator. The degree medicine course is broad and will also take you through allied fields such as dentistry, nursing, surgeon, oncologist, pediatrician, and more.

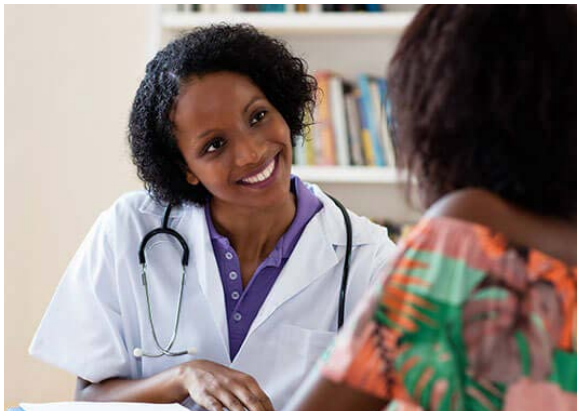
- Explore varied aspects of medicine while understanding the core values, ethics, and principles of Medicine.
- Providing medicine students with specialized hands-on tasks and practical skills in other various fields like an oncologist, pediatrician, dentistry, etc.
- Understand the complexities of medicine thoughtfully through problem-based learning, practical know-how, and clinical scenarios.
- Develop clear skills of identifying and diagnosing the patient's disease quickly while abiding by medicine laws.
- Gain complete theoretical, practical as well as clinical knowledge that can help you find a firm footing in the industry.

## Top Marketable Careers for Medicine Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential Medicine , commercial Medicine or industrial Medicine etc. Career options that open their gates for you after you get an online Medicine degree or pursue a full time Medicine degree course include-

### Surgeon

A surgeon is a highly specialized medical specialist that performs surgeries and provides the patient with surgical treatment. The surgical role is not just limited to performing operations only. The surgeon's responsibilities are to educate, train, diagnose, operate, postoperative, and guide the surgical team during the course of the operation. Furthermore, a surgeon with deep knowledge and excellent decision-making skills also handles or performs ambulatory, office-based, or managing in-patient activities.



## Oncologist

An oncologist's duty is to examine cancer and provide medical treatment for cancer patients. This is why they are also known as cancer specialists. The oncologist will look after the patient throughout the course of the disease, from diagnosis to recovery or even death. Depending on the type of cancer and the stage, an oncologist ensures to provide the right treatment such as chemotherapy, immunotherapy, surgery, or any related methods that can help the patient ease the pain

## Pediatrician

A pediatrician provides general medical care, monitors growth and development, and tracks and administers immunizations for infants, children, adolescents, and young adults. They diagnose and treat illnesses, medical ailments, and injuries in children, and make life easier for those who have chronic illnesses. While most pediatricians are general practitioners, some also specialize in pediatric surgery or in more serious medical conditions that are more prominently found in the younger populace.

Pediatricians see their patients regularly for checkups. These checkups take place from time to time in a patient's life in their life cycle. While they happen frequently from birth until the age of two, once the patient hits adolescence, the frequency comes down to once in a year.

## Clinical Ethicist

When physicians and patients may somehow face choices that further challenge their values, clinical ethicists come into the picture. A clinical ethicist is a medical professional that offers thorough guidance to the patients and their families, including the professional staff. The guidance is often related to ethical, legal as well as policy issues and some major concerns stemming from the health care professional and the patient arising from clinical interactions. Clinical ethics is not limited to controversial issues such as assisted suicide, cloning, or stem cell research. But, it involves dealing with other ethical questions every day professionally.

A clinical ethicist is a part of the ethics committee or review board that usually works as a consultant. The consultant is familiar with the plethora of medical concepts, theories, policies, procedures including clinical medicine.

## Disaster Medical Specialist

As the name suggests, disaster medicine is the study of collaborative applications of various health disciplines to the prevention and response to life-threatening emergencies. From natural disasters like earthquakes, tsunami, fires, floods, hurricanes to other emergencies with mass casualties, disaster medical specialists directly apply their medical procedures and techniques to combat the ongoing crisis and special emergencies.

In the medical industry, the disaster medical specialist is a challenging job that requires pre-disaster preparation, quick patient treatment at the disaster sites, and transportation of the patient victim to the designated hospitals. Many specialists typically serve as a volunteer during a national or international crisis. If not, disaster medical specialists can treat patients in hospitals or medical clinics.

## Emergency Medicine Doctor

Emergency medicine doctors primarily work in emergency departments or emergency rooms to stabilize and treat patients during special emergencies. Along with emergency doctors, an urgent care facility staff is also needed to provide an immediate medical diagnosis to the patient experiencing serious trauma like heart attack, accidents, broken bones, and dealing with some other conditions like pregnancy, rebel issues, cardiology, neurology, dermatology and more.

An emergency medicine doctor is needed to handle such multiple cases at once and offer them the right medical diagnosis that could save their life.

## Palliative Care Physician

Palliative care is the specialized medical care force working specially for patients dealing with serious illnesses or who need medical care throughout their lives journey.
A palliative care physician is a trained physician who is required to prevent, diagnose and treat prolonged illness using a different approach. They are trained physicians who will help patients physically, psychologically, socially, emotionally, and spiritually to deal with depression, trauma or pain accordingly.

Palliative care is not just individual-driven. They work as a part of a team that aims to assist people along with their families with making important decisions and improving the overall quality of life of the patient.

## Pathologist

Pathology is all about the study of the causes, nature, and effects of the disease on the human body. A pathology doctor or in short known as a pathologist is the specialized MD or DO physician who performs many minor to major lab tests to examine bodies and tissues. The primary duties of the pathologist are to examine and interpret numerous laboratory tests, send reports to the concerned patient care or medical team, determine whether the samples are cancerous or needed surgery, perform autopsies to identify the prevailing disease affecting the part of the body.

A pathologist is an integral member of the medical team that helps other specialized doctors or healthcare providers to reach accurate diagnoses.

## Anesthesiologist

Anesthesiology is the practice of medicine dedicated to the total care of the patient before, during, and after the surgery. In medical terms, an anesthesiologist is a specialized doctor who practices anesthesia. Anesthesiologists are the physicians that relieve patient pain by providing them with perioperative care, developing anesthesia plans, and the overall administration of the anesthetics. The anesthesiologist needs to assess the health of the patient and make important decisions to ensure that the anesthesia given is safe and effective to them.

## Need help in deciding the best Bachelors in Medicine or Masters course for yourself?

Check out the list of most popular questions around Medicine programs

**What is Medicine?**

This is a broad field of study that deals with the acquiring of knowledge on which will help in the treatment and prevention of sicknesses and diseases in human beings and animals. After achieving of this qualification, most students will join careers such as Surgeon, veterinary doctors and other related health professions.

**What subjects are required to pursue Medicine?**

Biology, chemistry and Mathematics are the core subjects needed to gain entry into a bachelor of science degree in the field. Students who also have a biomedical related degree may be considered for a bachelor's degree in Graduate medicine, if their high school grades did not qualify for pursuing medicine directly.

A related medical program will be required for entry into a postgraduate level. As most medical programs are not ranked or classified, the final award qualification will qualify the student as having passed the subject.

**How many years do you study a Medicine degree?**

Being a complex program and which requires much of research, the program will take 5 – 8 years for a student to complete the program and attain all the specific licenses needed to practice the course. In some countries, the program can take close to 10 years to be achieved.

Most postgraduate medicine qualifications would take 2 – 5 years to be achieved.

# Nursing

## Build an exciting and fulfilling career in nursing with globally marketable BSN and MSN courses from top-ranked universities.

Explore a variety of Nursing Courses at Top Universities across the world and open up exciting career opportunities where you can make a meaningful difference in someone's life every day!

- Gain clinical and scientific skills while learning about nurse management and leadership, community and patient education, and ethics.
- Explore a variety of specialisations in pediatrics, palliative care, gerontology, orthopedics, surgery, psychiatrics, neonatal, to name a few.
- Experience a wide scope of practice and approach to medical care as the backbone of the healthcare sector.
- Play an integral role in promoting health, preventing illness, and caring for all individuals.
- Learn to combine scientific thinking with a compassionate heart.

## Top Marketable Careers for Nursing Graduates

A nursing degree can open up pathways in critical, emergency, progressive and telehealth care through specialisations that range from working in hospitals, schools, government agencies, nursing homes and residential care communities. Some of the top nursing specialisations you could consider include;

### Nurse Practitioner

Nurse practitioners (NPs) provide care to patients throughout their lifespan, from premature newborns to the elderly. They provide advanced care that includes health promotion, health prevention, wellness and disease management, as well as diagnosis and treating acute, chronic, and episodic illness.

This broad pathway also includes performing physical examinations; diagnosing and treating common acute illnesses and injuries; providing immunizations; managing high blood pressure, diabetes, depression and other chronic health problems; ordering and interpreting diagnostic tests, prescribing medications and therapies; performing procedures; and educating and counseling patients and their families regarding healthy lifestyles and health care options.

In some rural or medically underserved areas, NPs are increasingly becoming the front line for patient care.

## Geriatric Nurse

Geriatric nurses look after elderly patients and ensure their quality of life is the best it can be. They are Registered Nurses who serve as primary and specialty health care providers under a physician. They are able to diagnose and manage their patients' often long-term and debilitating conditions and provide regular assessments to patients' family members.

As the baby boomer population ages, the demand for geriatric nurses has expanded. These nursing specialists work in a variety of settings, from nursing homes, with home healthcare services and in hospice facilities, or running their own private practice.

## Neonatal Nurse

This sub-specialty of nursing works with newborn infants at risk for complications and in need of specialized care. Neonatal nursing generally encompasses infants who experience problems shortly after birth, but it also encompasses care for infants who experience long-term problems related to their prematurity or illness after birth.

Neonatal nurses typically care for these infants until they leave the hospital but in some cases will provide care beyond the newborn phase.

## Surgical Nurse

Surgical care practitioners provide treatment in operating rooms, wards, and clinics. Within healthcare organizations, surgical care practitioners are well-established members of the surgery team.

They are trained to perform certain surgical procedures under appropriate supervision and within the scope of their practice. Their primary responsibilities include assisting surgeons and other professionals before, during, and after surgical procedures. Critical Care hiring managers prefer RNs with a BSN because they have the decisive critical-thinking skills required to succeed.

## Clinical Nurse

Clinical Nurse Specialists (CNS) hold a master's or doctoral degree in a specialized area of nursing practice. Their area of clinical expertise may be in: a population (e.g. pediatrics, geriatrics, women's health); a setting (e.g. critical care, emergency room); a disease or medical sub-specialty (e.g. diabetes, oncology); a type of care (e.g. psychiatric, rehabilitation); or a type of health problem (e.g. pain, wounds, stress).

Besides the conventional nursing responsibilities which focus upon helping patients to prevent or resolve illness, a CNS's scope of practice includes diagnosing and treating diseases, injuries and/or disabilities within their field of expertise, providing direct patient care, serving as expert consultants for nursing staffs, and are active in improving health care delivery systems.

## Orthopedic Nurse

An Orthopaedic Nurse Practitioner's work alongside patients with a variety of musculoskeletal conditions like joint replacements, muscle ailments and even arthritis. They oversee the patients' care, medical notes and exams from the time they are admitted to the time they are discharged.

These nurses also provide patient education and help prepare treatment plans. Specialized skills would include traction, neurovascular status monitoring, continuous passive motion therapy, casting, and care of patients with external fixation.

## Pediatric Nurse

This popular nursing specialty focuses on the healthcare needs of children from birth through adolescence. Depending on their level of training, pediatric nurses provide both primary and preventive healthcare, conduct physical exams, manage chronic and acute illnesses, perform diagnostic tests, and provide treatment plans. help children in a variety of settings. They also provide healthcare education to patients and families.

## Psychiatric Nurse

Psychiatric nurse practitioners provide consultation and care to patients suffering with mental health, behavioral health, and psychiatric disorders. In addition to administering medication and therapy, their duties include crisis intervention, mental health assessment and evaluation, and patient assistance.

It is the psychiatric nurse practitioner's responsibility to make an official diagnosis, develop a care plan, implement the plan, and continuously evaluate its effectiveness. When medication and psychotherapy are required, the nurse can prescribe them. With a growing population suffering from mental and emotional health issues, there's a demand for Psychiatric Nurse Practitioners, also known as PMHNP's, which is a Psychiatric Mental Health Nurse Practitioner.

## Anaesthetist Nurse

A nurse anesthetist is a special type of advanced practice registered nurse (APRN) who is certified and trained in administering anesthesia to patients. These APRNs also observe vital signs, make adjustments, and monitor patients during surgical procedures and in recovery. Nurse anesthetists work with patients of all ages in scheduled surgical operations or emergency procedures. Prior to surgery, they record patient histories and provide information about the types of anesthesia used in the procedure.

They can provide care in a variety of settings, including hospitals, physician's offices, rural and medically underserved areas and the military. They can also work in non-clinical settings as a teacher, researcher, or administrator.

## Midwife Nurse

Nurse midwives are APRNs who provide prenatal, family planning and obstetric care. Often, they serve as primary caregivers for women and their newborns. They can also be involved in general wellness care for new mothers and babies, providing education on nutrition and disease prevention. Employment for nurse midwives is expected to grow by 11 percent through 2030, according to the Bureau of Labor Statistics.

Advanced practice registered nurses who specialize in pregnancy, prenatal care, childbirth, and postpartum recovery can earn certification as nurse midwives. Nurse midwives care for patients from labor through delivery and provide postpartum assistance. While primarily focused on pregnancy care, these nurses may also offer general services for women, including gynecological reproductive and preventive healthcare.

## Research Nurse

Nurse researchers are scientists who study various aspects of health, illness, and health care. By designing and implementing scientific studies, they look for ways to improve health, healthcare services, and healthcare outcomes. They're known for posing questions, analysing data, conducting studies and more importantly, discovering new ways to navigate healthcare and illnesses.

They work in a variety of settings including hospitals and research laboratories, however many researchers teach in academic or clinical settings, and often write articles and research reports for nursing, medical, and other professional journals and publications. Often, you will begin your research career in positions such as research assistant, clinical data coordinator, and clinical research monitor.

While nurse researchers do not provide direct nursing care to patients, they perform important healthcare functions, focusing on topics that impact the field of nursing and save peoples' lives.

## Oncology Nurse

Oncology nurses are involved in many aspects of cancer diagnoses and treatment, from early detection to symptom management. They most often work in hospitals, but they can also be employed by home care organizations, specialty medical centers and ambulatory centers.

Oncology nurses care for patients receiving treatment for various stages of cancer. They typically specialize in subfields such as pediatric cancer, geriatric cancer, breast cancer, or hematology. These nurses administer chemotherapy, identify symptoms, and monitor progress. Oncology nurses also play a crucial role in creating a comfortable and supportive environment for cancer patients.

## Infection Control/Prevention Nurse

Infection control and prevention nurses identify, surveil, and manage infections, diseases, and viruses. Typically registered nurses, these professionals have filled a critical role during the COVID-19 pandemic, as healthcare systems need specialized workers to focus on patient case reporting and widespread infection prevention. They work at hospitals, clinics, and community health centers.

# Need help in deciding the best BSN and MSN course for yourself?

Check out the list of most popular questions around nursing programs

**What is Nursing?**

Nurses account for the majority of the healthcare workforce and play a critical role in ensuring the delivery of quality care, from a nurse assisting in the ER all the way up to a senior nurse administrator on a hospital's executive team. As a degree-trained medical expert you'll play a crucial role in the health and wellbeing of patients.

**What are the subjects needed to study Nursing?**

To get into a nursing degree, you generally need Biology and Chemistry, together with English and Mathematics. Some nursing schools may also specify that they'd like you to have previous experience in providing care, for example through part-time or voluntary work.

However, this depends on the specific university, which Craydel expert admission counsellors can guide you through.

**How many years do you study for a Nursing degree?**

1. Certified Nursing Assistant (CNA)(Diploma / Certificate - **4 to 12 weeks**
2. Licensed Practical Nurse / Licensed Vocational Nurse (LPN/LVN) – Diploma or Certificate - **12 to 18 months**
3. Associate Degree in Nursing – **2 years**
4. Bachelor of Science in Nursing – **4 years**
5. Master of Science in Nursing – **2 years (post-graduate)**
6. Doctor of Nursing Practice – **2 years (post-graduate)**

**What are the best courses for Nursing?**

There are numerous nursing specialisations and it would be beneficial to look into the demand for each in the country you would like to study and work in. However, at an undergraduate level, a **Bachelor of Science in Nursing (BSN)** is one that introduces an array of topics and is used as a foundation course that opens up possibilities for specialisation and various employment opportunities.

**What are the different careers in Nursing?**

Careers in nursing are vast but largely fall between 3 categories;

1. **Community and Family Nursing -** includes specialisations such as rural, school, family, home health and community health nurses

2. **Corporate, Leadership, and Administrative Nursing -** includes specialisations such as forensic, occupational health, legal, infection control, adult practitioner, clinical and charge nurses.

3. **Specialized Focus Nursing -** includes careers such as psychiatric, rehabilitation, neonatal, perinatal, geriatric, pediatric, women's health, oncology, cardiovascular, ER, trauma, critical care and obstetrics nurses.

For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Nursing Graduates" section above.

# Nutrition

## Build an exciting career in Nutrition with globally marketable courses from top-ranked universities.

Explore top Nutrition and Dietetics courses at leading Institutions globally and access exciting career opportunities integral to nutritional health and wellness.

- Gain knowledge on nutrition, microbiology, food safety and food preservation.
- Explore application of principles and concepts that promote optimum nutrition and dietetics practices.
- Investigate why eating certain foods affects the human body and the overall effect of food on human health.
- Achieve knowledge on the application of nutrition and dietetics across sciences.
- Contribute to related research in multiple sectors and impact human health.

## Top Marketable Careers for Nutrition And Dietetics Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential Nutrition And Dietetics, commercial Nutrition And Dietetics, or industrial Nutrition And Dietetics etc. Career options that open their gates for you after you get an online Nutrition And Dietetics degree or pursue a full time Nutrition And Dietetics degree course include-

### Food Market Analyst.

Food Market Analyst as a career blends the management and marketing of nutrition science aspects. Food market analysts support food brands in research and industry with know-how so as to make solid business decisions in manufacturing food items and marketing them. They for instance lead competition analysis procedures offer advice on product pricing and branding, as well as the nutritional composition of the same.

Food market analysts will also apply set and approved food manufacturing policies and requirements to ensure healthy products are released for consumption. For example, they will advise on aflatoxin levels. Fortification requirements, allergen warnings on products etc.

## Research Chefs

Research chefs are required in sectors requiring healthy eating trends which are evolving fast, they will distinguish food facts from hype and direct accordingly. They will assess people's response to diets emotionally and physically and they will be an asset in advising on restaurant menus and recipes. They will study popular recipes and improve on them to maintain high standards and customer loyalty.

Research chefs will apply food science and culinary arts skills as well as a passion for food to create tasty products that will not lose their taste even when produced in bulk for the masses. They will sample and analyze food for hotel chains, restaurants, food manufacturers and the general food and beverage industry.

## Nutrition Bloggers

Nutrition bloggers write blogs for people seeking healthy living information across multimedia platforms. Many nutrition graduates have created multiple income revenues from availing nutritional expertise to readers. People love reading about food just as much as they love food. Creating videos and blog posts that attract the reader as well as practical recipes with applicable steps from preparation to serving food is a real-time minefield.

Visually compelling food content is a guaranteed win and the bloggers use that. They will also offer tips and suggestions on food nuances and dietary gems handed down generations to the benefit of the readers. Nutrition bloggers will also be fundamental in the advertising of food brands in today's digital marketing landscape

## Fitness and Wellness Coordinators

Fitness and wellness coordinators have careers in hospitals, gyms and fitness centres, social and community centres. They will coordinate seminars, health drives, exercise sessions, contests, pageants and more exclusive events championing fitness. They mainly help people achieve health and fitness goals with tangible results. Fitness and wellness coordinators will coordinate schedules and resources while developing fitness programs and leading them, they will train staff and clients while ensuring topmost client safety. They will also ensure the facilities are clean and available for planned activities following the order of bookings to keep order and maximize efficiency.

## Dietetic Technicians

Dietetic Technicians will work alongside dietitian nutritionists in nursing care facilities, hospitals and even in-home care. They prepare nutritional plans to treat illness, promote health or prevent disease. They will provide customized menus to people needing specialized care from surgery or long term illnesses and ensure they meet their nutritional needs.

Dietetic technicians will compassionately guide their patients to fully restore health status through food, counselling sessions. They can provide direct nutritional therapy to clients and document their dietary intake for monitoring. They may develop, implement and recommend programs after evaluating clients' dietary requirements. In consultation with other healthcare professionals, they can apply restrictions and modifications to attain health and fitness for clients.

## Caterers

Caterers will use their nutritionist knowledge to craft delectable meals for their clients. They will cater for public and private events and parties and can advise their clients on the meals that get the best nutritional value. Catering allows you to offer niche services like gluten-free meals, ketogenic meal plans etc.

Caterers are responsible for storing and preparing food safely for events, they will cook and serve healthy meals at events while upholding all precautions against contamination and following public health guidelines. They will set up serving structures in collaboration with event planners and serve appealing meals.

## Personal Trainers

Personal trainers will apply their knowledge on metabolism and eating challenges coupled with a mind to serve humanity to guide people to optimum health. They will work with their clients or patients to achieve healthy bodies and sustainable yet healthy eating patterns and habits. Personal trainers are an asset to fitness conscious people and many A-listers and celebrities have personal trainers.

Personal trainers will create personalized workout programs and routines for muscle endurance, flexibility and cardio or any other clients' needs. They will recommend nutritionists for dietary direction. They will instruct clients on proper usage of gym equipment and monitor set fitness goals for guaranteed success.

## Registered Dietitian Nutritionist

Registered Dietitian Nutritionist career pathway will enable one to help people struggling with food choices, they will lead them to more nutritionally sane eating plans.

They will walk the healing journey with practical solutions for the best results. This career opens one to work in specialized areas like the post and prenatal nutrition, pediatric nutrition, palliative care nutrition and many more.

## Animal Nutritionist

Animal nutritionist is a career choice that will lead to fulfilling work in zoos, veterinary clinics, homes, private practice and the pet food industry. They study nutritional requirements for different animals and guide on their application to achieve health and balance in animal health.

Animal nutritionists are animal scientists with a speciality in formulating animal diets for specific animals. They will study the nutritional needs of animals based on age and breed, they will examine the nutritional value of the feed products. They may work in institutions of learning and research institutions. Their contribution is immensely felt especially by pet owners and livestock farmers.

## Sports nutritionist

Sports nutritionists' career pathway is vibrant now more than ever. Schools, colleges, rehabilitation centres, athletic clubs, food corporations, professional sports teams across disciplines as well as intermediate sports faculties are increasingly becoming aware of the importance of guiding athletes and sportspeople towards nutritional consciousness.

Sports nutritionists advise on menu development and create nutrition-rich meals, they offer nutritional counselling, provide nutritional education to teams and sports organizations. They use nutrition to advance professional sports careers and fitness. Most teams hire sports nutritionists with proficiency in kinesiology, exercise science, food science and dietetics, sports nutrition and nutrition.

