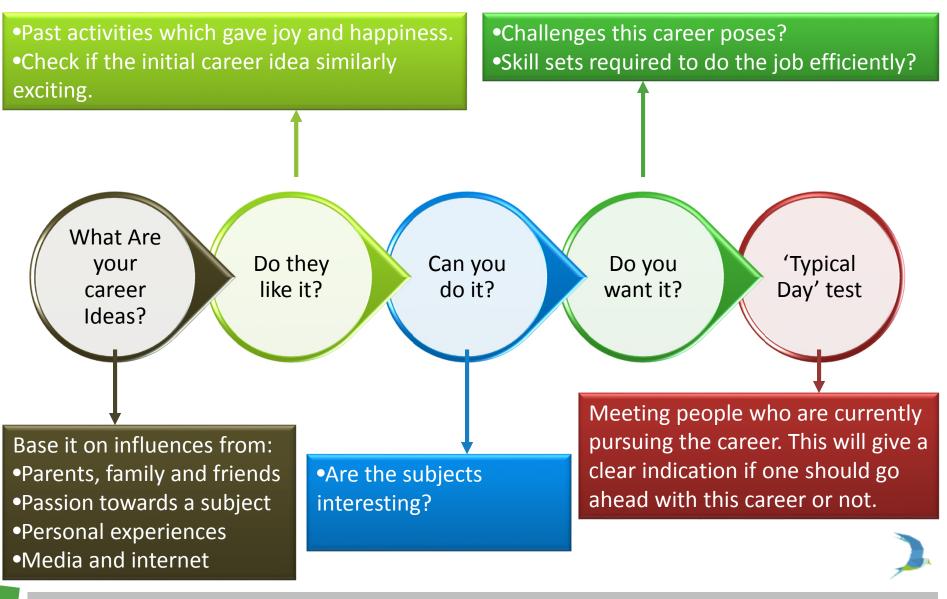


Subjects Combination & Career

Help students discover careers



Subject Combination in Class XI

There are three main streams from which you can choose subjects:

Science

Commerce

Humanities.

Whichever the stream is, students have to choose any five subjects. Sometimes, the students select one additional subject in order to score higher percentage.



Science Stream (Medical)

Main Subjects	Optional Subjects
Physics, Chemistry, Biology	Math's, Psychology





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- Forensic Science deals with aspects like examining and gathering new information about the events that have occurred in the past.
- In the 21st century Forensic Science has many applications- Forensic Psychology, Fingerprint Analysis, Fire Investigation, Mobile Device Forensics. With law enforcement being the biggest employer for this particular field, many students choose this career for the excitement that it provides.

• USA: Many states in the United States of America have declared Forensic Science as one of the best and most promising career option in the future. The courses offered here are for a time duration of 4 years with fees approximating from \$20,000 to \$35,000 per annum.

The top college's are:

Syracuse University George Washington University Boston State University University of California

• UK: More than 25 universities that are widely known in UK offer full time courses in Forensic Science. The bachelor's degree here in the UK is for four years and the fees approximate from 11,000 to 15,000 pounds per annum depending upon the college.

The best college's are:

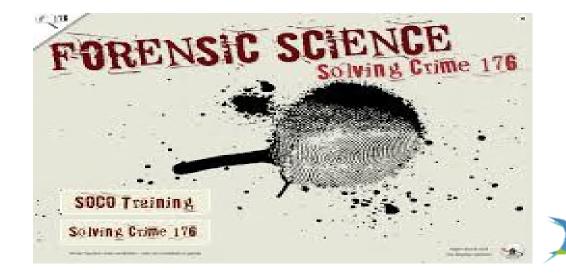
Newcastle University University of Strathclyde University of Southampton Cornwall's College of the Ocean

•India: There are a number of colleges and universities in India which offer courses in Forensic Science for a duration of 3 years; the average fee structure is 1 lakh to 1.5 lakhs per annum. The colleges which offer these courses are:

Osamania University, Hyderabad

Amity University, Noida

Guru Gobind Singh Indraprastha University, New Delhi



Training Areas:

•A student of Forensic Sciences is trained in specific areas. Following are some of the training areas:

DNA analysis

Firearm examination

Collection and storage of evidence

Preparation of reports of findings

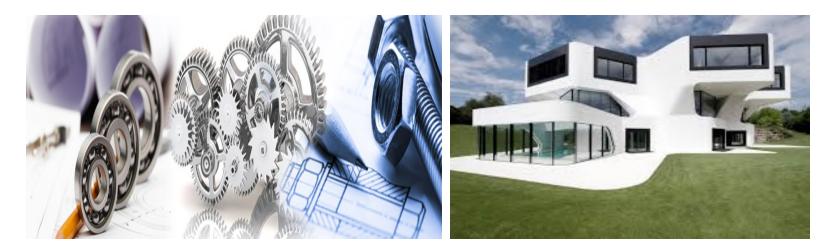
Consultations with experts regarding issues like the time of death or a DNA

Emerging Career Option in Science

Biotechnology
Forensic Science
Biomedical Sciences
Health Care
Hospital Management
Geo Sciences

Science Stream (Non Medical)

Main Subjects	Optional Subjects
Physics, Chemistry, Maths	Computer Science





Careers in Sciences (Non Medical)

•Actuarial Science. •Architecture •BCA Computer Science & Information Technology •Defense •Designing Engineering & Technology •Leather Merchant Navy •Pilot •Science •Textile



Actuaries Risk is Opportunity."

 The field essentially deals with the education of insurance risks and Financial Management of **Insurance Companies**. It involves the application of Mathematics, Statistics and Economics in the decision making process of a wide range of industries. The most prominent of these industries include insurance, investment and financial planning & management companies. Actuaries are professionals who are qualified in this field through education and experience.

UK - UK is the best country to pursue **Actuarial Science** related courses. It spends billions of pounds each year on financial products such as insurance, pensions and mortgages. Colleges like Oxford, Cambridge, Imperial College London, University College London, King's College, University of Southampton, University of Manchester, and University of Birmingham are some of the best colleges in the world