# Need help in deciding the best Bachelors in Nutrition And Dietetics or Masters course for yourself?

Check out the list of most popular questions around Nutrition and Dietetics programs

**What is Nutrition?**

The study of how food and drinks affect our bodies with special regard to the essential nutrients necessary to support human health is known as Nutrition. It looks at the physiological and biochemical processes involved in nourishment and how substances in food provide energy or are converted into body tissues.

**What subjects are required to pursue Nutrition?**

A student has to take either Chemistry, biology or a food technology subject. Other core subjects would be English and mathematics at high school level. A second-class degree qualification at a relevant field would qualify for a master's admissionA student has to take either Chemistry, biology or a food technology subject.

Other core subjects would be English and mathematics at high school level. A second-class degree qualification at a relevant field would qualify for a master's admission

**How many years do you study a Nutrition degree?**

The program will take at least 3-4 years for a bachelor's degree to be complete. The program involves placement opportunities which would take up to a duration of 1 year.

For postgraduate programs, the duration would range from 12 - 24 months for a master's program.

# Psychology

## Build an exciting career in Psychology with globally marketable courses from top-ranked universities.

Mental health as a topic has come out of the negative stigma phase as people around the world are opening up to open up on their problems. Psychology courses and online psychology degrees have hence become a fascinating area of study as it takes you through a full-fledged course of understanding human behavior and reaction to a stimulus; in simple terms, understanding why we behave the way we behave, what makes us, us.

- Learn what shapes our personality and why people behave the way they do.
- Get experiential learning in your country or study abroad with Craydel's best psychology courses from various countries in the world.
- Understand yourself, and the people around you better.
- Learn what personality diversity is, stages of human development and explore the world beyond the subconscious.

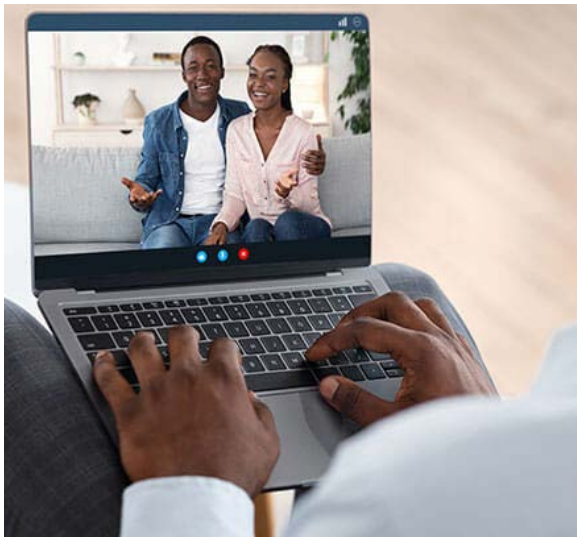
## Top Marketable Careers for Psychology Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential Psychology , commercial Psychology , or industrial Psychology etc. Career options that open their gates for you after you get an online Psychology degree or pursue a full time Psychology degree course include-

### Therapist

As the world starts to understand that a mind is a complex place, the need for professional therapists rises again. A therapist is an assistant who can help you with the convalescence stage of your mental health. Basically, a therapist helps their client process emotions, thoughts and decisions often by using methods like open conversation and reality-check.

A therapist has expert level communication and listening skills, along with critical thinking and most of all, empathy, which you nurture as you enroll yourself into a psychology course. The average salary of a therapist ranges from $89K to $110K per year.



## Outpatient Care Center Psychologist

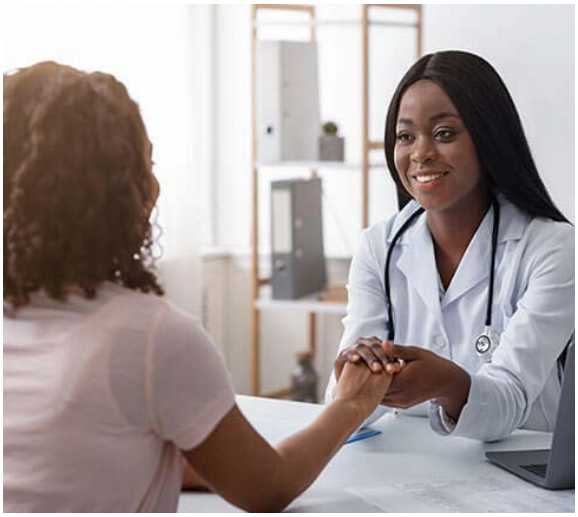
Psychologists who practice in an outpatient environment are responsible for a variety of jobs like screening patients for depression, completing psychiatric evaluations and diagnostic tests. Creating medication management strategies and counseling family members are

The job profile is similar to clinical psychologists but they handle patients suffering from disorders of an emotional and behavioral level outside of a hospital setting. The average salary of an outpatient care center psychologist ranges from $90K to $150K per year.

## Behavior analyst

A Behavior Analyst devotes his time to help individuals overcome debilitating physical and social disabilities, making the world a better place. The goal is to study and develop plans to improve or change certain aspects of human behavior.

Behavior analysis is an evidence driven therapy style focused on instilling proper social and behavioral habits in the patients. They work in a variety of settings, from hospitals and schools to government departments. The average salary of a behavior analyst or psychologist is $90K per year.



## Industrial-Organizational Psychologist

Industrial-organizational psychology is a very booming profile for graduates holding a BA or MA in psychology as businesses and firms these days need psychologists to make recommendations about best practices on employee morale, productivity of the firm, work culture as well as perform assessments.

The job profile is in demand as companies around the world continue to search for maximum efficiency from their employees as well as the products or services they release to the public. The average salary of an industrial-organizational therapist is $96K per year.

## Forensic and Criminal psychologist

While they have a common base and similar work environment, the two specializations differ when looked at deeply. Forensic psychologists work with judges, attorneys, crime victims, witnesses and other legal specialists to analyze the psychological aspects of individual cases. Criminal psychologists seek to understand the motivations of criminals and develop a psychological profile to understand or apprehend them.

On a broader perspective, forensic psychology involves the aftermath of the crime whereas criminal psychology is based on finding patterns from history and creating a profile of a potential suspect. Both the fields include either being part of a task force or working with the law and federal forces. Both of them often need bachelor, master or doctorate level criminal psychology degrees. Both the jobs have around $70-$80K average salary but are the most exciting and adventurous fields of psychology.

## Military psychologist

As the profile says, the work of a military psychologist is to help active military personnel and veterans have flourishing mental health or treat them from post traumatic disorders. They often work with the family members of the military members to assess and treat mental and behavioral health.

Military psychologists are often a part of military health bases and generally are ranked officers. So you get to work for your countries' military and make a direct impact on the lives of many military service members having post combat PTSD or a general mental health issue. The average salary of a military psychologist is $90K per year apart from additional benefits if you work for the force.

## Clinical psychologist

A clinical psychologist is not a psychiatrist who are medical doctors, or physicians, with a degree in medicine and they diagnose and treat illness through different strategies. Clinical psychologists study, diagnose and design treatment plans for clients with mental health challenges and might work directly with families in their home or at private facilities.The average salary of a clinical psychologist is around $97K per year but it definitely depends on the number of clients you get.

# Need help in deciding the best Bachelors in Psychology or Masters course for yourself?

Check out the list of most popular questions around Psychology programs

**What is Psychology?**

Psychology is the science of mind and behavior which includes study of conscious and unconscious phenomena, including emotions, mental health and thought processing.

**What are the subjects needed to study Psychology ?**

Social Psychology, Psychological Research and statistical methods, Biopsychology Development of Psychological Thoughts, Human Behaviour, Psychology of Individual Differences, Development Psychology and Psychological Disorders.

**How many years do you study for a Psychology degree?**

1. BA Psychology: **2-3 years**
2. MA Psychology: **2 years**
3. MSc in Crime, Justice and Psychology: **1 year**
4. Postgraduate Diploma in Psychology : **16 months-2 years**

**What are the best courses for Psychology?**

Most students start with BA/Bsc Psychology as it is highly popular to enter the world of psychology. You can then specialise in a particular specialization based on your career goals.

Like MA in Clinical psychology to become a clinical psychologist and master in counselling psychology to become a counsellor and so on. If you want to work with law and study the psychology of criminals and victims, criminal psychology is your way in.
Craydel's experts can help you choose the best course and university based on your career goals.

**What are the different careers in Psychology?**

Therapist, psychologist, psychiatrist (need medical degree), outpatient care center psychologist, I/O psychologist, military psychologist, clinical psychologist, sports psychologist, criminal psychologist, Behavioral counselor, Health project coordinator, Psychiatric technician.

For an indepth look into some of the most popular specialisations, check out our "Top career pathways with Psychology courses" section.

**Why study psychology at Craydel?**

Are you interested in being a full time psychologist or want to learn human behaviour via psychology courses online? If you're not sure about which course to take or if you are a fit candidate for a university or a country you want to get a psychology degree from, Craydel is here to help with our expertise in guiding students and professionals around the world seeking career guidance.

Our career match assessment test is skillfully designed to fully explore the careers you can excel in and our pundits at work will guide you into choosing from the best psychology courses or a diploma in psychology online that is best for business when it comes to your needs and requirements.

The first step before understanding human behaviour and working as a professional is trying to understand who you are and what your capabilities are and how you can exploit those to excel in a career, and Craydel has amenities to help you understand that.

# Physiotherapy

## Build an exciting and fulfilling career in physiotherapy with globally marketable bachelor and master courses in physiotherapy from world-class universities.

Physiotherapy (also known as physical therapy in some countries) helps someone who is affected by injury, illness, or disability by treatment to restore, maintain, and make the most of a patient's mobility, function, and well-being. It is said that a physiotherapist has the brain of a scientist, the heart of a humanist, and the hands of an artist. Physiotherapy is a rapidly growing field in healthcare, with demands increasing as the world population seeks healthier bodies and quality of life.

- Learn assessment, diagnosis, and treatment of movement dysfunction, physical disorder, disability, healing & pain from trauma & disease, and how to pinpoint an injury's root causes.
- Understand Neurological, Neuromusculoskeletal, Cardiovascular, and Respiratory aspects of bodily malfunctions and gain skills to improve a range of conditions.
- Enhance your interpersonal, communication, observational, organisational, and team working skills along with improving your physical health and fitness, enabling yourself for global placement opportunities with Craydel's carefully picked courses suiting your needs and budget.
- Gain proficiency in subjects including physiology, psychology, basic nursing, pathology, sociology, biomechanics, exercise therapy, pharmacology, and general medicine, enabling you to get a basic knowledge of multiple areas of health sectors.

## Top Marketable Careers for Physiotherapy Course Graduates

There are various sections of the construction world where you can choose to specialize into, like residential Psychology , commercial Psychology , or industrial Psychology etc. Career options that open their gates for you after you get an online Psychology degree or pursue a full time Psychology degree course include-

### Physiotherapist

Technically, a graduate holding a Bachelor's degree in physiotherapy is called a physiotherapist, and hence it is more of a generic term and there are various types of physiotherapists based on the section of health or other industries they are working in.

Also known as Physical therapists, they are experts in diagnosing physical abnormalities, restoring physical function and mobility to improve movement, and managing pain. The work environment may vary from recreational and rehab facilities to industrial organisations and special schools. Apart from helping the ill or injured cope up and come back into shape, Physical therapists also work on providing preventive care techniques to their patients. Reduction and management of pain and exercise is a physiotherapist's forte.

Physical therapists are experts in diagnosing which therapy their patient needs and use of equipment, tools, and gadgets(like using specialist techniques such as electrotherapy and ultrasound) that can be used to ease or diagnose the cause of pain while in therapy or rehab, along with using hands-on therapy exercises and stretching manoeuvres. Collecting patient statistics and writing reports is also a part of the job. Depending on where you get your degree from, licences are needed to practise physical therapy in various work environments.

## Sports Physiotherapist

Sports physiotherapy is another career path within physiotherapy committed to the diagnosis, prevention, treatment, and rehabilitation of injuries related to sports and exercise at all levels of ability and ages. They have high competency in providing advice and training to carry out safe participation in sports. A sports physiotherapist is expected to work and show his skills independent of the sport. From a player running a marathon to a table tennis athlete, these experts work with all areas of sports and exercise. They are often hired for a longer run by a team or an individual athlete to improve performance and development along with helping out to remove the pain during an ongoing game or race.

A master's or PG certificate in Sports Physiotherapy is often the best way to become a full-time sports physiotherapist. They are often asked to improve the strength and mechanics of other parts of the body which are required in a particular type of sport, for example, football needs strength and muscles in the legs. As a part of the management and sports team, they also provide realistic timescales for the return to the sport of an individual.

## Clinical Researcher

Physiotherapy has a very subtle yet very crucial role in the fields of clinical research. Although with developments of various technologies and advancements in nanotechnology and biotechnology, we have come very far in the anatomical perspective, physiologically, some processes in the human body are still complex and tangled, and scientist and clinical research teams work on finding and developing treatment methods. Since physiotherapy is an evidence-based treatment, it highly relies on quality-controlled research and clinical reasoning.

Clinical research in physiotherapy has grown rapidly in the past decade. With new diseases like covid-19 spread and new anomalies showing up, physiotherapy needs to find newer methods to help patients cope up in the recovery period. Individuals who are interested in research and development fields should definitely try getting into a clinical research team after gaining some experience in physiotherapy, possibly with a terminal degree in hand.

## Acupuncturist

Acupuncture is believed to be an application of traditional chinese medicine, as the world develops from conventional acupuncture to acupressure and modern methods like laser and electro acupuncture, the career path has become an important part of western medicine. Acupuncture is an integral part of physiotherapy to manage pain, muscle inflammation and general wellbeing. The day to day job of an acupuncturist includes treating patients with various tools like needles, cups, pellets and other supplements focused on the acupuncture points. Along with this, acupuncturists also diagnose the patient's problem and provide herbal treatments. Analysing and monitoring progress of an individual patient is also part of the role.

Acupuncturists are often seen working in private clinics, but as the demand for better healthcare continues to grow, the job opportunity in environments like hospitals, fertility clinics, spa and sports injury treatment centres. Demonstration of compassion, analytical and communication skills while having the knowledge of laws and regulations, and a strong interest in alternative medicine are seen in successful acupuncturists. An accreditation of an acupuncturist along with a bachelor's degree in physiotherapy or a master's degree that specialises in acupuncture are suggested course paths to enter the field.

## Fitness Trainer And Instructor

A fitness trainer and instructor provides fitness and stalwartness guidance to assist their clients to improve their physical condition and well-being. They create and assign tailored fitness and wellness plans, exercise routines based on the individual or a group of individuals' physical needs. Monitoring their progress and changing plans comes as a latter part of the role. The job profile also includes demonstrating exercise routines, choreographing, and teaching exercise classes.

There are job profiles that are considered as sub-fields of fitness training like a gym trainer and a personal trainer. Fitness trainers often open up their gyms and lead, instruct, and motivate their clients for exercises, cardio, strength training, and stretching. A personal trainer, as the name suggests, works more on an individual basis and often provides psychological and emotional support as well as physical training to the client. You can get into these profiles with a diploma in Sports science or a bachelorette in Sports and Fitness Studies.

## Miscellaneous

Physiotherapists often choose to have expertise in a particular area of the body. Orthopaedic physiotherapy-(skeletal system like a spine), cardio-respiratory physiotherapists(working on respiratory issues, like problems caused during and post covid-19 recovery), geriatrics physiotherapy, pelvic floor physiotherapy, cardiovascular physiotherapy, and neuro physiotherapy are some examples. Some physiotherapists specialise in certain conditions or a group like paediatric physiotherapists and post-operative physiotherapists.

Graduates holding a BSc/MSc in physiotherapy or a relevant degree in physiotherapy, and who have a passion for teaching often go back to universities to teach students, helping the future of physiotherapy grow even more. Physiotherapy is flexible, lucrative, highly in-demand, and works on improving people's lives. Craydel provides carefully cherry-picked numerous courses like BSc Physiotherapy or Bachelor of Physiotherapy and our experts can help you choose which career path would be most suitable or help you get into the top-notch physiotherapy schools in the world.

# Dentistry

## Build an exciting and fulfilling career in dentistry with globally marketable bachelor's and master's dentistry courses from world-class universities.

It is said that Dentists make the world a better place, one smile at a time. Dentistry is the diagnosis, medicament, and anticipation of conditions, disorders, and diseases of the teeth, gums, and mouth. Apart from MBBS, Dentistry stands as the most par excellence medical course and has courses ranging from certifications to masters. There are a few dental schools that provide a combined dental degree and course maybe 6 years long. In a dentistry course:

- Master the medical knowledge by learning from top-class professors via lectures and case studies in the areas like general medicine, oral anatomy, and histology, dental hygiene and practise emergencies, periodontics, pharmacology, etc.
- Enhance your critical thinking skills, people and communication skills, better judgement, networking, and organisational skills with topflight universities and colleges from across the world at Craydel.
- Attain high-level manual dexterity with experiential learning in dental schools with clinical experience while having supervised hands-on with dental examinations, orthodontics, and anaesthesia.
- Consult expert admission counsellors at Craydel to choose from multiple budget-friendly BDS and MDS courses in dentistry courses providing global job placements, along with options to study abroad.

## Top Marketable Careers for Dentistry Course Graduates

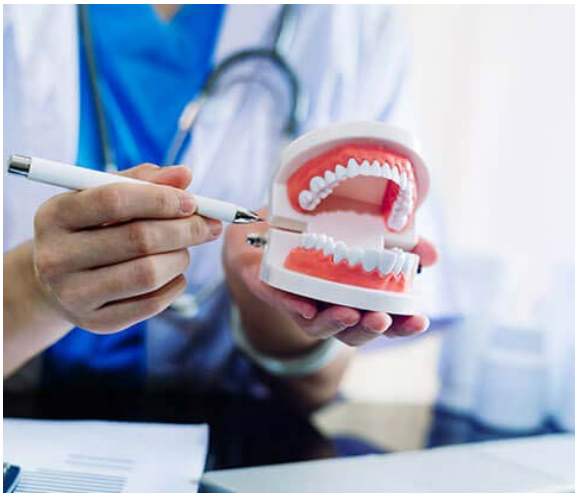
Dentistry, along with other medical practises, requires a few years of supervised hands-on experience for a freshly graduated student. The dentistry field of work is one of the highly-paid professions for fresh graduates but it comes with responsibility and a lot of competition. Around the world, based on countries where you want to study and pursue a career in Dentistry, there are different names for different or similar courses. While European countries have BDS (Bachelor of Dental Surgery), US universities often present students with degrees like DDS(Doctor of Dental Surgery) and DMD (Doctor of Medicine in Dentistry or Doctor of Dental Medicine). Ultimately, your skills and the way you treat your patients will have you excel in the career you choose after a dentistry degree, some of which are:

### Dentist- Clinical Practise

Once you complete a Dentistry course, you will have sufficient knowledge and skills to become a general dentist. A Dentist has oral diagnostic, surgical, predictive, and rehabilitative skills to treat his patient. General dentistry allows you to practise and gain experience in all areas and aspects of the dental kingdom. Performing dental procedures such as extractions, root canals, and filling cavities of different patients will be your day-to-day job. Medication prescriptions, preventive measures, discussing dental concerns and regular cleanings of various patients are also a part of the job profile. You can start this profession with a dental degree and a state licence issued by the government of the country where you get your degree from.

Other job roles like Dental assistants, Dental technicians, and hygienists accord constant support to the dentist. Also, a clinic typically has multiple dentists working together and almost all countries need you to have a dental licence to perform the procedures. So you will be working with multiple dentists or own a clinic yourself as you gain experience. Many fresh graduates start their career as assistants or supervised practises on real-time patients to gain practical experience, which is very crucial to learn the field and face challenges. Working on different patients in different specialities of dentistry helps you get a broader aspect of the subject so you can choose where you should specialise in the future.

## Dental Educator and Researcher



Many countries face a shortage of dental faculties, which is why dental teaching jobs are in high demand. Dental graduates with a passion for teaching can acquire the power to shape the future of the dentistry profession. Being a professor in a dental school keeps you updated with the current advances in dentistry. Apart from the tutoring chores like developing and designing curriculum plans to foster student learning, grading and preparing tests, and conducting practical labs, a dental academician also reviews developments and new technologies in their universities and also oversees patient care in their affiliated clinics.

Although becoming a professor often requires a Ph.D. or any other terminal degree in the area, you can start with a master's and some on-field experience as an assistant professor in your tenure. The teaching profession enables your path into research and you can also adapt to full-time research in the area of your interest down the line. Since the field of research is very specific yet very broad, a dental researcher may expand his venture abroad in international institutes. Many Pharmaceutical and companies focusing on R&D in oral health hire dentists as associates to participate in various studies. Teaching and research roles in dentistry also leverage higher pay compared to multiple other medical streams.

## Dental Hygienist

When you book an appointment with a dentist in a clinic for regular checkups, the person you're meeting first is a dental hygienist, who is a professional who works on preventive measures and treating oral diseases. Their work includes teeth cleaning, examining patients, and preventive dental care, which also includes teaching patients the ways to improve their oral health. Hygienists also take X-rays of your mouth, provide patients a fluoride rinse, and apply sealants to the teeth to fend off cavities.

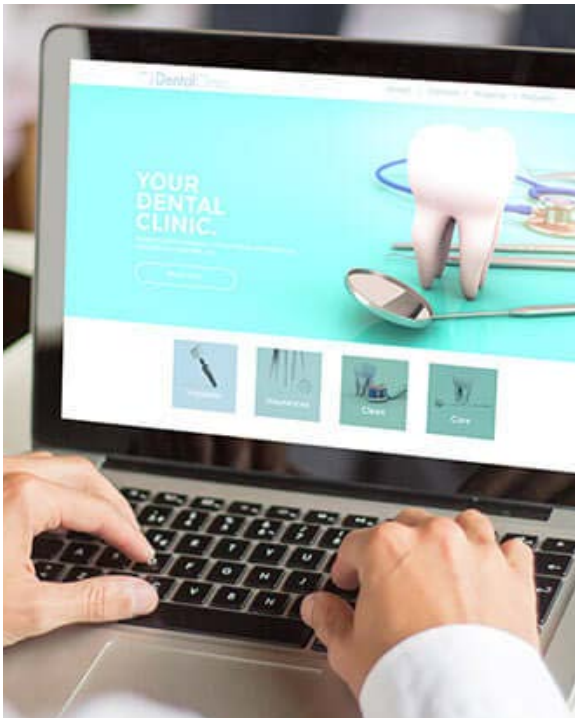
Their job profile also includes diagnosing the disease of a patient and transferring them to a dentist or a dental surgeon specialised to treat the particular oral defect or disease.

This saves up a lot of time for a person who will be performing the dental surgery or treatment procedure. An associate degree or a bachelor's degree in dental hygiene, which provides skills to deliver administrative, therapeutic, research, clinical, and educational services, is sufficient to play the role of a hygienist in a team of dentists. Just like any other dentist, a hygienist also requires a licence in dental hygiene to perform oral procedures.

## Dental Product Developer

Dental product development is a part of the research profile but is focused on technological aspects rather than biological ones. Dental tech Industries focus on rectifying existing products to enhance performance or development and testing of new dental technologies embarking on the demand for advanced user-friendly consumer products, technical equipment, and tools. These industries hire expert dentists to work on these improvements and developments which often takes years of research, along with scientists and engineers.

Your role as a Dental Product Developer is to provide valuable insights as an oral anatomy expert along with someone who understands the concerns of a patient or a dentist who will be using the product. A role of a dentist in product development is also to test the prototype on human subjects which involves a review from an institutional review board.



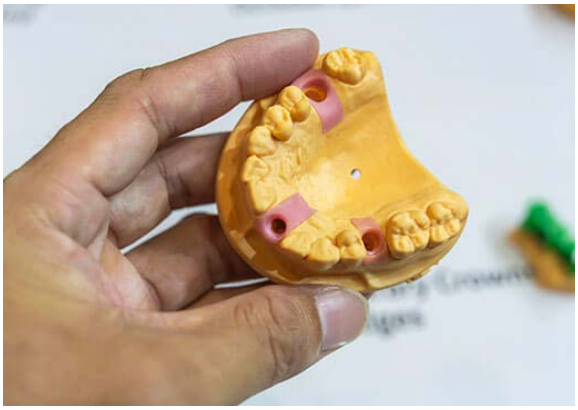

## Dentistry in Public Health

Graduates and experts who thrive to deliver something for the betterment of society and seek to deliver their services via government and public sector become public health dentists. From serving a military veteran or an army officer to working with organisations like WHO and UNESCO, dentists are needed and have been continuously delivering their services for public health.

Apart from benefits like non-taxable income, you can also prepare to study or begin your residency in a particular field while working for public health. A Public health dentist does everything a clinical dentist would do. In their tenure in the public sector, Public health dentists also get to be part of oral disease research and disease surveillance being conducted by a government-funded research group.

## Forensic Odontologist

A Forensic Odontologist works with law enforcers and the justice department to provide services like finding and examining dental evidence or identification of a person based on their dental records. It also includes proper evaluation and presentation of dental findings for legal investigations. The branch has been growing rapidly as we discover more and more crimes, calamities, and accidents where dental remains are the only evidence. The job profile also includes identifying the source of a bite wound on a subject.



BDS, MDS, DDS, DMD, or any dental degree holder, after obtaining skills like criminal investigation techniques and evidence handling, can become a Forensic Odontologist.

The academic path may include a bachelor's degree like DDS or BDS degree along with an MDS or MSc in Forensic Odontology. Career path may start as an associate to a lead investigator in an investigation.

## Miscellaneous

A job of a dentist is very broad and dentists often go with masters or a terminal degree in one of the dental specialities which include the likes of Endodontics, Periodontics, Orthodontics, Prosthodontics, Oral and Maxillofacial Surgery, and radiology and Paediatric Dentistry, each depending on either the area of mouth they master to provide treatment for or the age group they handle. Other areas include specialisations in oral medicine, administrative dentistry, and even the booming areas like nanotechnology, applications of which are being used to develop better dental instrumentations and studies.

Even though a dental degree would provide you with a path into the world of dentistry, it can be hard trying to choose whether to open your clinic or work with a team. You might also get confused about whether to study in your country or choose to study abroad. We at Craydel are here to help you with our services like career match assessment tests and professional and academic advice from expert counsellors from around the world, who can suggest you an academic path for a career of your choice or a career path that you can excel at.

## Need help in deciding the best Bachelors in Dentistry or Masters course for yourself?

Check out the list of most popular questions around Dentistry programs

**What subjects are required to pursue Dentistry?**

Biology is the core subject. Mathematics, Chemistry or physics will be required as a second compulsory subject to get admissions into the course.

A bachelors degree in relation to biology will be considered for a postgraduate degree.

For a postgraduate degree in the field, a qualification in the field will be required. Working experience in the field would also be an added advantage.

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For a postgraduate degree in the field, a qualification in the field will be required. Working experience in the field would also be an added advantage.

**How many years do you study a dentistry degree?**

A bachelors degree will take 5 – 6 years to be completed. Depending with the student's educational background. Some institutions require students to take mandatory work placements for them to be issued with the practicing licenses.

A postgraduate education level will take at least 24 – 48 months upon completion of the qualification.

# Biochemistry

## Build an exciting and fulfilling career in biochemistry with globally marketable BSc and MSc courses in biochemistry from world-class universities.

Biological chemistry is the study of chemical processes within and relating to living organisms. It is basically the application of chemistry principles to the study of biological processes at the cellular & molecular level. As said by Nobel prise winner and Israeli biologist Aaron Ciechanover; Biochemistry is the science of life. All our life processes – walking, talking, moving, feeding – are essentially chemical reactions. So biochemistry is actually the chemistry of life, and it's supremely interesting.

- Learn the three major subfields of biochemistry i.e structural biology, enzymology, and metabolism while learning in-depth details about carbohydrates, lipids, proteins, and nucleic acids.
- Improve on your elementary skills like analytical, communication and presentation, interpersonal, observation skills, research, and data analysis along with the mathematical, medical, scientific, query, and basic software skills.
- Gain experiential learning by studying and working with the best biochemist and molecular biology professors from various universities, enabling yourself with global placement opportunities.
- Develop the pivotal technical competency and practical skills required to become a scientist in areas that include healthcare, industry, and research

## Top Marketable Careers for Biochemistry Course Graduates

Being a sub-discipline of both biology and chemistry, biochemistry opens the gates to a plethora of career paths. Sectors like food, agriculture, education, and health require biochemists but the scope of work for any graduate with a BSc in biochemistry or an MSc in biochemistry depends on their individual skill development in a particular specialisation and the course and university they graduated from. Typical employers of biochemistry graduates include the environment agency, government departments, private firms, and pharmaceutical companies. Here are a few career paths:

### Biochemist

Biochemist is a broad term for a BSc, MSc, and Ph.D. degree holder in biochemistry. They carry out research, conduct, plan and perform experiments, and record information to better our understanding of biological processes of organisms and humans while alive and after death and even in-between. They may also act as a supervisor of a team of researchers and help them design facilities or work with the equipment, and use software applications to compile and analyse information.

As a researcher, a biochemist may work on health issues like HIV, cancer, infections, and genetic disorders, to provide a solution or a prolonging remedy. They are often hired by pharmaceutical companies to develop new drugs and treatments, all while complying with safety and quality controls. A bachelor's degree like a BSc in biochemistry can help you land entry-level roles like a lab assistant or lab associate, for independent research, biochemistry enthusiasts continue learning up to a terminal degree and gain experience.

## Analytical Chemist

Analytical chemists play a huge role in our day-to-day lives as they work in all kinds of industries and various fields of chemistry, applying their knowledge about chemicals, the mathematics it contains along with computational processes, and instrumentation. They investigate the chemical composition of substances, to identify and analyse each substance and how it behaves in different settings or environments. From process development to setting error limits during the quantitative and qualitative analysis, the role of an analytical chemist is crucial.

The said analysis includes sampling, defining, isolating, concentrating, and preserving samples of products from various industries like drugs and food to determine their quality and interpreting the data with appropriate context. With the growing technology, employers find analytical chemists who are masters of sophisticated designs and equipment used to get things done faster and efficiently. The career path profile is very demanding and one of the best ways to kickstart your biochemist career.

## Pharmacologist

A Pharmacologist investigates the effects and working of medicines and drugs on our biological system. Before a medicine reaches a pharmacy store, it is the duty of a Pharmacologist to run experiments and tests of the medicine and redeem it fit for use by the public. There are two subfields in the job profile, pharmacodynamics where you study the effect of drugs on the cellular level or what drugs do to the body, and pharmacokinetics, where you analyse the absorption and excretion of drugs on the molecular level or what the body does to the drug.

As a pharmacologist, you get to study and help the development of new and better medicines. Unlike pharmacists, you won't interact with the patients but would be working in specialised areas like neuropharmacology, chemotherapy, and veterinary pharmacology in pharmaceutical companies to medical research for government and public sector organisations and universities. A BSc in biochemistry or an equivalent degree with a major in Pharmacology can easily pave a path in this career.

## Food Scientist

Food scientists work in the agriculture sector, studying, analysing, and developing methods to improve the productivity, cost-reducing manufacturing processes, or sustainability of crops and livestock. They also work on the improvement of food quality and packaging while ensuring food products entering the supply chain comply with safety standards is also part of the career path.

Food scientists can specialise in a subfield, such as soil, plants, or livestock. Administrative roles like recording and condensing research data, independent laboratory testing, and updating and maintaining MRP systems are included in the day-to-day task of a food scientist. A bachelor's degree in biochemistry with a specialisation in food engineering or a master's degree in it can help you crack the door into the field. An important skill that is developed and needed is the ability to use internal and external sources to make technical scientific advances.

## Forensic Scientist

Forensics is one of the best careers in law enforcement. The day to day responsibility of a Forensic Scientist is to collect possible evidence from crime scenes and use analytical, computational, and scientific techniques to examine it and prepare legal statements that summarise the results. The profession includes visiting crime scenes, coming back to laboratories to investigate and make some sense out of the samples you collected like hairs and blood along with non-biological substances like textile fibres, paint, glass, explosives, and drugs. They also need to be adaptable to new technological advancements.

Forensic Scientists are in high demand and they play a very crucial role in law, by using their skills and technology which are one of the most important parts of solving crimes. Due to a critical role, the average salary of Forensic scientists is also higher than other career paths. Typical employers include private investigation agencies, defence, law enforcement agencies like police, government sector jobs. A typical academic path for a Forensic scientist is a bachelor of science in biochemistry and a master's degree focusing on forensics.

## Toxicologist

Toxicologists work to enhance & develop methodologies that determine the potential risk levels and biological effects of substances like drugs, chemicals, agents, radiation, and other substances that humans interact with. They are also known for determining the dosage of a drug or a treatment a person should take and potential side effects. They investigate toxic materials and how they can affect the environment and living organisms.

The typical day to day activities includes planning, designing, and executing controlled experiments and trials to manage laboratories, and writing reports, reviews, and papers. A Subfield of toxicology includes investigating the presence and distribution of xenobiotics(chemical substances that shouldn't be there inside the body) as part of an autopsy. Toxicologists are required to be both theoretically and practically skilled, hired by employers like forensic laboratories working for the law, pharmaceuticals, and various chemical companies.

## Miscellaneous

Career paths for a biochemistry graduate don't end there. Getting a master's in biomedical engineering can land you multiple career paths as a biomedical engineer(developing new devices and equipment for enhancement of healthcare). Other job profiles include medical lab technologist, academic roles like a high school teacher or a university biochemistry professor, and a science journalist. Trending technologies like biotechnology and nanotechnology are attracting a lot of biochemists and have a great number of career opportunities for their skill set as well.

There are innumerable courses and many universities across the world which are training biochemists who can and will change the future. Craydel and our team of expert admission counsellors work with these universities and provide equal opportunity to students and professionals around the world to study abroad or in their country and gain quality education in biochemistry. If you can't choose which course and university to go with, whether to learn from an online biochemistry degree or join in-person classes or if you are confused with which among the surplus amount of career paths in biochemistry to kickstart your career in, we are here to help. Our career match assessment test allows students to discover their hidden potential which can help them excel in a career.

## Biomedical Scientist

A biomedical scientist carries out a range of laboratory experiments and scientific tests on samples of body fluids and body tissue to help analyse and develop therapeutic solutions, strategies, and better diagnostic tools for diseases. Along with molecular and biochemical techniques, they use concepts like clinical chemistry, electrophysiology techniques, genetic engineering, and modification along with working on technologies like MRI, PET, X-ray, DNA sequencer, etc. With the growth in computer technology, biomedical scientists also target and leverage bioinformatics and computational biology in their investigations.

The scope of work of a biomedical scientist varies with the disease or particular area they are working on, which includes the likes of infection sciences, blood sciences, genetics, and molecular pathology. Administrative tasks like managing and ordering stocks of samples and equipment, maintaining accurate records, and writing medical reports are also part of the profession. With a Ph.D. in biochemistry or biomedical science and some experience, you can easily get a lucrative career in employment sections like clinical pathology and blood & transplant labs along with universities and pharmaceutical manufacturers. Clinical Research (Biochemistry) is a similar profession that focuses only on chemicals (both natural and unnatural) in blood, urine, and other body fluids.

# Need help in deciding the best Bachelors in Biochemistry or Masters course for yourself?

Check out the list of most popular questions around Biochemistry programs

**What subjects are required to pursue Biochemistry?**

Biology and chemistry are the core subjects needed. English and mathematics at high school level will also be an entry subject to consider.

A related bachelors degree in the life sciences field, medicine or physical sciences will be considered for a master's admissions criteria.

**How many years do you study a Biochemistry degree?**

A bachelors degree will take at least 3 – 5 years on average of which some programs are also sandwiched with placement. For a postgraduate program in the area, the duration will range from 12 – 36 months on average.

# Public Health

## Build an exciting and fulfilling career in public health with globally marketable bachelor and master courses in public health from world-class universities.

It is said that when it comes to public health, there is no 'them', only 'us'. Public health is a field of science that works on protecting and improving the health of people and their communities, focusing on enhancing health and quality of life on a global level. Public health professionals use the current sciences and public policies to work on not just an individual but on global level healthcare and safety from epidemics, food poisoning, and other health threats. Graduates of BSc and MSc Public Health of different countries have great accomplishments which are not just limited to the prevention and elimination of infectious diseases.

- Learn how the conditions and environment in the places where different kinds of populations live, learn, work, grow, and play affect their health and wellbeing.
- Understand how to foster better health through education, research, and encouragement of best wellness practises and healthier lifestyle choices with Craydel's courses and entitle yourself to global placement opportunities,
- Enhance your communication, teamwork, interpersonal, and problem-solving skills along with sharpening up your work ethic, flexibility, and positive attitude while practising health-enhancing behaviours and applying a scientific mindset.
- Gain technical in-depth skills and knowledge about nutrition, epidemiology, biostatistics, population health, determinants of health, endorsing health policies, and engaging in educational programmes.

## Top Marketable Careers for Public Health Graduates

Public health profession especially suits healthcare aspirants with passions outside of clinical medicine. The career path has a variety of options and ranges such as working in anthropology, health education, or epidemiology. Studies show that the demand for public health experts is going to increase in the next decade. Since the area of study is very extensive, students often tend to focus their studies on a particular area while pursuing master's degrees. And their professional life can focus on studying and analysing statistics to educate and run health campaigns. The scope of their work can range from an individual to the entire earth. Some of the career paths include:

### Biostatistician and Health Informatics

Biostatistics and health informatics provide several opportunities to the public health experts to facilitate quantitative research by using models to track the health of a population and identify trends. Biostatisticians are involved in survey research, clinical trials, genome projects(statistical aspects and investigation of genetic data), and longitudinal data evaluation focused on determining the effect of geography on health and risk factors. Health informatics is a similar multidisciplinary field of information engineering applied to the field of health care, essentially the management and use of patient

healthcare information. Since healthcare systems have enormous data and are gaining fast momentum, health informatics combines medicine, information science, and computer science.

A bachelor's degree in Public health with a specialisation in biostatistics can open the door for you to get into biostatistics, but to go up the ladder in this field and work on complex things requires an MSc or Ph.D. in biostatistics or statistics is often suggested. Biostatisticians have excellent career prospects in academia, pharmaceutical companies, the business sector as well as government. The need for qualified biostatisticians and health informatics scientists is rapidly growing and the average pay is very high compared to other professions in public health as the skills needed and time spent on the job are very delicate and complex. As public health experts, biostatisticians apply their knowledge to collect and analyse data to improve ongoing public health programmes and identify problems if any.

## Epidemiologist

With sudden outbreaks like the Spanish-flu, covid-19, and swine-flu, there is a dire need for specialists to investigate the root cause, the people or areas who are at risk, come up with solutions and ideas to stop and control the spread, and most of all, prevent it from happening again. Epidemiologists monitor the spread of diseases and work to understand their causes aiming to develop solutions and put a pause on the spread. Apart from working in researching the outbreak or injury, they also work as public health workers and educate people about the diseases and health policy.

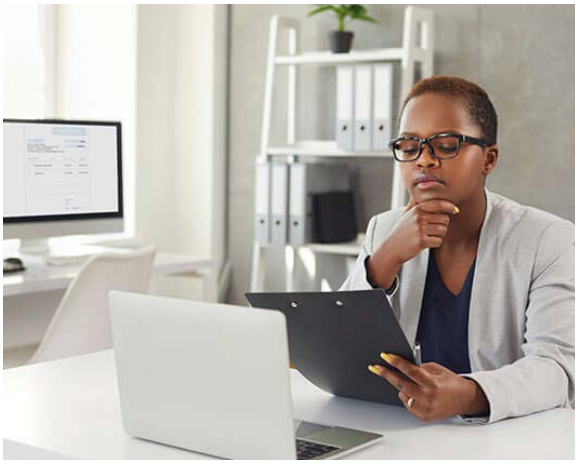
Epidemiologists are known as disease detectives. They study how the previous disease or a health problem was resolved through statistical analysis and field research. Apart from this, they work with other scientists on never-seen-before diseases and try to figure out a health plan and a treatment for them. They are highly in demand and they will just grow as the world keeps meeting new diseases and outbreaks without any warning. Since the role is critical, epidemiologists are highly skilled and often have experience in chemical labs and research projects with doctorate degrees. They are often employed by government agencies such as state health departments or the Department of Health of the country as the role is focused more on public affairs.

## Environmental Health Scientist

Environmental health scientist (also known as environmental health specialist) is a public health professional that endeavours to learn about how the environment affects people with the ultimate goal of promoting healthier lives. These include working on areas like pollution, global warming and global climate change, air quality, and electromagnetic fields. As the policies regarding waste generation and pollution become sterner, businesses and organisations continue to consult environmental health experts for solutions. These specialists also teach the public about potential health risks present in the environment and how the normal public can contribute to a healthier lifestyle.

The job description includes inspection of facilities, researching the consequences of potential environmental hazards, understanding trends via epidemiology to develop policies and provide feedback to industries, especially focusing on preventive safety measures. They are often hired by federal, state, public health, or local governments but these days, many private firms and laboratories hire them due to their exceptional expertise in the area. A master's degree in public health with environmental health as a specialisation will easily get into the field of work. To supplement your course, it is recommended that you participate in internships to gain real-time experience.

## Community Health Specialist



Community health specialists look at public health from a more comprehensive and holistic perspective. The basic job description includes researching and connecting with communities focusing on public health benefits, public education and guidance to both urban and rural populations, strategic planning and development of health policies and their enforcements to tackle a disease or a health issue in a locality. While other work profiles in public health try to create an impact globally, community health specialists work with one(or more) community at a time and aid in providing healthcare information. Their role is to ensure that everyone knows how, why, and where they can get healthcare services. Excellence in communication skills is essential for a community health specialist to perform their work. Being multi-linguistic would help you work with other communities in the world, enabling global work opportunities.

A bachelor's or a master's degree in public health specialised in community health is a perfect way to get into community health. Job profiles like healthcare administrator, health educator, and community health worker are subfields or other names for a community health specialist Entry-level career pathways can be acquired by completing a year-long certification programme or an associate degree in community health.

## Health Policy Analyst

Health Policy analysts are professionals who perform research, report findings, and manage health care policies and programmes while also interpreting health policies for organisations. They play an important role in making the public health system function on a global level even though they are often hired by the governments of the countries. They work with economists and political leaders in the healthcare of the country they are working in, to develop health policies by analysing collected data and improvising when a change is needed, making sure the government-made policies are beneficial to public health and safety.

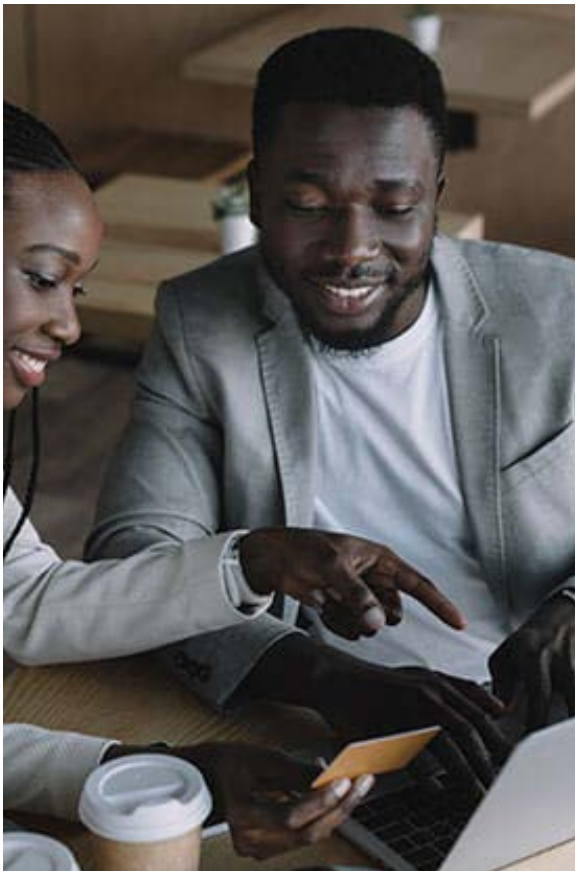
Managing databases, working on health budgets with government officials, analysing proposals, and assessing if policy targets have been met is also part of the role of a health policy analyst. A BSc in public health graduate should choose an MPH in Global Health or an associate degree in health policy to get into this line of work. Political changes and a huge health crisis like covid-19 might need changes in health and healthcare policies, like deregulation of the supply chain of healthcare and socialising the cost of containment for communicable diseases, which has been already implemented in new health policies of many countries after the widespread.

## Emergency Manager

A key skill that is taught by many schools and universities providing different types of diplomas to post-graduate or terminal degrees is project management, which is crucial in emergency management. The field has a set of responsibilities from executive positions who work on the field to directorial ones. The primary focus is to assess hazards and develop plans to respond to disasters while also minimising the risk to the public during a disaster and other emergencies like a widespread disease.

Emergency management directors work with officials from the government and NGOs before(creating preventive measures and disaster planning) and after the disaster to help the quality of healthier life get back on track. A master's degree in emergency management or public health with sufficient years of experience in public administration or management jobs in public health is an acceptable tenure to become an emergency management director. It and computer skills are also favourable skills that can help you land a job in this field. Disaster relief technicians may have to work in calamity-prone areas, which in turn allows travel opportunities even on an international scale as well as high income.

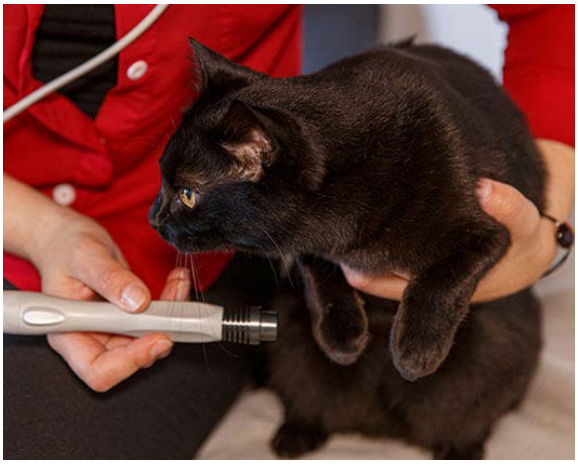
## Miscellaneous



Public health follows a venture with a bedrock motto- health for all and all for health. The scope of public health travels to various sections of health care, creating a plethora of career opportunities. Apart from the above listed, there are other career options like social and behavioural scientist (who identify high-risk behaviours or trends in a specific population and propose solutions to improve quality of life from a health perspective), health and safety engineers(working to provide design system to avoid injury or sickness), public health attorney(professional lawyers to devise policies, set regulations and pass laws concerning public health standards), global health educator, NGO aid worker and many more.

Craydel is working with expert admission counsellors and universities across the world to enable students and professionals who want to get into various fields of public health, to get the correct education according to the career path of their choice. Choosing among various courses or whether or not to study abroad can be tricky, our career assessment tests can help you get an idaea of where you can excel.

# Animal Physiotherapist



An animal physiotherapist or a veterinary physiotherapist is an essential part of the medical and surgical team working on the treatment of animals. They work with vet surgeons to help reduce pain, restore, improve and maintain mobility of animals and pets. From small zoo pets to horses, animal physiotherapists are experts in understanding the physiology and anatomy of animals.

Animal physiotherapists are also experts in ultrasound, electrotherapy, exercise and also provide owner education and advice. They have high interpretive skills and understanding of pet physics as animals and pets can't say things like where it hurts. They facilitate post-surgical rehabilitation and often work on injuries to muscles, ligaments, and tendons. You can pave a path into animal physiotherapy even with a BSc in physiotherapy degree but it is often suggested to follow it up with a postgraduate degree in veterinary or animal physiotherapy.

# Sports Science

## Build an exciting and fulfilling career in the sports science industry with globally marketable sports science courses from world-class universities.

Sports science courses haven't been much talked about until the last quarter of the 20th century and once the world got to understand the importance of fitness and the ambit of the area of study, the field of study and the career options related to it have been in great demand. Sports sciences study human manoeuvre and exercise and the health benefits that arise from practising physical activity, aiming at maximising performance and endurance while reducing the risk of injury.

- Individuals having a diploma or bachelor's degree in sports sciences have expert-level knowledge in human physiology, kinesiology, biomechanics, psychology, nutrition along with business skills.
- Enhance your analytical skills, communication skills, judgement capability, attention to detail, decision-making skills, and ability to instruct others.
- Enable yourself for global placement opportunities in sports, health, recreation, sales, etc industries by attaining the multidisciplinary sports science diploma and bachelor courses from top-ranked schools around the world.
- Tackle our biggest health challenges while working with elite athletes as a sports science specialist by learning from professionals as well as attaining the awareness of body health.

## Top Marketable Careers for Sport Science Course Graduates

In recent years, there has been a tremendous investment by industries and governments of various countries into sports science and hence the career opportunities are in abundance. Apart from this, sports science is really a broad subject covering multiple disciplines and hence enables you into different kinds of career pathways based on what you specialise in or where you want to carry forward as a professional. From the sports industry to the world of psychology, there are many career paths as sports science consolidates various sciences as an integrated discipline. Some of the career options in multiple career paths include:

### Fitness Trainer And Instructor

A fitness trainer and instructor provides fitness and stalwartness guidance to assist their clients to improve their physical condition and well-being. They create and assign tailored fitness and wellness plans, exercise routines based on the individual or a group of individuals' physical needs. Monitoring their progress and changing plans comes as a latter part of the role. The job profile also includes demonstrating exercise routines, choreographing, and teaching exercise classes.

There are job profiles that are considered as sub-fields of fitness training like a gym trainer and a personal trainer. Fitness trainers often open up their gyms and lead, instruct, and motivate their clients for exercises, cardio, strength training, and stretching. A personal trainer, as the name suggests, works more on an individual basis and often provides psychological and emotional support as well as physical training to the client. You can get into these profiles with a diploma in Sports science or a bachelorette in Sports and Fitness Studies.

## Sports Psychologist

It's said that sports are 10% physical and 10% mental. A sports psychologist works on improving the mental state of an athlete via visualisation and relaxation techniques, coping up with the pressure of the game, or psychological stress that may come from peer pressure. Cognitive restructuring and working on the confidence of the athlete is also part of the job. Sports psychologists also help a sportsperson recover from an injury mentally.

Sports psychologists are often part of the coaching team to help the individual or the team create mental plans before the game or a race. The goal is to provide the team or the athlete the confidence to focus on the game and not the results. Sports psychologists are often required to have knowledge in physiology and kinesiology, aligned with prowess in psychology. You can choose the game you're interested in or work with various athletes, coaches, and referees during your tenure as a sports psychologist. An academic path may include a diploma in sports science and for better credibility, a bachelor's in psychology.

## Physical Therapist

Physical therapists are experts in diagnosing physical abnormalities, restoring physical function and mobility with a goal to improve movement and manage pain. The work environment may vary from recreational and rehab facilities to sports and fitness settings. Apart from helping the ill or injured cope up and come back into shape, Physical therapists also work on providing preventive care techniques to their patients.

Physical therapists are experts in diagnosing which therapy their patient needs and use of equipment, tools, and gadgets that can be used to ease the pain while in therapy or rehab, along with using hands-on therapy exercises and stretching manoeuvres. A physical therapist career path needs a degree in physical therapy, but a diploma in sports science is exactly what suits the prerequisites. Depending on where you get your degree from, licences are needed to practise physical therapy in various work environments.

## Professional Sports Coach

A sports coach works on helping a professional athlete or a team to achieve the full potential and use it to win games and medals and cups. They may work with sports teams and school groups. Assessing the strengths and weaknesses of both the person or team and their opponents, providing critique feedback while motivating the team or the individual, and evaluating performance are some of the basic tasks of the job profile. Coaches often need to provide input in between a game and hence they have high critical thinking and analytical skills.

The role of a coach in a team or for an individual also includes developing new techniques, working on fitness, and avoiding sports injuries, both physical and mental. Many coaches are retired or experienced athletes so your career path may start with becoming an athlete first, which is another pathway a graduate of sports science may choose. You start as an assistant coach and work your way up the chain as a chief coach. The work environment includes playing fields and gyms.

## Physical Education Teacher

Physical education teachers(also known as Phys Ed coaches or PE teachers) work in a school environment to provide students with knowledge and guidance regarding sports, physical development, health, and nutrition. Their job is to teach basic skills, techniques, and rules regarding sports while promoting a healthier life. They often are allowed to create their own syllabi while adhering to school guidelines and conducting engaging exercise-based learning.

Apart from evaluating the student's performance, attitude, and level of physical fitness, the profession comes with tasks like planning annual sports events and carnivals, both on school and regional levels, in which they are often required to act as coaches for their students or team. They are also incharge of the maintenance of school gyms and playgrounds. An individual with a diploma or bachelorette in sports science with a passion for teaching should take up this career path. Some schools might require you to have a degree in education.

## Sports Nutritionist

Sports nutritionists provide counselling to athletes on nutritional regimes and develop a dietary plan to optimise and enhance their performance as a sportsperson. Based on the sports or the area where the athlete is playing, they are required to develop more centric nutritional goals to repair or build muscles and tendons. They might also work with fitness enthusiasts, sports teams, school athletes, and sports models for nutritional advisory. They have high critical thinking skills and the ability to adapt as they are often required to change or customise plans depending on the individual.

They also perform body composition tests on their clients for better assessment and development of nutrition plans to improve the stamina and endurance of the athlete on the field. A diploma in sports science and a bachelor's degree in sports nutrition is one of the most common academic paths to becoming a sports nutritionist.

## Sports Manager

Sports science also expands its roots into the business and management sector. Sports managers oversee comprehensive athlete activities and work on getting funds that's needed to ensure a team's or individual's ongoing success. As a manager, their tasks involve HR responsibilities including signing a new athlete to the team or firing someone along with management responsibilities like providing resources for the comfort of the team or an individual client.

A sports manager also works in accounts and marketing departments which includes planning the budgets and acting as a PR or a spokesperson on behalf of a team. The role has tremendous opportunities and different kinds of roles to fulfil and hence has a high pay. An academic path would be a bachelor's in sports science with a master's degree in sports management.

## Miscellaneous

The mentioned career paths are a few among the many disciplines of sports science. With more specific degrees, you can work as a Physician Assistant, Athletic Scout, Sports Marketer, Strength And Conditioning Coach, Fitness Tech Engineer, Chiropractor, Aerobics Instructor, and even become a Professional Athlete. There are multiple roles in the media industry that fit a sports science graduate like sports editor and sports reporter.

If you are aiming to have a career in the sports and fitness industry and are confused with which career path to choose or which course to take up, consult us at Craydel. As well said by Michael Jordan, Some people want it to happen, some people wish it to happen, others make it happen. Our goal at Craydel is to provide the world with sports scientists that can help make a positive and healthier change in the world of the sports and health industry.

## Need help in deciding the best Bachelors in Sport Science or Masters course for yourself?

Check out the list of most popular questions around Sport Science programs

**What subjects are required to pursue sports science?**

Biology, Human Biology, Chemistry, Physics, Mathematics, Psychology or Physical Education are the required subject areas considered for entry into a bachelor's degree. A postgraduate degree in the same field will also be considered.

**How many years do you study a sports science degree?**

A bachelors degree on average takes 3 – 5 years depending on the education institutions have passed through. Most programs in the field include a work placement enabling the students to get a feel of how the job is done. For a postgraduate degree, a total of 12 – 24 months will be taken to achieve the qualification.

# History, Law and Politics

Criminology

History

Law

Military Science

Political Science

Public Policy

Public Administration

# Law

## Build an exciting career in law with globally marketable LLB and LLM courses from top-ranked universities.

The collateral part of studying **law courses** is to be aware of one's rights and to be sensitive to those of others. An **LLB degree** or taking the **best law courses** is not just a part of the courtroom and endorse justice, law is practically a part of our daily lives and its social aspects. –

- Global leaders and statesmen like Mahatma Gandhi, Satya Nadela, and Barack Obama are all who studied law, which is one of the oldest and highly regarded degrees.
- Attain the comprehension of legal matters and theories, policies, and case studies.
- Corporate law courses also provide you with skills like understanding of contemporary business, politics, sociology, and ethics/morality.
- Enroll yourself into highly reputed law schools with specializations like Civil law, Tax law, Criminal law, etc. in your country or abroad with Craydel

## Top Marketable Careers for Law Course Graduates

Law professionals are now needed in almost every section of the unstable world. With various specializations like an LLM degree, LLB degree, business law degree, and international law degree, gates to various career paths open up:

### Criminal Lawyer

Criminology is one of the most widely incorporated and very important specialization paths for LLB and LLM degree aspirants, where offenses against the society or state are dealt with. Investigations, interrogations, and interviewing clients and witnesses are all part of the job. You prepare a defense and argue your client's case in front of the judge and jury.

Correlating findings and reviewing evidence requires investigative and deductive skills. You can fight your client's case from local court to supreme court with proper channels. Depending on the severity of the case and your client, becoming a defense attorney also brings in a handy amount of money with experience, along with helping people get the justice they deserve. Did you know that an average US defense attorney earns around $80K per year?

## Corporate Lawyer

Becoming a corporate counsel is one of the most attractive fields for business law course graduates and law professionals across the globe. The main role in the job profile is to help a firm or a set of firms to comply with the rules and regulations of their sector while forming the organisation, along with protecting them and providing legal services during a corporate dispute as well as to the staff on a longer run.

Government legislation, bargaining arrangements, patents, contracts, and land rights related laws are often required to be mastered as a corporate lawyer. Along with this, budgeting, financial accounting skills, and the ability to evaluate and interpret problems as well as draft legal opinions are preferred by employers. Depending on how big your organisation is, your salary may vary. The average salary of a corporate lawyer in the US is around $150K per year.

## Judicial Services

Being a judge is a highly responsible and decisive role as the judge presides over court proceedings and gives the final verdict on a case. Judges have duties both inside and outside the courtroom. From educating the jury about a case to proof admissibility and inquiring witnesses, a judge functions on various levels to provide justice to the guilty and the innocent.

There are various paths to becoming a judge and it often depends on the country you're in after you complete a law course. An LLB degree and a considerable amount of experience as a magistrate is often a prerequisite. A judge is a highly respected profession and you get an opportunity to shape the law to have a better judiciary system. The average base salary of a state judge in the US is around $80K per year, but there are a lot of other perks depending on which country and place comes under your jurisdiction.

## Civil Law

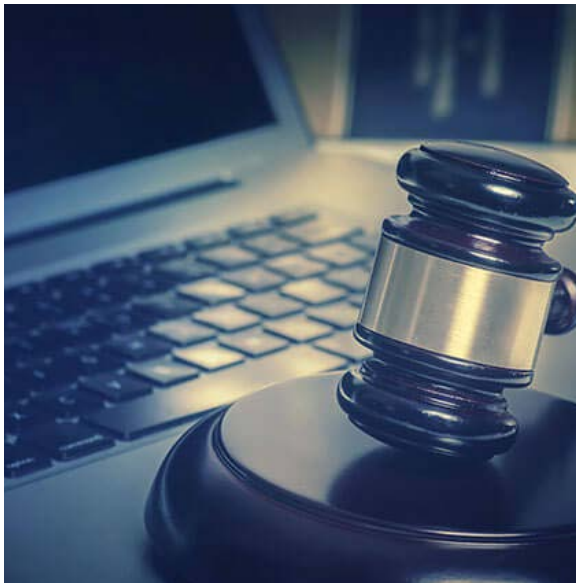
A civil lawyer or litigator deals with non-criminal cases and legal disputes. From defaming or harm suits to handling mortgages, a civil lawyer has a variety of shoes to fill in and hence is a very demanding job as the roots of it are spread across the legal network.

Becoming a highly reputed civil lawyer needs you to have knowledge about family and divorce law, corporate law, personal injury law, employment, and property law as well as environmental law. Due to the diverse nature of this profession, you need a high conflict resolution sense. The average salary of a civil litigator in the USA is $100K per year.

## Cyber Law

With a lot of firms in the world being practically running and built on the internet or definitely using one of its services in their daily tasks, cyber crime is increasing as cyberspace keeps growing. Cyber lawyers are law experts who serve as agents to deal with areas like data protection and privacy and intellectual properties. Advising and scrutinizing correct infrastructure and channels for e-commercing is in high demand.

You can get a diploma or bachelor in cyber law course and can work as a legal cyber advisor. Cyber lawyers are often freelancing agents who can work for an organisation, business, or the government as well. The average salary of a cyber lawyer in the USA is $100K per year.



## International Lawyer

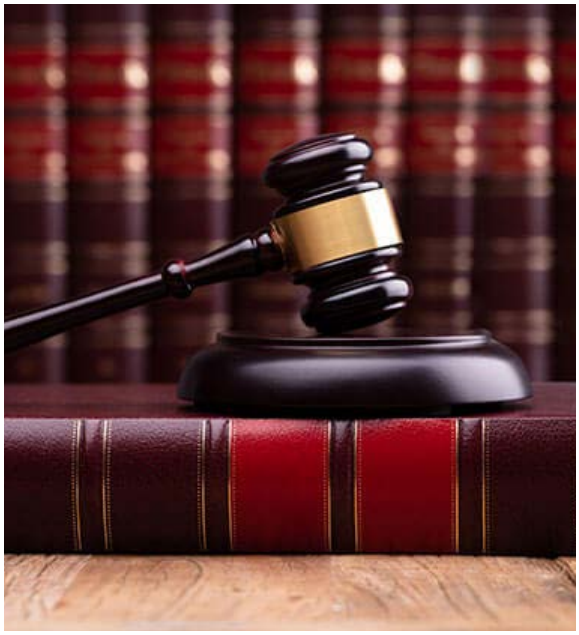
International law is what binds the treaties, rules, and agreements between countries. There are three majors that you can build your forte in while getting an international law degree i.e private (between private entities), public(between a country and international entities), and supranational law(dispute between two sovereign nations).

As an International lawyer, your job profile consists of challenging but stimulating roles. In addition to the course, you will need skills in a comparative approach, critical thinking, and analytical reasoning. Being multilingual gives you the edge as your clients might be registered in other countries. The average salary of an International lawyer in the USA is $139K per year.

## Legal Publishing and Journalism

Legal journalism is severely underrated yet a very exciting career to get into. After an LLB degree, many lawyers nowadays choose to work for the press and media, including new channels or newspaper companies. Their main role is to attend court hearings and provide the right information to the public via media and hence play an important role.

Your job profile will also include debating and discussing legal issues on a media platform as you gain experience. Becoming a legal journalist requires writing and communication skills as you have to constantly deliver the right information to the common public. The average salary of a Legal journalist in the USA is around $86K per year.



## Business lawyer

An LLB or LLM degree holder can choose to become a business lawyer if you have a knack for the business world. You will provide legal advice in nearly all aspects of a business, being an important factor to help a small business proliferate to excellence by helping them with the bureaucratic processes that their business model has to go through.

Having knowledge about income tax, real estate tax, estate tax and franchises can give you the edge to get more clients. Your profile can also include reviewing contracts, partnership agreements, overlooking staff manuals, and enforcing policies.

## Human rights lawyer

Choosing to become a human rights lawyer after a law course gives you the platform to play at the vanguard as a legal counsel to fight for the victims of human rights violation. Your duty will be to ensure that the basic human rights are safeguarded and defended for those who have been desecrated from them, including women, children, LGBTQ rights, indigenous groups, etc.

It sounds basic but a human rights lawyer needs to have a lot of knowledge, experience, and practical foresight. Although most Human rights lawyers tend to do private practice, their importance has been recognized by the world over the decades and there are firms who hire human rights lawyers as well. The average salary of a Human rights lawyer is around $98K per year.

## Need help in deciding the best LLB & LLM course for yourself?

Check out the list of most popular questions around law programs

**What is Law?**

Law, from a broader perspective, is the art and science of justice. A system of rules created and enforced through social or governmental institutions to regulate behavior or action of humans in society. Law consists of Justice, reason, order, and righteous morality  from the viewpoint of the society.

**What are the subjects needed to study Law?**

Helpful subjects at undergraduate level include Literature, History, Politics, English and Maths along with Public Speaking, Social Studies and a Science in your highschool education. At a postgraduate level, there are few universities who let a non-law graduate or a non-LLB to apply for an LLM course.

However, this depends on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for a Law degree?**

1. Bachelor of law (LLB): **3 years**
2. Master of law (LLM): **2 years**
3. BA in Criminology: **4 years**

**What are the best courses for Law?**

An LLB at undergraduate level and an LLM at masters level are the most preferred courses among students who want to pursue a career in law.

Specialised courses like an MA in Law, Policy and Practice, BBA LLB, Bsc LLB, legal research course, Environmental Law, First Amendment Law...etc are provided by a variety of universities and can get you into a career of your choice. Pursuing a masters in Criminal Law and criminology can open career paths like a defense lawyer or a public prosecutor.

**What are the different careers in Law?**

Different countries have different law career paths but all of them require you to clear a bar exam which gives you the certificate of practice.

Careers like corporate lawyer, business lawyer and international lawyer are focused on businesses and organizations. A cyber lawyer focuses on cyber crime and legal issues whereas environmental and human rights lawyers work on making the society better with a social cause.

There are two main types of lawyers in criminal law: attorney and prosecutor, which deal with criminal cases while a civil lawyer works on non-criminal legal issues.

Although you can switch careers in law after you pass the bar exam for the same, choosing a career can be a tough decision. For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Law Graduates" section above.

**How can Craydel help me find the best Law courses?**

Craydel has become a platform for individuals figuring out their success in a law career. If you don't have an idea about a career, our career match assessment tests help you explore yourself.

There are often business professionals who want to study law and become a part of the legal team in their organisation, Craydel helps them choose the best and most feasible law degree online or a full-time business law course. Our career experts aim to provide you with multiple options suitable for your budget and choice of the course you want to pursue with an aim to pull out the best out of you as a future law professional.

# Criminology

## Build an exciting and fulfilling career in criminology with globally marketable BSc and MSc courses in criminology from world-class universities.

Criminology, in simple terms, is a scientific study of crime. Criminologists study various aspects involving and associated with a crime like its causes, implications, control, reduction, and prevention. From fictional characters like Sherlock Holmes solving crimes to studying real-life criminals like Al Capone, criminology has been a part of civil society in one way or the other for ages. Bachelor's and master's courses in criminology aim at stimulating your deductive reasoning skills and understanding crime by reasoning all the five Ws.d

- Pursuing a major in criminology allows an individual to develop creative thinking skills when pinning down patterns in criminal behaviour, statistical skills, and research skills including experience in field research and field methods.
- Grasp the knowledge in various hot topics like human behaviour, criminal history and theories, citizen security, human rights, and the legal system while getting introduced to fundamental and philosophical foundations of criminal justice.
- Bachelor of Science in criminology often involves areas like crime analysis along with the biological, psychological and social impact of crime and criminals while Master of Science in criminology courses generally focus and provide specialisation on a subject which is part of the extensive field.
- Learn the crime-focused amalgamation of sociology and psychology, putting you in the queue for one of the most exciting and well-paid careers in the world, while making the world a better place.
- Subjects such as criminal behaviour analysis. fingerprinting, or ballistics analysis while applying their data collection and critical thinking skills.

## Top Marketable Careers for Criminology Graduates

Criminology majors attract employers from multiple sections, including those which lie outside the criminal justice area, giving them a plethora of career opportunities. As the crime rate increases across the world, the career paths widen up for a person holding a bachelor\'s and/or a master\'s degree with a criminology major. This includes studying criminology and pursuing careers abroad. Graduates with a criminology degree can work in environments ranging from prisons and courtrooms to non-profit social service organisations. Many criminology major holders get personal satisfaction and feel rewarded by indulging themselves in solving or helping people in real-life, real-time social issues. Here are a few of the many career paths you can choose:

### Criminologist


Nowadays, a criminology degree holder can be proclaimed as a Criminologist. Criminologist as an occupation is most popular among fresh graduates as well as veterans in the field Criminologists examine all aspects of crime by collecting and analysing qualitative and quantitative data surrounding a crime. Their day-to-day works are ultimately intended to reduce and prevent crime as well as bring down recidivism (the tendency of

a convicted criminal to reoffend). They put the use of your attention to detail, research, observation, and communication skills to draw conclusions while often collaborating with different agencies and law forces to work on multi-dimensional projects.

Sociology or psychology are A-levels subjects that may help your application while applying to different universities across the globe. Criminologists usually don't work at crime scenes. They rather gather statistics, identify crime patterns and its aetiology while looking at types of crimes as well as demographics and locations. They are hence called crime scientists. With growing technology, criminologists also use software packages for scrutinising crime, usually with GIS systems to locate an area of study, as well as use for predictive crime analysis. There is no single reason behind why a person would commit a crime, which makes the criminologist role very demanding and competitive.

## Forensic Psychologist

Forensic psychologists apply and use psychology to the criminal justice system including performing competency evaluations and threat assessments. Day-to-day work as a forensic psychologist revolves around the assessment and treatment of criminal behaviour. Apart from acting as a counsellor to victims, they also evaluate the competency of the accused to stand and go through the trial and evaluate the credibility of witnesses. Experienced forensic psychologists are also asked to review and assess potential jurors. Some countries also make use of their skills in the screening and evaluation processes of candidates applying to high-level law enforcement and other government jobs.

Potential learning path to grasp all areas of forensic psychology would be starting with a bachelor's degree in psychology and a masters in criminology. Various universities provide doctoral degrees in forensic psychology as well. A good forensic psychologist is resilient and shows their people skills to build trust with the accused or offender party. The competition for the career path is fierce on all levels. To build a repo and to provide to the community, passionate forensic psychologists often work as volunteers with different organisations. They have to work with all kinds of offenders, from juvenile and violent to offenders with personality disorders. This also means that apart from a higher pay for this career path, probably the highest in some countries, their benefits packages are also lucrative.

## Criminal Profiler

Criminal Profilers are also known as criminal investigative analysts and are in great demand in this era, where criminal minds have become as complex as they could get. From answering questions like whether this is the first crime committed by the perpetrator to identifying their common behaviours and traits, criminal profilers are a significant part of a criminal investigation. They also try to untangle the emotions and personalities of suspected criminal offenders before, during, and after they have committed a crime, in order to predict their next move and pursue them. Criminal profilers are very helpful when very little or nothing is known about the suspect.

## Criminology Professor

Individuals who attain deeper knowledge in criminology and are interested in providing that knowledge to future criminologists become criminology professors. Many professors complete Ph.D. programs with majors in criminology to build a tenure. They conduct classes for criminal justice, criminal psychology, sociology, corrections, and law enforcement administration in the universities they are working at. Their workplace is generally confined to classrooms but they also indirectly help professionals by publishing journals on the research they are conducting.

College professors who are able to provide quality education to their students are always in high demand, especially when the work culture is becoming hybrid and remote with online platforms., which in turn also brings in competition. While Criminology professors' core goal is to cultivate, develop and distribute knowledge, sometimes, they are also called upon as consultants in criminal cases and may testify at trials as experts in some matters.

## Detective

A detective is a more generic profile that protrudes into various sections and areas like homicide, police, cybercrime, CID, and narcotics. The ultimate goal is to solve crimes, apprehend criminals, and help maintain peace in the community. Having a criminology major in your hand gives you an undeniable advantage in this career path, as you get to learn how criminal minds may think and predict the suspects' moves during an investigation.

Detectives are also responsible to examine evidence and clues left on clime scenes, interview witnesses during investigations, and prosecuting suspects. Based on which area you specialise in, the work environments and the way of working may differ. Generic employers are state, federal or local agencies. The world needs better detectives to help prevent crime and apprehend criminals and bring justice to the victims, making the pathway demanding and challenging. Private investigators or private detectives are detectives who work solely for an individual, lawyers, and business organisations and may be involved in work like surveillance and research. They typically work at Private detective firms, and private businesses and often collaborate with police departments.

## Correctional Officer

Also known as corrections officers, correctional officers are responsible for overseeing and supervising prison inmates who are awaiting trial or serving a sentence. They also work on assisting their rehabilitation while enforcing rules and regulations in prison. It is also the responsibility of the correctional officer to conduct patrols in the prison and screen visitors of the inmates
The day-to-day work is physically and mentally demanding and they are constantly involved with prisoner's life inside the prison. They are hired on local, state, and federal levels. A BSc or MSc criminology major could use their knowledge of criminal psychology to understand prisoners' state of mind and help them rehabilitate into society quicker.

## Probation Officer

Probation officers work with people who are sentenced or have been released on probation. They work personally with them to help them get back into society while making sure they attend appointments and group programmes. Probation officers also consider and assess the chances of recidivism of those who are out on probation. They often join forces with prison services, government, law enforcers, and community agencies to provide collective and stragezised assistance. They are also in touch with the court in case someone breaks parole.

Having a bachelor's or master's in Criminology will make someone a great probation officer as understanding criminal psychology is the crux behind helping an offender re-introduce themselves to civilization. Employers seek individuals who can be calm in stressful situations and keep an open mind. Many probation officers have a master's degree in criminal justice. Joining national-level agencies and federal prison require experience in the field.

## Miscellaneous

A degree in criminology is your ticket to the criminal justice and law enforcement system. There are numerous career paths with exciting and lucrative job profiles. Crime scene investigators are responsible for collecting all kinds of data which can become evidence from a crime scene. Majors in criminology may also choose to become jury consultants who select potential jurors for court cases. In the law department, loss prevention officer is another career path for people interested in resolving and preventing theft. Many world-renowned lawyers are criminology majors. You can also use a master's in criminology to improve as a forensic scientist. And the list goes on. While almost all careers related to criminal studies secure and provide reasonably competitive salaries and benefits, the key to joining any of the professions is self-satisfaction in making the world a better place to live in and being excited to work with the law while acknowledging the risk involved.

# Military Science

## Build an exciting and fulfilling career in criminology with a globally marketable bachelor of science and master of science courses in military sciences from world-class universities.

Ever wonder how people in the military are so versatile on various things? Military forces are very important to a nation and military sciences are the crux behind providing knowledge and in-depth expertise to create tangible problem solving for military needs.
In the words of Aleksandr Solzhenitsyn, in military science there is a principle more important than forward: it is that the task should be proportionate to the means. Military sciences develop, plan, design, rectify and redefine various concepts and techniques to make military operations flawless and efficient. Many universities across the world provide more specialised courses like military history, military leadership, military ethics, etc.

- Learn how to research, flourish and construct military theories, practices, equipment, strategies, and technologies while understanding military organisations, analysis of security threats as well as the art of warfare.
- Become an intellect in many subjects including psychology, engineering, strategy and tactics making, logistics technology, electronics, history, and philosophy related to military services and execution
- Improve your resource management and planning skills, leadership skills, executive abilities, professional ethics, and of course military skills with both practical and theoretical classes in BSc and MSc courses in military sciences.
- Apply what you learn in real-time with experimental and task-based learning as military sciences use descriptive theory based on analysing situations where the factors and environment variables are unknown, making it a more practical approach towards executing military services as well as common civilian duties.
- The usually low cost and interdisciplinary nature of bachelor's and master's degrees in military sciences make these attractive options for students and often pay off with lucrative career prospects, both in military training and outside of it.

## Top Marketable Careers for Military Science Graduates

While some countries provide the course with different names and forms, the fundamental focus is to create a platoon of soldiers who are skilled in various technologies and techniques to help make the nation secure. With the information revolution trending in the 21st century, common citizens are bound to be a part of warfare one way or the other. While you can get into exciting fields like military intelligence, international relations, and geopolitical and geostrategic developments, the feeling of contribution to national service is itself satisfactory. Here are a few career pathways you can opt for after getting a BA/BSc in military sciences or MA/MSc in military sciences degree.

## Military Science Instructor

Military science instructors are responsible for teaching and training military science to students and cadets in the army. They have knowledge of all military training and field training analysis and evaluation while having leadership and tactical skills. They train army cadets and troops on how to read a map, navigation, and marksmanship while conducting drills on war-like situations with and without weapons.

They also teach and instruct experienced officers during developmental phases, helping all of them grow in their careers. Typically, they are employed by the military to instruct platoons in the same branch which they might have served in the past.

## Air Force Scientist

As the name of the career suggests, these professionals are experts in physics or chemistry or any other field and use their knowledge to research and serve as a consultant on scientific problems that impact the Air force. These scientists also develop technologies to help the air force of a nation become better at carrying out their operations.

Some countries do require you to pass a certain qualification test to become a scientist, but a bachelor's or master's in military science is the perfect course to graduate with before applying as they have certain benchmarks. Technologies like unmanned aircraft and autonomous UCAVs are some of the many establishments achieved by these scientists across the globe.

## Military Intelligence Officer

Apart from the brute force of the various armed forces, a nation has to build upon intelligence capabilities to meet military needs at the crux. From gaining information on the size, capabilities, disposition, and plans of other countries armed forces to developing and executing plans and policies across the military spectrum, military intelligence officers are experts in a variety of disciplines and act as a crucial part of the military forces of a country

They are also responsible to analyse threat projections to assist commanders in decision making. They research different kinds of data gathering and analysis of data and provide a tactical advantage to the military along with combat operations. The demand for capable military intelligence officers is increasing every day, especially in these times of increased conflict between neighbouring nations across the world

## Military Engineer

Military engineers are the pillars that support the military with state-of-the-art technology and equipment. They work on designing and building military infrastructures for military bases, combat zones, and military-occupied areas. They are hence responsible for the logistics behind military tactics. They focus on providing shape to the physical environment.

Modern-day military engineering can be divided into ancillary, combat, and strategic supplementation. They do not work on weapons and vessels. Military platoons require different specialist engineers and students enthusiastic about tackling real-world situations and researching scientific concepts that fit this role

## Military Biomedical Scientist

Graduates of MA in military sciences or MSc in military sciences interested in biologist/biomedical roles with a respective background are a perfect fit to become scientists for the military. They usually work in medical, clinical, and research laboratories but may have to go onsite military bases to collect samples. The ultimate goal is to study the impact of the microbiology of organisms and parasites which may cause widespread disease to military troops.

These scientists also take care of food quality assurance for the military while monitoring sanitisation of camps and living quarters. While countries research using biomedical weapons in case of warfare and crisis, biomedical scientists are in great need all over the world.

## Naval Science Officer

Naval science officers have expertise in meteorology, and oceanography as well as know the crux of microbiology to understand the areas where the navy is moving in. They also research bacteria, vaccines, and food sciences.

Some navy science officers take a different route and also work as navigation engineers in the sea, after majoring in nautical sciences. They also work on cargo loading and warfare conducts along with in-port responsibilities. There are special naval science courses that cover all aspects of naval services from its position as an officer to warfare communities and other career paths

## Military Police

As Military police, an individual is responsible for the protection of lives and property on or near army base camps and installations by enforcing military laws and regulations. They respond to emergencies and prevent crime along with making arrests of those who breach legislation. Anti-terrorism, area security, and force protection along with police intelligence are also on a part of their job description.

Military police sometimes also assist in raising and training police forces in their host nation and may also oversee the safe transport of government agents and prisoners. Students interested in law enforcement, and pertinent combat, and weapons techniques are fit for this role. Various armed forces have their own military police.

## Nuclear Medical Scientist

Nuclear medical scientists are commissioned officers in the military health care department responsible for defending troops and personnel from Nuclear and radiological threats. They conduct research on radiological substances, nuclear defence, biology, and chemistry, bringing them together to find ways to reduce or prevent the effects of military personnel being exposed to Nuclear and radiological hazards.

They also coordinate on missions involving Nuclear matter and develop radiation safety programs. Individuals interested in Nuclear science are bound to take advantage of this lucrative career path and advance their nations' Nuclear power and defence. They often also collaborate with physicists from academic, government, and private industries as well.

## Miscellaneous

BA/MA or BSc/MSC in Military sciences or any other related course in the military are profitable both from a career perspective and in increasing your versatility as a professional. Apart from military jobs, there are a surfeit amount of career paths you can dive into, including food scientist, environmental scientist, fish and game warden, operations research analyst as well as a political scientist. You can even get yourself in the journalism section as many media companies hire military experts as an editor, reporter, or a specialist to provide the utmost level of detail to their viewers. And there are interdisciplinary job opportunities inside the military on all levels like economists, account management, and human and organisation development. Some countries have armed forces systems that hire people excellent in a particular technology.

The bottom line is that studying military sciences abroad or in your nation can open your eyes to see the world from a different perspective. And hopefully, light up a spark in you to work for your nation.

# Political Science

## Build an exciting and fulfilling career in criminology with globally marketable BA and MA courses in political science from world-class universities.

Politics and governments have been a part of our contemporary world for a long time, but the world of politics has become so intriguing and powerful in the past century and especially in the past few decades. Hence more and more students are looking for political science courses online as well as a full-time bachelor of political science and diploma in political science courses. As quoted by former US president Woodrow Wilson, the method of political science is the interpretation of life, its instrument is insight, a nice understanding of subtle, unformulated conditions. Political Science has become a crucial form of social science degree path which needs students to understand government, its complexities, and processes involved both in theory and practice.

- Hone your writing, communication skills involving group and public speaking, analytical skills, research and quantitative skills, and planning and development skills, with political science as a major. Most universities focus on experiential learning which aids the learning process to match real-time applications.
- Learn in-depth analysis of topics like public policies, international relations, globalisation, civil rights, political development, and foreign policy along with the fight against terrorism and its various forms.
- Understand why the world operates the way it does, the political theories hidden behind what you see in your day-to-day life, the reciprocity between government and its people, and how to present your thoughts in a factual and persuasive manner. Also scrutinise concepts of ethics, justice, and democracy.
- Get the gist of specialisations in political sciences like government affairs & civic engagement, comparative politics, foreign affairs, political theory, national security, and law which cover the entire gamut of 21st-century politics, and focus on the topic of your choice in the master of arts in political science courses.
- Many universities have started providing higher-level degrees as the interest in politics is increasing as experts started exploring its various branches and roots. Political science courses also prepare you to participate in community organisations, and your nation's electoral politics and understand policies that might lead you to seek a position in the government or the politics.

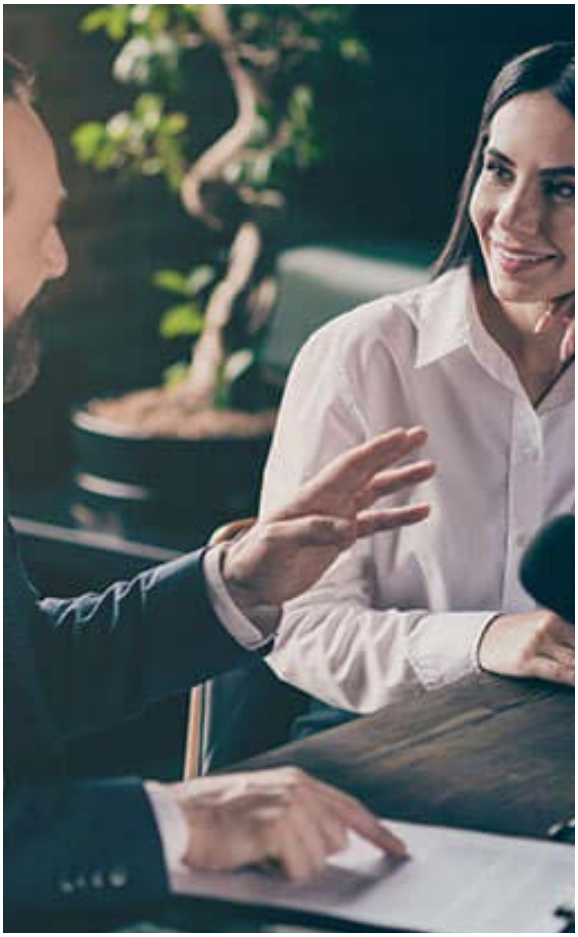
## Top Marketable Careers for Political Science Graduates

A bachelor's or a master's degree in political science can lead to career paths in deluge areas including careers in national/federal, state, and local governments, civil services, advocacy, economics and business, non-profits, journalism, marketing, elections politics, political research, and education. This also supports the reason why political science is a sought-after major in arts and sociology today and makes the degree holder versatile to the current world. And most job profiles in political science careers are of great prominence. So, what are the opportunities you can jump on if you are looking to pursue a degree like BA in political science, MA in political science, or a diploma degree in political sciences? Some of them are

## Political Scientist

Political scientists study the origin, development, and operation of political systems via political concepts and analysis of how politics influence communal development and nations' progress as a whole. The career path is expected to grow at least 10 percent in the next decade as the political system of the world keeps losing its equilibrium state due to complexities. The scope of political science has now been broadened to include the realm of studying democratic elections across the world as the mini-explosions in the political systems all over the globe have increased.

Political scientists research the current political climate and try to identify trends like voting behaviour, political parties, public administration, public policy, and other facets of governments. Political scientists are usually hired by federal and state governments to analyse and assess the impact of policies. Other areas include scientific and technical services along with private industries. Experienced political researchers and scientists are hired to seek practical and theoretical solutions to political issues. Individuals with a keen interest in nations' politics and who are motivated to think, create and help are fit for this role.



## Policy Analyst

Policy analyst itself might seem a profile with a broad spectrum, which in fact is true. A policy analyst influences public policy by examining, scrutinising, and evaluating its efficiency. The fundamental day-to-day work life includes tasks like verifying whether the imposed policies meet their objectives, reviewing and amending policy drafts, and providing suggestions for improvement. Creating awareness about a social or a political issue is their secondary work, which is even more impactful. They also process documents regarding these policies and are involved in the promulgation of information to stakeholders.

Policy analysts can work in fields like education, law, science, business, economics, urban planning, and most commonly in national/federal government as the brain-trust to research, analyse and offer advice on trivial and non-trivial matters. They also work for special interest groups and non-profit organisations. Individuals with a collaborative mindset and interest in their countries' policies are fit for this career path. Working as an intern in a lawmaker's office and participating in extracurricular activities like business organisation clubs and debates will help you gain confidence as a policy analyst even before you begin your career.

## Legislative Assistant

Legislative assistants are assistants to lawmakers and legislators. Apart from providing services in legislative drafting, legal services, and publications in various processes, they also perform research, administration, and public relations tasks. Senators, politicians, members of parliaments, assembly members, and other official members of the government also hire legislative assistants to assess political and policy issues and survey positions of other legislators on pending enactments and bills. They also meet constituents to understand their concerns and find ways to solve issues that the citizens in the areas under their employers' jurisdiction are facing.

Legislative assistants work as liaisons between the voters and the elected member and hence are a major part of the law-making process. They write reports and keep legislators updated on current situations of matters in their jurisdiction as well as politics in general. Graduating with a bachelor's degree in political science is the perfect fit for this job. You get to be a part of the government's rule-making without indulging in the gambling bit of it in the fight for the seat.

## Political Journalist

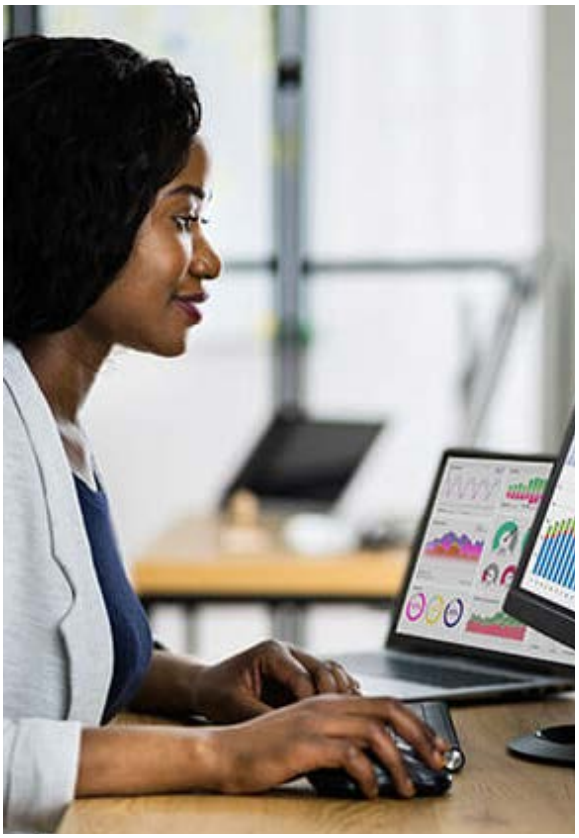
Media and politics have been best friends since media channels were formed. Especially when the world is with democratic nations, integrating media and politics leads to voters  understanding the political sphere and making informed decisions to choose a member of the senate/parliament. All journalism and media outlets, from news channels to newspapers and online forums dedicate coverage to political science and an individual with a political science major can be an excellent editor, correspondent, or reporter, covering government and politics.

Graduating with a BA in political science and getting a master's in media and communication would be a perfect learning path for this role. But someone can get a journalism certificate after BA/MA in political science to get into this career. Students and professionals with interests in media, television, and any other related fields often choose this career path to become successful journalists. They usually cover stories and write reports on the current international and domestic policies and situation of the political atmosphere.

## Social Media Manager

Social media has become one of the most popular and powerful sources of information as well as business. While some countries might call the position a political social media strategist, the basic job of this career path is to maintain the public relations aspects of a political campaign or an individual or a political party on social networks. As a political science major with a BA/MA in political science, an individual can understand the inner mechanisms of political campaigns. Social media managers also keep an eye on constituents and voters to understand the impact of their employers' administration and current issues faced by the citizens.

One key skill apart from being fluent in all social media platforms is to make people perceive what the campaign or the political party is trying to achieve, which again is a skill graduates in political sciences possess. Creating advertisements, posts and digital posters is also their responsibility. So apart from having a political acumen, being artistically creative, representing clear thoughts, having knowledge about social media platforms, and having an understanding of your target audience are skills that deem a candidate a perfect fit for this role.



## Intelligence Analyst

While other political science fields require you to be in the spotlight of things, intelligence analysts are specialised agents who work for various forms of government known as latent agencies. From CIA to FBI and NCA to CID and even secret services of various nations hire analysts who have a deeper understanding of governments and its political analysis which in turn helps them to keep the country and residents safe. They assess developments in volatile areas and study groups that might lead to security threats

These analysts write reports based on their findings and present them in front of their agency leadership as well as legislative leaders to come up with a plan or understand the current situation. Becoming an intelligence analyst is very exciting. It often requires prior experience and deep understanding. Individuals with skills like being multilingual, having a sharp mind to quickly analyse a situation, and having a keen interest in national and international security are preferable candidates for the profile.

## Miscellaneous

The roots of political science does not stop with the above-mentioned career paths. There are so many other lucrative profiles that a BA in political science or an MA in political science can choose to excel in. Individuals interested in passing down their knowledge in political science to future political scientists can choose to become a political science teacher or a professor at a university. The modern political world also gives you room to become a lobbyist to negotiate and influence the government with your client's concerns. Business organisations need political science majors to assess the upshots of laws and policies on their organisation's business and forecast political, economic, and social trends. Non-profit organisations hire political science majors as political advocates, development officers, and policy researchers. You can even join human resource and public relations management roles in the corporate world. And you can also become a politician and make real-time changes in your government. We at Craydel are motivated to provide a miscellany of choices to students and professionals along with guidance in the political sciences learning path(s), helping them understand the new avenues that the best political science courses can unlock. The new world needs a new political science and you might be a part of that transition.

# Public Policy

## Build an exciting and fulfilling career in criminology with globally marketable bachelor's and master's courses in public policy from world-class universities.

The best public policy is made when you are listening to people who are going to be impacted, a quote by Elizabeth Dole, briefly explains the core behind public policy. From a more generic perspective, public policy is a system of laws, regulatory measures, behaviours, and courses of action adopted by the government for the public. Or a set of rules to address issues within the society. Public policies can take years to be implemented and developed and show their outcome.
Although technically, public policy existed in society for ages, the official term and its umbrella emerged in the 1960s, encompassing various disciplines like political science, sociology, public administration, and economics. A public policy major allows a graduate to develop, implement and evaluate policy solutions for the problems that the society is facing.

- Learn how to research, flourish and construct military theories, practices, equipment, strategies, and technologies while understanding military organisations, analysis of security threats as well as the art of warfare.
- Become an intellect in many subjects including psychology, engineering, strategy and tactics making, logistics technology, electronics, history, and philosophy related to military services and execution
- Improve your resource management and planning skills, leadership skills, executive abilities, professional ethics, and of course military skills with both practical and theoretical classes in BSc and MSc courses in military sciences.
- Apply what you learn in real-time with experimental and task-based learning as military sciences use descriptive theory based on analysing situations where the factors and environment variables are unknown, making it a more practical approach towards executing military services as well as common civilian duties.
- The usually low cost and interdisciplinary nature of bachelor's and master's degrees in military sciences make these attractive options for students and often pay off with lucrative career prospects, both in military training and outside of it.

## Top Marketable Careers for Public Policy Course Graduates

Performing arts graduates have more advantages than artists who have no education in arts. They can work as professional actors, dancers, musical theatre performers, theatre directors, screenwriters, and art administrators. Their working environment would largely revolve around schools, theatres, and studios, depending on their specialization. Some of the top-performing disciplines you can choose in performing arts include:

## Policy Analyst

Policy analyst itself might seem a profile with a broad spectrum, which in fact is true. A policy analyst influences public policy by examining, scrutinising, and evaluating its efficiency. The fundamental day-to-day work life includes tasks like verifying whether the imposed policies meet their objectives, reviewing and amending policy drafts, and providing suggestions for improvement. Creating awareness about a social or a political issue is their secondary work, which is even more impactful. They also process documents regarding these policies and are involved in the promulgation of information to stakeholders.

Policy analysts can work in fields like education, law, science, business, economics, urban planning, and most commonly in national/federal government as the brain-trust to research, analyse and offer advice on trivial and non-trivial matters. They also work for special interest groups and non-profit organisations. Individuals with a collaborative mindset and interest in their countries' policies are fit for this career path. Working as an intern in a lawmaker's office and participating in extracurricular activities like business organisation clubs and debates will help you gain confidence as a policy analyst even before you begin your career.

## Public Relations Specialist

A PR Specialist is someone responsible for communicating with the public to create and maintain a positive image, acting as a spokesperson of an organisation, company, individual, government, or political party. This includes understanding groups or individuals' cultures, values, and attitudes and making sure it fits the society the group resides in. As a public policy graduate, you'll have insights and knowledge about how the public perceives things and how your brand can help improve the quality of their daily life. You get to collaborate with many other areas of your organisation from time to time to understand what and how exactly things are going to make an impact.

Being a very crucial tool of an organisation, a PR specialist must utilise psychological and sociological knowledge and skills to carry forward the image of the organisation. This may include writing press releases, connecting and maintaining relationships with journalists, and drafting speeches for company frontmen. With booming technology and the effect of social media, PR specialists are often required to harness the power of them and maintain a brand's social media. You can start with internships in PR during your Bachelor's or master's degree in public policy and move up the career track.

## Lobbyist

Lobbyists influence governmental decisions by petitioning government officials and legislative departments, often representing the interests of a business or a group to legislators. They are professional advocates involved in the creation and implementation of new laws and policies. They develop materials to promote and represent their client's causes, research existing issues and policies, and explain the impact of legislation or law, or bills which were passed by the government to their clients.

They often need to develop relationships with politicians and legislators and other government bodies to collaborate with and present their objectives. They also provide reports to the state for total transparency of the lobbying process and changes it brought into society. They are hired by various types of industries, from business associations to insurance companies, and may specialise in a particular field.

## Market Researcher

Market researchers are professionals responsible to collect and analyse data from multiple sources to help their client or organisation make informed political, social, and economic decisions. They forecast trends and try to predict the fate of the market by customer/consumer opinions, investments, and marketing gravitations. Most of the data (which should ideally be autonomously qualitative) and analysis(-like SWOT) is based on the business or project's objective. They also evaluate program methodology. Market researchers are in high demand in both the private and public sectors and are hired by almost all areas of businesses and marketing agencies.

Choosing market research as a career is ideal for people who are interested in both statistics and have an understanding of the market. The career path leads to profiles like market research specialist, marketing manager, and director-level positions. With the growth in technology, marketing research is more than just statistics, companies want individuals proficient in search engines, web analytics as well as research tools to boost their performance. They collaborate with the marketing teams and report to marketing management of the project they are working on. They are often seen to be working as freelancers as well.

## Paralegal

The public policy enables you to get into advocacy and law fields as well, starting as a paralegal. They assist attorneys and lawyers with clerical and research services like maintaining, drafting, and organising documents, calling and often interviewing witnesses, investigating cases underhand, and preparing for court trials. They also direct and coordinate activities in law firms they are hired at including delivering subpoenas. Typical employers of paralegals involve both public and private law firms including law offices, legal departments of companies, and real estate.

The career outlook of a paralegal is projected to grow faster as lawyers now tend to focus on the legal side of cases they are handling. Graduates interested in law are ideal paralegals. Bachelor's degree in public policy is one of the best fits for the role as the crux of public policy is based on laws and regulations and it commands the obedience of the citizens. Although policies are documents, they can lead to newer laws. And paralegals with public policy degrees often shine during those transitions as legislative aides.

## Political Scientist

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## Non-Profit Program Director

While they might start as an executive or a manager position after a master's in public policy degree, program directors of nonprofits play a key role in developing programs and teams to fulfil a short-term mission or a long-term vision of a non-profit organisation. They also interact with all teams and partners and evaluate the performance of the teams.

Non-profit program directors also develop budgets and may also be responsible to manage grant proposals. From managing things on their own as managers to overseeing the management process and providing strategic advice to various teams, choosing non-profit careers strengthens communities by providing various services that citizens need and the government isn't able to provide.

## Miscellaneous

Public policy is an issue-driven subject and virtually every career field has jobs related to making and imposition of policies. Apart from the listed careers in areas like policy analysis, nonprofits, legislative aiding, public service, etc, public policy also gives you wings to fly high in fields like economics, finances, public administration, public health, education, and transportation. You can train other students as a professor in public policy, which often requires Ph.D. in public policy to build a tenure. You can also choose city management and human resource career paths. Individuals interested in media may apply for policy-related media and communication opportunities during or after their graduation. You can also specialise as a policy analyst in topics like defence, labour, energy, environment, science, and economy to choose career paths in respective sections of the professional world. Public policy is often considered a child of the public administration field, so you might want to check public administration courses on Craydel.

# Public Administration

## Build an exciting and fulfilling career in criminology with globally marketable bachelor's and master's courses in public administration from world-class universities.

In simple words, public administration courses are open sesame to the avenue that can bring real-time transformation, implement change and bring in modern domestic welfare in your society by making you an essential instrument of the government. Public administration is the wheels of the vehicle called government activities as it provides numerous avenues and is a study of the discipline. While Dwight Waldo, a political scientist brought in the new public administration we see today, the roots of it go back to 1887 when public administration was acknowledged as a specific field of study

- Nurture your skillset with skills like organisational behaviour and management, budgeting and finance, economic and political processes, and ethics from the management perspective of the BA/MA in public management or public administration.
- Learn from the administrative angle of the course, adding skills like administration, criminal justice, economic development, constitutional framework, and educational administration planning in your portfolio. Public health administration courses focus on all aspects of the public health organisation.
- While the prime focus is to provide public services, modern public administration teaches strategic planning, non-profit organisation sponsorship, and electronic governance, amalgamating it with private-sector jobs which in turn open doors to a plethora of diverse career pathways
- Collaborate with highly skilled and experienced public administrators in different areas, widening your horizon and scope of work in the field of administration continuously, while learning sustainable and united development in this era of resource scarcity.

## Top Marketable Careers for Public Administration Graduates

From financial careers to government professions and careers in management, there is something for almost everyone in the field of public administration, making your work life versatile. Motivation to get into a career in public administration would include getting to work in or with the government, ambition to become a leader and make a real-time impact on thousands and millions of people Apart from this, almost all career paths in public administration provide stability along with job security and chances to quickly move up the chain with performance. Here is just a tip of the iceberg list of careers you can opt into after an MA in public administration or a BA public administration degree or a diploma in public administration

## Financial Analyst

Financial analysts are sometimes called the backbone of the finance department of an organisation or a company. They facilitate companies making smart financial decisions and investments by tracking financial performance against a pre-laid plan, analysing current market and trends to put forth a financial forecast. They also help upper management to make tactical and strategic decisions by providing reports on financial achievements, marketing campaigns, and past records with current biases and trends.

Financial analysts are typically employed by private companies, investment banks, insurance companies, funding companies, government agencies, and even non-profit organisations. A potential learning path to becoming a financial analyst would be having a bachelor's in public administration and a master's in accounting or finance. Folks who are excited about handling finances and can find thrill in analysing markets are best suited for this role. With surges and instability in the market, the demand for good analysts is augmenting as we speak.

## Public Administration Consultant

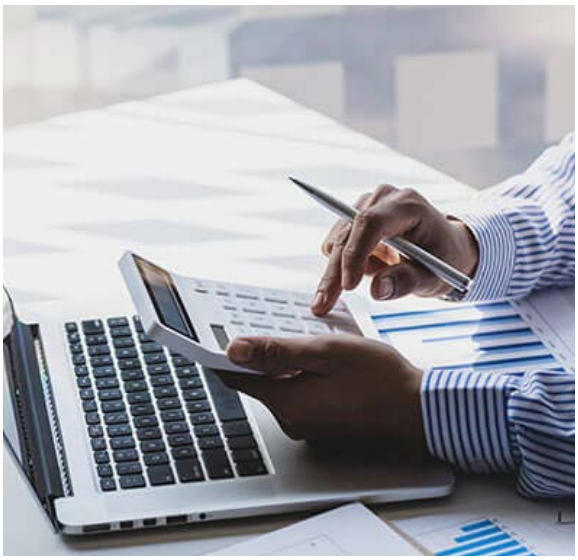
Different countries give different names to this career path, but on a generic level, a public administration consultant provides professional and technical advisory and policy-making for various aspects of an organisation or government, including the likes of budgets and deadlines for a project. They also meet stakeholders of the project to plan and review public administration programs.

Typical employers exist both in the private and public sector, firms and agencies who are looking to make their projects more efficient. Public administration consultants are often specialised in particular fields like information technology or budgeting or logistics.

## Tax Examiner

Tax examiners are public agents who work on the behalf of the government (local, state, or federal) to determine and collect taxes from individuals, organisations, and businesses. They also review and process tax refunds. They are the masters of taxes and tax forms. Typically they work in an office setting but often pay field visits and audits at the taxpayer's location.

Individuals confident in their analytical and people skills are perfect for this career path. For very huge multinational corporations, taxes can become complicated. Hence they are often assigned to work with those corporations permanently.



## Foreign Service Officer

The prime focus of a foreign service officer is to promote peace, represent the nation in embassies and consulates, support prosperity and work for national interests. They are also responsible for the welfare and protection of people travelling/studying abroad and represent their nation with international organisations.

In case of emergencies, they become a crucial part of the rescue and evacuation of refugees. On a normal day, a foreign service officer works within offices to analyse political events on both national and international levels. They hence also become a part of forming the nation's policies. Graduates having excellent communication and information integration skills are fit for this career path. They might even attain specialised roles in consular, economic, management, political, and public diplomacy areas of foreign services.

## Urban and Regional Planner

Urban/ Regional Planners design and shape what the communities look like. They make the most of the resources the people have and help communities flourish. The tasks in the job include suggesting to landowners the plans to use their land, researching environmental regulations, and planning new public areas and neighbourhoods including parks and buildings. The idea is to improve the infrastructure according to what the community requires.

An Urban and Regional planner often works with public officials, government agents, and community members. The job requires experience and proficiency in research and analysis along with interpersonal skills and critical thinking. Having marksmanship in public opinion from a degree in public administration, your job is to gather the community's input in the infrastructure modification and development and make sure they are heard and worked upon. Urban and regional planners collaborate with designers, the mayor, and official bodies of the area to provide a smooth process of development. A bachelor's degree in public administration can provide a good base and foundation for an administrator to become an urban planner but a master's degree in the subject or equivalent certification is often suggested for an excellent and escalating career.

## Public relations manager

While a fresh graduate would start in a role called public opinion analyst or something similar, public relations managers are involved directly with public opinion. They work on enhancing the public image of their employer and coordinate with fundraising managers to bring in funds. They also monitor how public policy affects their client or organisation and advise the upper authorities in the hierarchy.

Public relations managers are often asked to help communicate with the public and hire or designate a spokesperson while advertising their employer and manager promotional programs for them. Public administration graduates who are intrigued about creating and persuading interest areas can reach very high levels in this career path. Public relations often lead to positions of executive directors and president level positions in various organisations

## Mayor

While other career paths are related to government work and providing support to government services, being elected as a Mayor puts you directly on the hot seat to make real-time changes. Mayors run their city or town's administration and work with various bodies of government to enact laws and work on developing the locality.

Mayor also fulfills the roles of chief executive officer, ceremonial figurehead as well as local agent for central/federal government. Mayors collaborate and sometimes also appoint city managers, attorneys, and administrative board members. The pay of a Mayor may depend on the area they are leading. As cities, towns and areas try to develop on micro levels, demands of mayors are increasing as nations try to develop altogether. Although, becoming a Mayor needs public support and creating a campaign strategy to gain it.

A master's in public administration can open doors to it as you'll collect knowledge and skills needed to lead a small area.

## Executive Director

Bachelor's and master's courses in public administration are very lucrative as they help you to read the top of the ladder sooner than your peers. While you start as an executive position, becoming a director is really making it to the top. You can become a director of a non-profit organisation, environmental health, industrial hygiene, hospital administration, epidemiology, municipal water treatment, public health, and radiation safety with a degree in public administration.

As a director, your role is to head multiple departments inside your organisation from accounting to management roles. The profile requires experience in business practices and graduating from a university abroad or local to yourself in a public administration major is the perfect way to kickstart your journey.

## Miscellaneous

Public administration graduates are spread in almost every field you can notice. The coursework consists of so many interesting areas and gives you knowledge about things that seem simple but aren't. There are a gazillion more pathways that you can choose from if you're starting a career and even if you're already at someplace. From roles like community worker to activist and non-profit administrator and from law-related roles like a lawyer, corrections officer, and paralegal to logistician and statistician, all roles have been taken over by individuals who graduated with BA in public administration or MA in public administration and Ph.D. in specialised areas.

Regardless of the degree or course, you choose, even public administration courses online can also give you the chance to enter a gratifying career where you can effect worthwhile change for individuals, communities, and the general public. Make a plan for a career you want to choose, set an end goal, learn the skills, and show the power of will, and public administration will support you in any career.

# Languages and Linguistics

Linguistics and Languages

Literature

# Literature

## Build an exciting and fulfilling career in literature with globally marketable BA and MA courses from top-ranked universities.

Getting a degree in literature requires you to have pursued a bachelor's or master's English literature course. The course will guide aspiring students to enhance their creative side more, fishing the hidden or real meaning behind the words and setting up a successful career in the varied fields or verticals.

- Get access to a world of timeless poems, prose, riddles, plays, poetry, novels, curated by the most famous writers while developing a clear and easy understanding of the literature world.
- Set up your career in related fields such as scriptwriting, journalism, teaching, or any other relevant areas.
- Get valuable insights into not only English scriptures but also delve into Western, Contemporary literature, and a lot more.
- Develop comprehensive written as well as spoken communication skills to launch your career confidently in a variety of fields.
- Dive straight into the history of literature programs and establish a great foundation with the help of quality literature courses.

## Top Marketable Careers for Literature Graduates

Having an English literature degree from a recognised university means you have a wide variety of job opportunities in almost all the sectors and business verticals. With this degree course, you act more like an expert and high-level professional that analyzes, uses their skills, and adds more value to the respective industry. Having said that, here are the potential career options for a literature graduate:

### Journalist

A journalist is someone who timely researches, writes, edits, reviews, and archives news, reports, incidents, and articles professionally. Every writing of the journalist can be used on television and radio, or in magazines, newspapers, and in digital or print media. The most common or basic aim of a journalist is to gather necessary information, write unique news pieces,  and make the news presentable in an honest and balanced manner. In addition to researching and reporting on current affairs, the journalist works on various articles of different domains and reports the real-time incidence of events to attract the masses or influence the global audience.

## English Teacher

An English teacher is a professional that ensures every student learns proper English, grammar, writing, sentences, and develops reading comprehension perfectly. The key responsibility of an English teacher is to create easy to learn lesson plans that will provide students with the skills, clear understanding, and liberty to learn something new. Some of the primary roles of an English teacher are answering student questions, grading student tests and essays, tracking student progress, and teaching students the importance of English. You also need to communicate with the students' parents.

English teachers work in schools and other institutions. They teach the principles of the English language and use various methods to run successful courses. English teachers' responsibilities may vary depending on the academic level and native language of the students.

## Freelance Writer

A freelance writer is someone who works as a freelance contractor for an organization or an established business rather than as a full or part-time employee. Usually, freelancers work for several clients at the same time. Blog posts, internal corporate communications, emails, grant letters, suggestions, or newsletters can be done through freelance writers. Many freelance writers are also specialized in a particular communication channel or industry.

A freelance writer will have exceptional writing and oral skills with a strong understanding of creating content for both digital and traditional channels. You research, write, review, and edit content; understand styles and standards (AP style, Chicago style manual, etc.); and it can establish and maintain a brand's tone and image.

## Editorial Assistant

Editorial assistants regularly support senior and executive editors.They are often hired by magazine and book publishers, and most are full-time employees. Successful editorial assistants must-have writing or communication experience. Most companies tend to view the role of an editorial assistant as an entry-level position but there may be opportunities for advancement. The daily tasks of editorial assistants vary from employer to employer and depend on a variety of factors.

Most editing assistants, however, are responsible for performing several administrative and editorial tasks required to create publications. They are often involved in projects from conception to completion, from receiving the author's copy to handing it over to the production staff

## Advertising and Public Relations

The Public Relations Officer or in short PRO is the primary person responsible for all communications, public relations, and public affairs for an organization and leads a team that works to establish the right image of the company's brand with its audience. With the help of their team, the PRO is responsible for the implementation and management of all public relations and media relations events in an organization. They are needed to craft media, draft press releases to effective messages on social media, shape public opinion about the company or organization, and further help in increasing brand awareness.

## Interpreter

An interpreter is also considered as the foreign language interpreter that is mainly responsible for using their thorough knowledge as well as skills of multiple languages to help people communicate with one another easily despite language barriers. The duties of an interpreter mainly include traveling with customers or clients to help them communicate effortlessly with people who speak different native languages using different tones or accents, translating spoken presentations or speeches for a multilingual audience, and translating spoken words into easier terms to understand written messages.

Interpreters sometimes translate written communications from one language to another. Interpreters work in different fields or sectors like education, corporate bodies, multinational companies, healthcare, insurance, law, and other industries.

## Need help in deciding the best Bachelors in Literature or Masters course for yourself?

Check out the list of most popular questions around Literature programs

**What is Literature?**

Literature is an art or artistic creation that uses means of expression through language. This program explores the interrelations of literature with other kinds of cultural objects, such as films, digital media and the visual arts.

**What subjects are required to pursue Literature?**

A student needs to have an English Language or English Literature requirement at high school level. In an instance where English is not the student's first language, they will need an International English language test that is recognized. E.g., IELTS

**How many years do you study a Literature degree?**

A bachelors degree in Literature or an equivalent program in the field will take at least 3 – 4 years depending with the student's academic background.

# Linguistics and Languages

## Build an exciting career in Lingustics and languages with globally marketable courses from top-ranked universities.

Linguistics and languages enable you to learn how speech and sound work. The student masters the structure of languages; phonetics, semantics and phonetics. Studying linguistics explores natural language by gathering, observing and analyzing how humans use language similarly to a scientist doing the same with data. Language is multi-faceted and learners will learn about the structure and scientific analysis of languages.

- Improve your communication skills through conversation and be more confident. Learn how the mind and brain process language.
- Learn something new in making sounds, writing and speaking across languages. The structural properties of all languages.
- Improve your analytical and critical thinking skills, you will be able to identify relevant information, analyze it and form conclusions on the same.
- Be part of the innovation that is being applied creatively by linguists to solve problems, understand the human brain better from how we speak and interact.
- Get the cognitive benefits of learning languages these include a high reading ability as well as an expanded vocabulary.

## Top Marketable Careers for Linguistics and Languages Course Graduates

### University Lecturer

This field is both lucrative and competitive and takes a lot of dedication to the academic field. A university lecturer of linguistics and languages is outstanding amongst peers and with impact to the academic community at large. They have published influential works and have relevant teaching experience.

A university lecturer will design, develop and produce lessons and teaching material and disseminate across modules or within a subject field. They also apply appropriate teaching, learning, support and assessment methods. Lecturers identify areas that need revision and improvement, they then plan, design and develop recommendations to solve the same.

They are also required to keep module design and delivery compliant with standards and regulations of the University. They engage in collaborations that place their institutions in strata of influence. University lecturers manage their students and the resources available to ensure academic excellence.

## English Teacher Abroad

Also known as teaching English as a foreign language, it is teaching English language to students whose primary language is not English. The teachers may work in learning institutions, homes or virtually.

They will plan and deliver class lectures to students, evaluate student's classwork and assignments, develop coursework and classroom material, prepare and assign homework, record and document accurate class attendance and grades, develop English lessons in line with the country's syllabus and manage the classrooms. They will liaise with parents and guardians on performance and other arising issues.

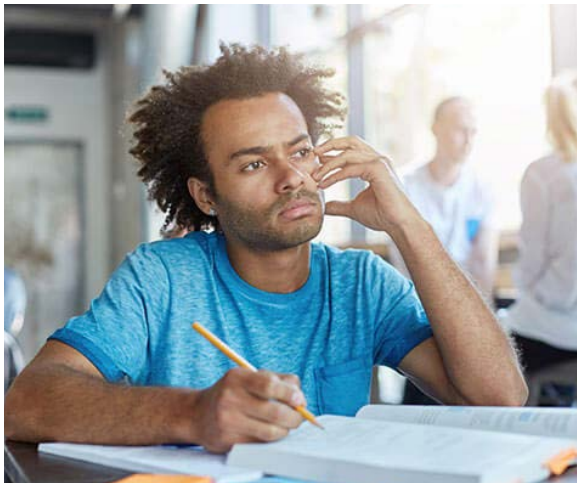
The English teacher will ensure excellence among the students, mitigate and mediate when difficulties arise, keep the students motivated and competitive, recommend remedial intervention when grades are low, reward good performance to keep morale high. They will keep class discipline high

## English as a Second Language Teacher (ESL)

They are mandated to teach students whose primary language isn't English written and spoken English skills. They may work from home, abroad or in institutions of learning. They are required to oversee the students in the classrooms and use demonstrations, pictures and gestures to explain the lesson elements to students. They are required to be very professional and patient with their students and enforce discipline too.

The teachers will be required to teach in accordance with the syllabus, mark student's work and give necessary feedback, encourage and support the students in the learning journey, help the students prepare for assessments and examinations.

Teaching abroad also exposes the teacher to out of the classroom sessions like excursions, field trips and cultural outings.



## Lexicographers

They compile word definitions systematically for use in the writing, editing and publishing of dictionaries. Some bilingual lexicographers translate expressions and words across languages. They identify and add new words and their uses to dictionaries, proofread historical and modern texts and other information sources.

Lexicographers also review existing definitions to ensure they are compliant with set protocols. Most lexicographers start off as freelance contributors to the dictionary publishers and grow on the job.

## Computational Linguist

Computational linguists develop computer systems which deal with human language. This is for linguists interested in the field of artificial intelligence, they will have a high interest in the language structure that measures up to their interest in software development and application. This field requires ability to visualize and solve complex problems and processes. This career needs a developed knowledge base in linguistics, mathematics, computer or software programming and natural language processing.

Computational linguists will build, test and enhance models of languages, improve search technology resources for natural languages, take part in projects that improve the core technology of applications and computer programs. They will also create systems for extracting content from databases, script and code to convert internal models from data, apply algorithms and related software onto hardware platforms. They will liaise with developers in availing constructive ideas in interface and design sessions. They make sure programs are compliant with the set roadmaps.

## Forensic Linguist

This is a high paying opportunity for linguistics and languages graduates, it involves crime solving by analyzing suicide notes, call records, trademarks and contracts. Forensic linguists cooperate with law enforcement agencies and also work as consultants.

Their analysis of linguistic techniques must be top notch to aid in accurate interpretation of documents. A curious mind, a determined, patient, observant and a competitive streak will also work well for a forensic linguist career.

## Copy Editor

Yet another well-paying job in the linguistics and languages career mine. A copy editor will revise documents and prepare copy for publishing. They check for ambiguity, grammatical errors, credibility, consistency and clarity.

A copy editor can work in the media, publishing houses, as a freelancer, in marketing companies and agencies. They will need to be people of integrity and of an outstanding reputation. Their research skills should be proficient to be able to churn factual copy.

## Speech and Language Therapist

Linguists are an important link in the multidisciplinary dimension that is speech therapy. They work with people facing speech challenges due to delayed speech, cleft lip complications, hearing impairment, voice disorders, selective mutism, learning difficulties, developmental language disorder and stutters in speech.

Speech and language therapists will identify the challenge, what causes it and recommend programs to initiate and improve the development of speech. They will teach their clients how to make sounds, improve their voices and gain fluency.

## Translator

Ideal for bi-lingual and multi-lingual linguistics and languages graduates. A translator is tasked with converting written information from one language to another without altering the meaning and context. They also read and research on material for industry specific terminology.

Translators work in sectors like security, intelligence, with government agencies and as consultants. Freelance translators are also very marketable as the demand for the service grows globally.

## Public Relations Officer

A public relations officer is an asset in any organization hence the high demand of the officers. Their job is mainly to maximize on all available media and communications platforms to establish, manage and maintain a reputation for their organizations.

They are also expected to research on and understand concerns and expectations of business stakeholders then communicate them concisely. Public relations officers also assess their organization's public image, write speeches, write press releases, develop partnerships with media.

PRO's are expected to review their organizations marketing materials and be the response desk to public events and inquiries. It is a competitive and well-paying career line with room for growth.

# Math, Chemistry and Physics

Chemistry Mathematics Physics

# Mathematics

## Build an exciting and fulfilling career in Mathematics with globally marketable BMath and MMath courses from top-ranked universities.

Mathematics is one of the most widely popular academic disciplines that can be applied to numerous fields- Natural sciences, Engineering, Psychology, Economics, Medicine to name a few. The mathematics degree course makes the students unveil high-level mathematics-related topics and helps them

- Explore new topics, elementary concepts and create a different vision through the latest dynamic of the mathematics program.
- Have a thorough knowledge of measurements, properties, and relationships of sets and qualities using symbols and numbers.
- Understand the complex field of mathematics that also includes pure mathematics, applied and computational mathematics, topology and foundations, geometric analysis, probability, and statistics, and a lot more.
- Extract not only elementary skills but also take on more practical dimensions in their course.
- Avail opportunities with the right combination of lectures as well as seminars that assists them with the application of mathematics skills, expertise, and knowledge in a real-world setting.

## Top Marketable Careers for Mathematics Graduates

Mathematics is probably the only discipline that is applicable to nearly every industry. From business and technology to science and medicine, advanced degree holders are needed to directly attack and solve big-picture problems. Logical thinking, practical problem-solving techniques, and decision-making skills are required by the varied industries and employers across many job sectors. Here are some of the most highly regarded careers for mathematics graduates:

### Mathematician

A mathematician is a skilled person that uses mathematical skills as well as knowledge to solve real-world problems efficiently. Mathematicians can apply advanced mathematical techniques, principles, and methods to assist multiple industries. Most mathematicians spend their time analyzing data, creating practical models, and performing complex calculations combined with the rules to deliver optimal results. From performing numerical analysis to developing computational concepts, a mathematician ensures to improve business decisions and helps them grow further.

To ensure guaranteed success in fields like science, business, engineering, or other related industries, mathematicians aim to conduct thorough research using algebra, geometry, statistics, and logical analysis to resolve both scientific and engineering-related issues.


## Statistician

Statisticians have become an integral part of the field of research and academia. Statisticians are the high-level professionals that apply statistical methods, spot trends, models and make predictions in a range of industries. They are often considered the most valuable employees that gather, analyze, and interpret data based on the company's specific needs and requirements. The main responsibilities of a statistician are to collect, interpret, and analyze large data to make certain decisions, provide important statistical inputs to the businesses whenever required, and report results of statistical analysis in the form of charts, algebra, and tables

## Operations Research Analyst

An operation research analyst is a professional analyst that collects and interprets various important data and helps businesses perform better and more efficiently. They are highly knowledgeable problem solver research analysts that directly apply advanced techniques to offer real-time support to the various industries or verticals. An operations research analyst usually applies modern techniques like optimization, data mining, statistical analysis including mathematical modeling in day to day business operations.

Many reputed companies prefer to hire an operations research analyst who can help them perform various tasks like identifying pitfalls hindering the growth of the business, implementing effective plans, crafting powerful strategies, tracking different metrics, maintaining daily reports on data analysis, and developing solutions for the betterment of the business.

## Actuary

An actuary is another rewarding career option that combines both mathematics and statistics to minimize financial risk and estimate the impact of financial uncertainty in the future. An actuary is someone having thorough knowledge, expertise, and mathematical skills who measures the probability and impact of future events. Most business houses and government agencies are highly dependent on the actuaries to evolve positively in this ever-changing digital landscape.

The job profile of a professional actuary involves evaluating, managing, and advising on future financial business risk, using knowledge of business as well as economics professionally, applying mathematical and statistical awareness that connects with real-life situations. The actuary may particularly work in sectors or areas like banking, corporate finances, investment management, pensions, and a lot more

## Economist

An economist is a proficient financial expert who studies market activities, and the relationship between the society's necessary resources and its production or output. An economist is someone that collects, analyzes, evaluates, and sometimes controls important data to evaluate economic issues for various resources, goods, and services. The expert opinions, findings, and research analysis of the economist help the small or local communities including the global economy to predict the future trends and shape them accordingly.

An economist can help implement a wide array of policies that also include tax laws, interest rates, employment programs, corporate strategies, and a lot more. The duties and responsibilities of an economist include- researching economic issues and crises, advising businesses and the governments for decision-making, formulating perfect solutions to both minor and major economic problems, etc.

## Auditor

The main job profile of an auditor mainly involves- reviewing the different accounts of companies and other organizations, ensuring that their financial records are accurately and systematically recorded, checking and analyzing the company's spreadsheet data, ensuring that the assets are protected, undertaking reviews of workers wages and a lot more. They could consult the accounts of their employer or those of another organization and also act as an advisor to recommend risk avoidance and cost-saving measures.

Auditors are the experts that are responsible for the maintenance, management and tracking records of the cash flow and accounts of the companies keeping protocols, control procedures, and regulations in mind. Auditors can be both internal as well as external who choose to work for professional firms, private companies, charities, government bodies, etc.

# Need help in deciding the best Bachelors in Mathematics or Masters course for yourself?

Check out the list of most popular questions around Mathematics programs

**What is Mathematics?**

This is the study in numeric sciences, using a range of different approaches including algebra, calculus and basic arithmetic. Some also define it as the science of numbers and their operations.

**What subjects are required to pursue Mathematics?**

Mathematics will be a required subject both at lower and higher-level standards of education. A relevant 2nd class degree program in the field will be required for entry into a postgraduate degree.

**How many years do you study a Mathematics degree?**

A typical mathematics program in the field will take 3 – 4 years upon completion. The program would take longer if it involves a professional placement year.

Postgraduate programs in the field will take at least 12 – 36 months on average.

# Chemistry

## Build an exciting career in chemistry with globally marketable Bsc & Msc chemistry courses from top-ranked universities.

Chemistry is often known as the study of change and with the continuously changing world, it is one of the most important areas that need development and have been growing rapidly. Chemistry played a vital role in the fight against the covid-19 outbreak and various other discoveries and inventions like penicillin and the screen from which you are reading this. A BSc or an MSc in chemistry graduate can enter the world of chemicals and do wonders.

- Develop research, logical and analytical skills and enhance your technical ability and attention to detail.
- Learn how and why the world around you is changing and answer the questions like why cutting an onion makes your eyes tear.
- Gain the knowledge about the nature of chemicals and the process that create various products we use in our day-to-day lives and use it to propel yourself into worldwide sought-after careers.
- Understand the various types of chemistry disciplines like analytical chemistry, physical chemistry, biochemistry, inorganic and organic chemistry.

## Top Marketable Careers for Chemistry Course Graduates

Chemistry graduates are intellects of chemical and medicinal compositions along with technological competency and hence have a lot of options to choose as their lucrative career path. You'd be suggested to start your career right away during or just after completion of your course by joining internships and apprenticeship programs because successful chemistry jobs often go parallel with greater experience. Some of the career paths are:

### Pharmacologist

A Pharmacologist investigates the effects and working of medicines and drugs on our biological system. Before a medicine reaches a pharmacy store, it is the duty of a Pharmacologist to run experiments and tests of the medicine and redeem it fit for use by the public. There are two subfields in the job profile, pharmacodynamics where you study the effect of drugs on the cellular level or what drugs do to the body, and pharmacokinetics, where you analyze the absorption and excretion of drugs on the molecular level or what the body does to the drug.

As a pharmacologist, you get to study and help the development of new and better medicines. Unlike pharmacists, you won't interact with the patients but would be working in specialised areas like neuropharmacology, chemotherapy, and veterinary pharmacology in pharmaceutical companies to medical research for government and public sector organizations and universities. A BSc in biology or an equivalent degree with a major in Pharmacology can easily pave a path in this career.

## Analytical Chemist

Analytical chemist plays a huge role in our day-to-day lives as they work in all kinds of industries and various fields of chemistry, applying their knowledge about chemicals, the mathematics it contains along with computational processes and instrumentation. From process development to setting error limits during the quantitative and qualitative analysis, the role of an analytical chemist is crucial.

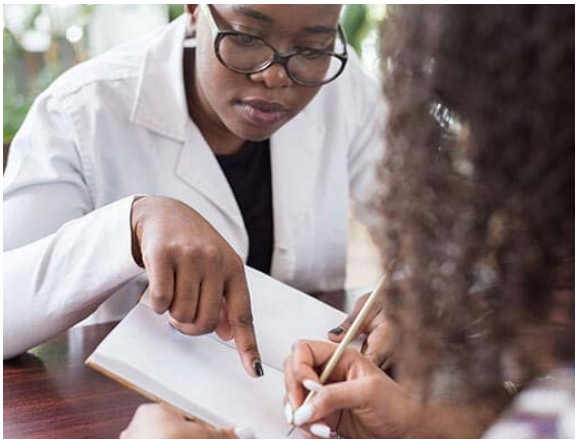
The said analysis includes sampling, defining, isolating, concentrating, and preserving samples of products from various industries like drugs and food to determine their quality and interpreting the data with appropriate context. With the growing technology, employers find analytical chemists who are masters of sophisticated designs and equipment used to get things done faster and efficiently. The job profile is very demanding and one of the best ways to kickstart your chemist career.

## Forensic Scientist

The core job of a Forensic Scientist is to collect possible evidence from crime scenes and use analytical, computational, and scientific techniques to examine it and prepare legal statements that summarise the results. The job includes visiting crime scenes, coming back to laboratories to investigate and make some sense out of the samples you collected like hairs and blood along with non-biological substances like textile fibers, paint, glass, explosives, and drugs. They also need to be adaptable to new technological advancements.

Forensic Scientists are in high demand and they play a very crucial role in law, by using their skills and technology which are one of the most important parts of solving crimes. Due to a critical role, the average salary of Forensic scientists is also higher than other jobs. Typical employers include private investigation agencies, defense, law enforcement agencies like police, government sector jobs. A typical academic path for a Forensic scientist is a bachelor of science in chemistry and a master's degree focusing on forensics.

## Research Analyst



Research and development fields are ever-growing and have highly demanded job profiles. The terms like Research Scientist, Research Analyst, and R&D Researcher are very diverse as different sectors have different approaches and needs. Some research areas include agrochemistry and food chemistry, chemometrics, amino acids, biotechnology, biochemistry, and nanotechnology.

While a bachelor's degree in chemistry will allow you to kickstart a career in research, masters and doctoral degree becomes an important part of your career as you have to be well-versed in crucial lab techniques and analytical methods along with conducting and analyzing reports and combine all the sciences, not just chemistry. You could be working in a pharmaceutical company to develop a new medicine or working in a university laboratory to research a mind-boggling new break in technology or medicine.

## Toxicology

Toxicologists work to enhance & develop methodologies that determine the potential risk levels and biological effects of substances like drugs, chemicals, agents, radiation, and other substances that humans interact with. They are also known for determining the dosage of a drug or a treatment a person should take and potential side effects. They investigate toxic materials and how they can affect the environment and living organisms.

The typical day job includes planning, designing, and executing controlled experiments and trials to managing laboratories, and writing reports, reviews, and papers. A Subfield of toxicology includes investigating the presence and distribution of xenobiotics(chemical substances that shouldn't be there inside the body) as part of an autopsy. Toxicologists are required to be both theoretically and practically skilled, hired by employers like forensic laboratories working for the law, pharmaceuticals, and various chemical companies.

## Epidemiologist

With sudden outbreaks like the Spanish-flu, covid-19, and swine-flu, there is a dire need for specialists to investigate the root cause, the people or areas who are at risk, come up with solutions and ideas to stop and control the spread, and most of all, prevent it from happening again. Epidemiologists are those specialists. Apart from working in researching the outbreak or injury, they also work as public health workers and educate people about the diseases and health policy.

Epidemiologists are known as disease detectives. They study how the previous disease or a health problem was resolved through statistical analysis and field research. Apart from this, they work with other scientists on never-seen-before diseases and try to figure out a health plan and a treatment for them. They are highly in demand and they will just grow as the world keeps meeting new diseases and outbreaks without any warning. Since the role is critical, epidemiologists are highly skilled and often have experience in chemical labs and research projects with doctorate degrees.

## Materials Scientist (Nanotechnologist)

As nanotechnology is booming and growing rapidly while making continuous advancements for the betterment of humanity, the demand for Material Scientists is increasing in parallel. A Materials Scientist studies create and analyze the chemical properties, composition, and structure of different man-made and natural solid materials like metals, polymers, rubber, ceramics, semiconductors, and glass.

Also known as Synthetic chemist or at least as a superset of it, the job profile often is seen to require a Ph.D. in material science but for entry-level jobs, a BSc in chemistry would also suffice. The job needs immense knowledge to devise ways with motives like strengthening existing substances, combining materials, or creating something new that can be beneficial as a product or part of a product. Material scientists are highly paid and have a delightful career as they keep creating and working with things that are tangible.

## Miscellaneous

Studying chemistry makes you a potential candidate in a myriad of industries and employment sectors. With a Bachelor of Science in chemistry or an MSc chemistry, you can easily get a job in middle and high school if you love teaching. Becoming a professor in college requires immense knowledge on the subject which can be done with a Ph.D. Entry-level jobs for BSc chemistry graduates also include working as QA/QC in pharmaceutical companies and laboratories. If you're interested in patent law, you can become a patent examiner and work and verify new inventions. There are high-paid and less talked roles like geochemist (researchers of earth from a chemistry standpoint) and oceanographer(marine ecosystem researchers).

With the growing competition in all fields, choosing between various career paths can be a baffling task. Taking a career match assessment test and guidance from admission counsellors and career experts at Craydel will definitely help you have a more clear thought process before you kickstart your expedition in the world of chemicals.

## Chemical Engineer

Chemical Engineers work mostly in design and manufacturing industries and in sectors like oil and gas, energy, cosmetics, pharmaceuticals, food, and drinks. Their job description also includes designing and producing industrial products, chemical equipment, and chemical plants while ensuring the efficiency and safety of chemical processes in compliance with environmental safety as well as economic needs.

For entry-level roles, BSc chemistry or a bachelor's in chemical engineering would suffice, but taking on a master's degree often allows you to get more hands-on experience before entering the chemical battlefield. The average pay is pretty good for chemical engineers as they not only use knowledge about the chemicals but also have to apply physics, biology, and mathematics in their day-to-day work.

## Need help in deciding the best Bachelors in Chemistry or Masters course for yourself?

Check out the list of most popular questions around Chemistry programs

**What subjects are required to pursue Chemistry?**

A chemistry and a mathematics subject at high school level will be required as an admission entry requirement. English language subject will be a requirement as well at O levels.

A relevant 2nd class bachelor's degree in the relevant field will be required for entry into the field at a postgraduate level.

**How many years do you study a Chemistry degree?**

A bachelors degree in the field will take a minimum of 3 years and a maximum of 5 years with some institutions. The program could also involve placement opportunities in some institutions.

At a postgraduate level, a program in the field will take at least 12 – 36 months for the program to be complete

# Media, Arts and Design

Communication & Media

Design

Performing Arts

Visual Arts

# Communication and Media

## Build an exciting career in communication and media with globally marketable media courses from top-ranked universities.

Media is among the fastest-growing sectors in every country of the world. Media studies can fall into various categories, from news to films and TV to communication networks. As singer-songwriter Jim Morrison wisely said, whoever controls the media, controls the mind, the media has a huge impact on people's minds. Communication and Media courses are hence focused to prepare you to excel in media industries.

- Gain the skill to critique and analyse the ways media influences the mind of people
- Get practical exposure and freedom to use their creative skills along with travelling to see new places and learn new things
- Communication and Media jobs are found in practically every country, get an opportunity to study and grow a career abroad
- With this explosive expansion in the media technology in the world, you can burgeon your career from 0 to 100 quickly with Craydel's Communication and Media courses

## Top Marketable Careers for Communication and Media Course Graduates

The world is switching gears faster than you think. Mass communication and media jobs are rapidly adapting to growing technology, but it doesn't mean the crux of the job profiles has changed. Media is virtually shaping what we learn and how we learn it. Although depending on the specializations you choose to prosper your career in, there are a plethora of opportunities to choose from:

### Public Relations

Build a comprehensive foundation to practice within any public relations capacity, in areas as varied as diplomacy, business, government, non-profit agencies, professional associations, healthcare companies, and international organisations.

This field largely involves issuing statements and press releases to the public however, you can also work as a marketing coordinator, direct marketing spokesperson, copywriter, fundraiser, media buyer, account executive, or public information officer.

## Journalism

Journalists deliver information through online video, television broadcasts, and print media. Develop researching, investigating, interviewing, reporting, and writing, in addition to technical skills such as video, editing, shorthand, audio, content management, and web design.

Popular jobs within the industry include broadcast journalists, editorial assistants, magazine features editors, newspaper journalists, press sub-editors, publishing proofreaders, web content managers, or writers.

## Advertising

Advertising is about figuring out how to sell products and services to a specific demographic. You need to know an audiences' likes and dislikes and what will stand out to them above the other ads out there. Delve into the world of copywriting and art direction while also looking at business careers in advertising, media buying, planning, and sales.

Work as an advertising copywriter, production coordinator, creative director, graphic designer, consumer behaviourist, advertising sales manager, or advertising researcher.


## Film Production

Courses within this specialisation may cover audio and visual media principles, pop culture studies, animation, sound design, or other cinema-related studies. Learn to edit video and audio, operate camera equipment in television studios and work with production processes.

Popular occupations include content writers, producers, directors, cinematographers, editors, and art directors, as well as many other roles critical to the information and entertainment media industry.

## Photography

Studying photography enhances your creative, social, and cultural understanding while developing your specialist technical knowledge around equipment, techniques, and style. Learn to curate and exhibit your photography and develop the marketing skills needed to sell and promote it.

You also learn about the key legal, ethical, and cultural issues around taking, editing, and selling photographic images. These skills are applicable in an array of occupations other than being a photographer; including, advertising art director, illustrator, camera operator, or graphic designer.

## Global Media

Gain familiarity in a range of areas such as interactive web media, data, media production, journalism, and film studies. Develop a critical understanding of the changing global media environment and an insight into the role of the media in a globalised world.

Jobs are similar to those of a media graduate including advertising, arts administrator, broadcast journalist, editorial assistant, event manager, film director, magazine journalist, and market researcher, but with a global perspective.

## Digital Media

Digital media revolves around the fundamental concepts of art and design and how to apply creativity and skills to projects such as production and digital video editing, motion graphics, and 3D modelling.

Digital media focuses on computer-based project work, web design, digital animation and photography, digital photo editing, film studies, broadcasting, communications, graphic design, and digital video production. This prepares you to work in a variety of media fields including advertising, e-commerce, television, broadcasting, and more.

## Broadcast and Sound Engineering

Broadcast and sound engineering technicians set up, run and maintain the electrical equipment used in radio shows, television shows, concerts, sound recordings, and movies. They are skilled in operating, monitoring, and adjusting audio, video, sound, lighting, and broadcasting equipment to ensure consistent quality.

Some careers include audio engineers, sound designer / editor, playback operators, radio and television technicians, dub room engineers, or sound effects technicians. Additionally, because the technology is constantly improving, technicians are on a lifelong education journey, and often receive on-the-job training to become skilled in new equipment and hardware.

# Need help in deciding the best Bachelors in Communication and Media or MA program for yourself?

Check out the list of most popular questions around communication and media programs

**What is Communication and Media?**

It is a tool to either store but generally deliver a message, information or data to the public. It typically includes components of the mass media communications industry, such as print media, publishing, the news media, photography, cinema, broadcasting, digital media, and advertising.

**What are the subjects needed to study Communication and Media?**

For undergraduate courses like a BA in Communication and Media, there are no paramount subject requirements, although useful subjects include English, Literature, Psychology and Sociology. Universities often focus on getting diverse students for different majors. If you were a humanities major in high-school, your chances of getting in are higher.

For higher level postgraduate courses, universities often seek students who completed their bachelors or diploma in Communication and Media.

However, this depends on the specific university and course you would like to apply for, which Craydel expert admission counsellors can guide you through.

**How many years do you study for a Communication and Media degree?**

1. BA in media communications/ journalism/ mass media: **2-4 years**
2. MA in media communications: **1-2 years**
3. MA in Journalism and Public Relations: **1 year**

**What are the best courses for Communication and Media?**

If you are aiming to become a journalist, BA and MA courses in journalism and mass media will be suitable for you. A BA in Film and TV production would be the best choice if you want to step into the world of production houses. Whereas, communication courses like BA in Media and Marketing are often preferred by PR employers.

You can choose specialization courses like social media marketing, digital media studies to focus on particular sections of the media. If you have a career in mind and want to know the best suited course for your goal, consult Craydel's expert counsellors.

**What are the different careers in Communication and Media?**

Careers in mass media are very wide ranged, but almost all converge into the television industry and it's sisters.

- Almost all journalists in the world are graduates of communication and media or it's related course.
- If you want to get into the world of the entertainment industry; job profiles like PR executive, star manager, cinematographer and showrunner are trending.
- Photography is a profession which you should choose if you like traveling and creativity.

For an indepth look into some of the most popular specialisations, check out our "Top Marketable Careers for Communication and Media Graduates" section above

**How can Craydel help me find the best Communication and Media courses?**

If you want to get an edge over others applying for communication and media courses or want to study abroad and don't know where to start, experts at Craydel are here to provide you with quality services, helping you reign supreme a career in media or journalism. We provide you with-

1. Understanding the course and fee structures of various communication and media courses or suggest online media courses for correspondence course aspirants
2. Customized course selection strategies with various price points focused on your career goals
3. Psychometric tests to help you explore the career options which would fit you as a future media enthusiast
4. A place to choose the best media school for studying in countries like UK, USA, Canada, and Kenya

# Performing Arts

## Build an exciting career in Performing Arts with globally marketable courses from top-ranked universities.

Are you an art lover and wish to take your passion to the next level? Well, you can do that by grabbing a course in performing arts. The courses are numerous and available at top universities globally. Thus you will get a first-class education. With that, you will open a wide range of opportunities aimed at helping you and other people in general.

- Gain confidence, practice critical thinking, lateral thinking, and improve your skills by studying music, drama, and theatre arts.
- Communicate intellectually and emotionally, connect with others and gain skills like focus, poise, and overcoming anxiety.
- Explore numerous specializations like live sound, music theatre, theater arts, design and technology, drama, etc.
- Experience physical and personal development through body control, fitness, and awareness, positive lifestyle choices, to name a few.
- Learn to appreciate different cultures and communities by engaging in drama, music, and dance.

## Top Marketable Careers for Performing Arts Course Graduates

Performing arts graduates have more advantages than artists who have no education in arts. They can work as professional actors, dancers, musical theatre performers, theatre directors, screenwriters, and art administrators. Their working environment would largely revolve around schools, theatres, and studios, depending on their specialization. Some of the top-performing disciplines you can choose in performing arts include:

### Music

The musician's primary role is to entertain people through impeccable music. They show their music skills by singing and playing instruments for audiences and crowds. Musicians mainly perform in concerts, weddings, events, and nightclubs.

Since they are highly trained, they can play several instruments while singing and tuning the music so that the audience will flow with and enjoy. Music is a broad area; hence you can work as a music producer, recording artist, artist manager, session musician, tour manager, music teacher, booking agent, music publicist, composer, music arranger, etc.

## Live Sound

A live sound artist regulates different sound levels of various instruments during a performance. They adjust the volume levels for the vocal sound and instruments to give a pleasant sound to the ears. Additionally, they use the audio mixing board to bring together the inputs from different microphones present on stage.

Their main goal isn't just to balance the sound, but also to ensure it corresponds to the audience and band's desires. The need for a live sound artist is rapidly increasing with the increase in the music industry and many artists rising. They work in numerous places such as live music venues, traditional theatres, live concerts, etc.

## Dance

Dance refers to an artistic performance of music using accurate and highly measured gestures and steps. The dancers practically use coordinated body movements to express different emotions using dance sets to music. They engage in modern, acrobatic, or classical dances.

Moreover, the dancers also develop a unique routine and perform choreographed routines set to music. They work with several groups, including students, folk, jazz, ethnic, and tap. They also take signals from music and alter their styles according to the rhythm.

## Theatre Arts

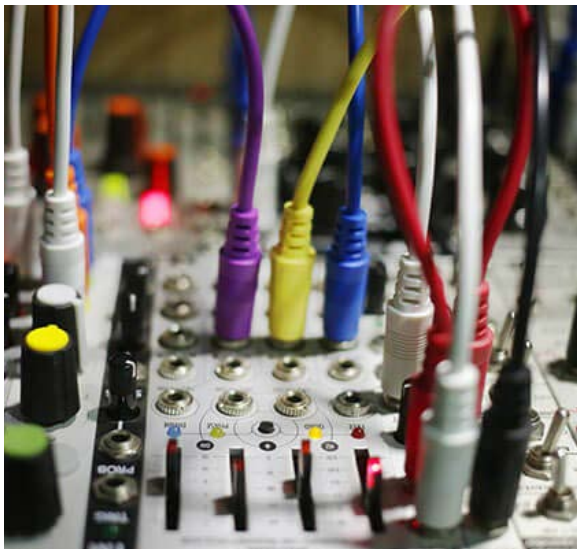
Theatre artists are actors that perform fictional or real stories to an audience. They use poems, drama, songs, dance, musicals, and speech to express their arts. Their responsibility is to learn and practice lines, dances, and vocals; take part in costume fittings; deeply research character and play; engage in dress and technical rehearsal; team up with other performers; use costume and props during their act, etc.

Their specialized skills are memorization, creativity, speaking, teamwork, reading, and improvisation. These skills play a significant role in helping them execute their duties. They also work in school settings where they teach different acting skills.

## Music Performance

Music performance encompasses various steps in the musical process where the musical ideas are realized and transmitted to a respective listener. A music performance artist has a bachelor of music (Performance) thus interprets musical lyrics or dance then relays them in production. They also show emotions and convey a story using vocals, body movements, and instruments.

They also teach students the strategies for performing specialized crafts. They collaborate with music directors to ensure performance is on a soundtrack. The music performance artist uses technical skills to read scripts and memorize musical notes and lines



## Sound Design

Sound design is a highly artistic area of production. Sound designers majorly track all sound effects from different sources such as live or recorded for a specialized output. They set up the sound playback equipment and train the board operator to give excellent results.

Besides, the sound designer teams up with the director and comes up with the right sound design to make a cue list. They also identify any other sound reinforcement equipment they may need and set it up. They have to be familiar with all sound equipment and know-how to record the effects. It's a must for them to be familiar with a computer editing program to give excellent work.

## Costume Designing

A costume designer has specific skills similar to a traditional fashion designer. That enables them to develop costumes/outfits that blend with different scenes. They also team up with lighting designers, scenic, sound designers, and other creative personnel to decide the right acting outfit.

Before costume designers start their process, they have to study the whole script and carefully evaluate its tone, plot, and period. They also ensure every costume they choose communicates the social status, age, and dramatic function of a character. Each actor's costume is compiled in a costume plot that tracks every character chronologically through the story

## TV and Film Production

TV and film producers control the entire production process, oversee the funds, and ensure the whole production is within the estimated budget. They look out for commercial viability and creative opportunities for production. They are the final decision-makers; hence develop ideas and hire writers to script them.

Furthermore, they identify and solve potential problems that may hinder production. They are aware of the creative processes of making a film or TV program stand, such as screenwriting, directing, and finally editing. They have extensive knowledge of what makes a film successful and have the vital marketing skills to market to the public and distributors.

## Stage Management

A stage manager oversees all the teams that take part in the day-to-day running of the theater production to performance and the post-show. They collaborate with the entire company to ensure the show is booming.

Additionally, the stage managers manage props and furniture during the run. They cue the sound and lighting technician. They can also make changes to props and set between scene changes and take charge of the on-stage and backstage area during the performance.

# Visual Arts

## Build an exciting career in Visual Art with globally marketable courses from top-ranked universities.

Visual arts are a potpourri of forms of art; photography, painting, drawings sculpture, pottery and crafts. Studying visual arts is opening upto fully experiencing art and trendsetting in the modern scope. Visual arts students will examine how art has changed over the centuries and also how it has remained the same, what techniques have remained supreme and why. This complex tapestry created by personal expressions and artistic evolutions are what visual arts learners will explore and build on in this course.

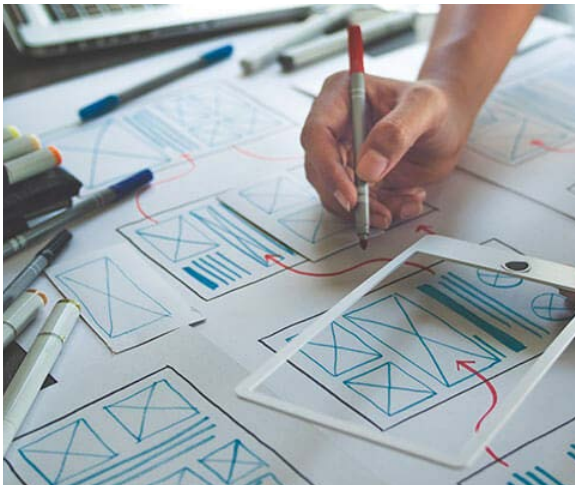
- Students develop their personalities as they discover and explore their creativity
- Visual skills enhance refined workforces as it stimulates expression and communication skills.
- Visual arts are instrumental in development of human emotions and confidence.
- Visual arts have a great effect on the meaning of art over time, historically and currently.
- Visual arts learning helps students develop critical thinking skills which in turn leads to students who deeply understand educational content.

## Top Marketable Careers for Visual Art Course Graduates

### Museum/Gallery Curator

A curator in a museum or gallery keeps inventory and manages collections of artifacts and works of art. These can be historical or current works, they will also oversee acquisition of new works, take care of them and be responsible for educating the museum visitors about them.

Museum and gallery curators work in arts established privately owned as well as the ones owned by government arts agencies



### Greeting Card Illustrator

Greeting cards designers and illustrators have great artistic ability in terms of creativity and expression. They are in touch with the seasons of life both at a personal level and at the level of the society.

The illustrators will crate and design cards with images and messages which are relevant to a celebration or topic. High skills in illustration and design are required in this career. They may use computer programs or free hand to draw their designs. They can work as freelancers, consultants or in publishing houses.

## Film Restoration Artist

A film restoration artist preserves by restoring and repairing damaged, ageing film back to original form or better. They will study artwork, identify materials composing the artwork, match them with exact materials in regard to colour, genre, shape and structure. The repaired product should look just like the original art piece.

They will in instances treat artwork too and keep record of the process. Film restoration artists work in museums, galleries, historical sites, educational institutions and even for governments. This field is highly specialized, a graduate that specialized in textiles may work in a museum restoring textile artwork while one who specialized in painting may work in a paintings gallery.

## Industrial Designers

Industrial designers will apply art, business and engineering to create products for everyday use. They will balance out features like aesthetics, function, production cost and usability when working on a design.

They will collaborate with the client to determine design requirements, research on the need for the product- who will use it and for what, sketch virtual ideas of the design, apply computer software to further develop virtual models of the design.

They will then create physical prototypes of these designs, come up with production costs from the materials projected for use, liaise with other specialized professionals to assess viability of product, evaluate product safety, function and outlook to determine practicality, present prototype and design for approval.

Requisite skills for industrial designers include; analytical skills, artistic ability, computer skills, creativity, mechanical skills, problem solving skills and excellent interpersonal skills. Industrial designers will work as consultants, for governments, for manufacturers etc

## Painter

Painters are important in any ecosystem, they will be required to read and interpret blueprints and instructions to advise on the necessary amount of work. They will then prepare the site and ready it for work, this may include covering fixtures and scaffolding the building.

They will prepare the surfaces to be painted by removing old paint, using sandpaper to even them out etc. An eye for detail, being professional, understanding colour schemes and client needs are some of the skills that a good painter will exhibit.

Painters will work as freelancers or consultants, in real estate, in government and also in private companies.

## Post Production Coordinator

Post production work is what happens after filming a project is done. The Post production coordinator will offer technical support for digital content delivery, transcoding, archiving etc. They will process raw footage in relevant digital programs, resize and upload images in high resolution to servers for use by relevant teams, watermark images for design placement, organize and back up high resolution image databases.

They will retouch images for final publication, liaise with other teams to ensure all image needs are met promptly, run edits as required by the production manager, they will assess workflow in operation for scalability and efficiency.

Requisite skills for post-production coordinators are digital and social media skills, Photoshop skills, Illustrator skills, media encoder and after skills, editing skills, communication skills, marketing skills. Post production coordinators can work as freelancers and can work in film production, television, social media content production, documentary production houses etc.

## Potter

A potter designs and creates items from clay using a potter's wheel or their hands. They will research on the items on demand, they will sketch them and create prototypes, they will ensure the products are functional as well as aesthetically appealing.

Potters are required to be creative and artistic, have analytical skills, problem solving skills, in tune with trends and be a practical thinker. They can work as self-employed consultants and can also be employed.

## Talent Agents

Talent agents are responsible for linking their clients with jobs. They are the link between employers and employees. Talent agents will have a specialty, be very well networked, have an eye for talent, negotiate contract terms, provide insights and recommendations to clients.

They will have administrative skills, great marketing skills and be duly licensed.

Special Effects Artist- Special effects artists create optical, mechanical and computer generated effects for TV, movies, films and computer games. To do that, several skills are important for the artist, these include; computer design skills- animation, graphics and graphic design. Creativity, flexible working hours and marketing skills.

Special effects artists can be self-employed or employed.

## Prop Maker

Prop makers is an artist and technician who creates required custom props for a production. They will also modify and customize available or rented props to make them applicable for a production. Most prop makers work in theatrical productions working closely with the art director and the production designer.

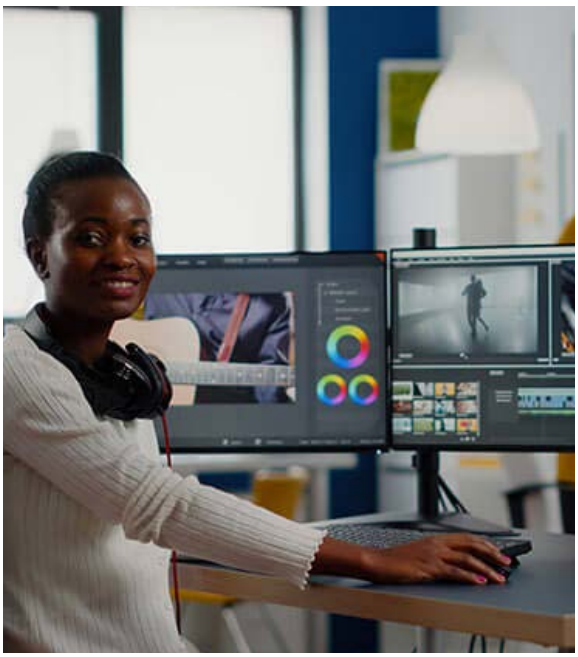
Necessary skills for a prop maker are; art skills, design skills, carpentry craft skills, painting skills, tool work skills. Prop makers can be self-employed or employed.

## Set Designers

Working closely with directors and set builders, set designers will go through a production script, conceptualize the set, design it, acquire materials and uphold the overall look of the production set.

They will liaise with other production crew to ensure set details are in line. They will supervise set construction in partnership with the prop makers and set builders. They will generate cost estimates and negotiate good deals with vendors.

Set designers will benefit from skills like; 3D design skills, theatre skills, TV skills, film skills, architecture, interior design skills, creativity, eye for detail, time management skills. Set designers can work in both formal and informal sectors.



## Photo Journalist

Photojournalists capture ethical, authentic images, they take still pictures as well as live video footages, they process or print film and generate digital well edited images. They write subsequent copy and captions to accompany their images for use in press reports.

A photo journalist will pay attention to detail, have inter personal skills, organizational skills as well as up to date computer skills. They can work as freelancers, work for media houses and consult across sectors.

# Design

## Build an exciting career in Design with globally marketable courses from top-ranked universities.

Design is a varied and exciting field that involves creative and tech-based problem solving. With new tech companies emerging each year, skilled designers are increasingly being sort after.
Explore the versatile fields of design development incorporating basic terminologies and principles of media theory and visual communication. Get exposed to the basic elements of design, principles and overview of software used in design, graphical elements of design and digital design principles.

- Explore unlimited roles in the design sphere.
- Equip yourself with skills and techniques of graphic and other interactive designs in the industry.
- Access professional mentorship as you learn from professional designers who teach and set client briefs for students allowing them to learn practically.
- Enjoy flexibility in learning from affordable online design courses.
- Get a chance to ideate and identify possible future opportunities and trends.

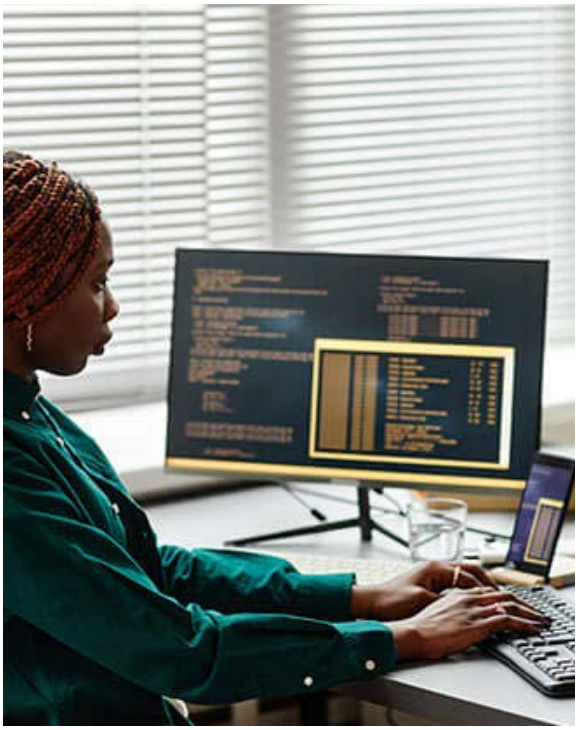
## Top Marketable Careers for Design Course Graduates

### User Experience (UX) Designer

UX designers are highly sought after as they design applications, software and video games and websites. They make sure that these are intuitive and user friendly by researching on people's feelings and expectations about a particular system.

The designers will then design products to satisfy the needs of the end user, they apply analytics to particular components of systems like value, credibility, accessibility and viability. A UX designer will also improve an existing system like a website for a client.

They will ensure that the improved website has no virtual clutter, no frustrating forms, missing forms and links etc. Their valuable skills will include Adobe Creative Suite, Prototyping, UX wireframes, user research and visual design. They will work in government sector, private sector and even as sought after consultants.



## Graphic Designers

Graphic design is one of the popular career pathways for design students. A graphic designer will fuse artistic ability and technical skill to create a design that appeals to its target market segment. Graphic designers have conspicuously been instrumental in marketing campaigns and projects.

They create marketing and educational designs, brand identities, product illustrations and websites using computer software. Necessary skills for graphic designers are not limited to Adobe creative suite, canva and other software, marketing skills, social media skills, website design, product packaging and creativity.

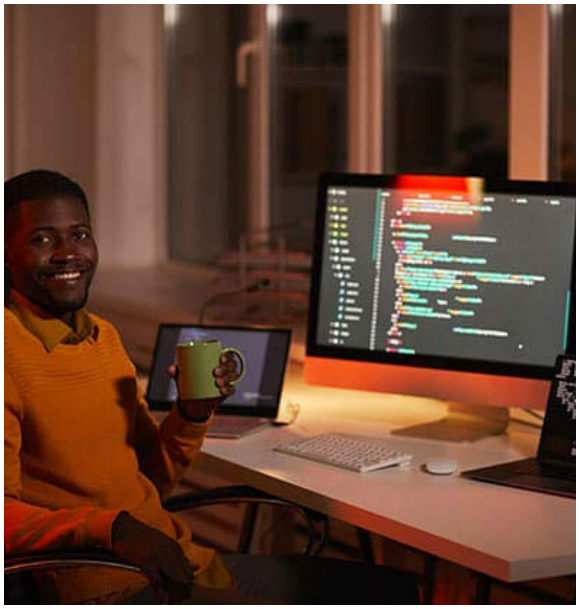
Graphic designers will work across sectors and industries and even as consultants and freelancers.

## User Interface (UI) Designer

UI designers are specialized to creating and improving interfaces making them more user friendly and easily accessible by the end user. In apps and website interfaces, the touch buttons and icons that guide the user across menus and options are the works of UI designers.

This job requires that the designer balances the needs of an applications user with the needs of the application's developer unveiling a practical solution and functional system. Desirable skills for user interface designers include interactive design, adobe creative suite, JavaScript, UX wire framing and wire research.

UI designers can work in government agencies, IT companies and as freelancers and consultants.



## Interior Designers

Interior designers will work in interior spaces applying aesthetic appeal, functionality and safety. They will research on, recommend and install furniture, colour schemes, lighting, flooring and other aspects of a room or indoor space. Interior designers will present their ideas in sketches or use design software to present their ideas to structural engineers, architects, clients and builders.

A great interior designer will be in touch with current trends, client needs, be patient and a good communicator. Desirable skills will include project management, budgeting, space planning, purchasing, customer service and Computer Aided Drafting/ Design (CAD) Software.

Interior designs are marketable in real estate, government sector, private sector as well as self-employed consultants.

## Photographer

Photographers apply creativity and technical composition skills while capturing moments in photographs which document stories and events. Currently most photographers use digital cameras and professional editing tools to deliver commercial quality photographs.

Desirable skills for photographers are digital photography, videography, customer service, video editing, social media skills and Photoshop skills. Photographers can work across sectors, as studio owners, mobile photographers and as consultants.

## Multimedia artist and Animators

These professionals design and create special effects and animations for video games, movies, television and other media platforms both conventional and digital. Their works range from 2D to 5D and it is an exciting, limitless ever growing career line.

Multimedia artists and animators work with script writers and producers to bring characters to life using computer software or using their own code. Prized skills for these professionals include; animation. Motion graphics, Photoshop, graphic design, adobe after effects and 3D modelling. They can be employed across sectors and they are also very successful self-employed multimedia artists and animators.

## Art Director

Art directors are experienced art practitioners who understand various principles of art application. An art director may be able to design graphics, photography or another combination of artistic skills. Art directors communicate with their clients while also handling budgets and project timelines. They are usually overseeing a team of designers and approve materials before presenting them to clients.

Desirable skills for art directors include graphic design, adobe creative suite and other software programmes, creative direction, project management and budgeting. Art directors work in advertising and public relations agencies, work for magazines, newspapers, television, internet-based publications etc. They are also successful as consultants in self-employment. This is a rewarding career path with room for self-growth and expression.

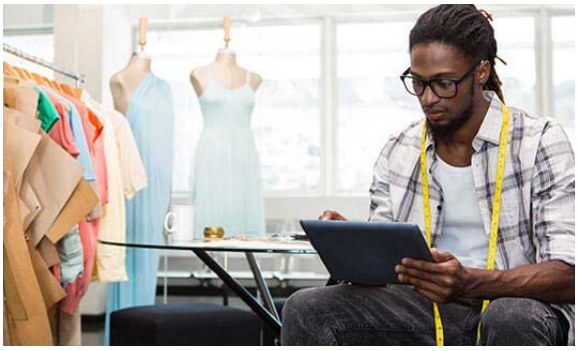
## Digital Marketing Managers

These professionals contribute immensely to the growth and survival of brands and projects on social media platforms. They are excellent communicators, very creative with a flair for trends, they are boldly expressive and in tune with their target markets as well as their clients.

Digital marketing managers will be at an advantage if they have these skills in the bag; budgeting, project management, social media skills, ad campaigns and digital advertising. Digital marketing managers can work across sectors, they are an asset to every brand, every project and every business targeting the many clients in online spaces.

It helps a lot that internet penetration is at an all-time global high and growing, digital marketing managers are also successfully running digital marketing agencies and going at self-employment positively. This is a space that is on an upward trajectory, there is no telling where it goes as it can only get better.

## Fashion Designers



Fashion designers design new clothes trends and accessories. They make popular trends with fabrics, jewelry, shoes, bags name it. They sketch their ideas to design on paper or on design software applications. They then determine textures, colours and materials to complete their designs.

Fashion designers stay abreast with latest trends by attending fashion shows, research and reviewing fashion publications. Desirable skills for fashion designers include; product design and development, sketching, adobe creative suite, customer care, merchandising and sales and marketing.

Fashion designers can work for fashion houses, prominent people and society leaders, they can also sell their designs to agents and sales representatives for top fashion brands. Many fashion designers are successfully self-employed. This career line is versatile and has no limits to how far it can grow.

## Film and Video Editor

Film and video editors use footages presented by photographers and videographers to create productions that are professional for artistic, commercial and promotional use. They work with producers and directors to settle on content that will captivate their audiences and to have a well flowing production.

Film and video editors cut footage into frames marked for audio and package raw footage into a professional end product. Desirable skills for film and video editors include; adobe creative suite, social media, video production, video editing, music and sound application.

Film and video editors will find jobs in media houses production units, music production studios, social media content productions. They can be employed or consult as self-employed professionals. This career pathway is exciting and limitless.

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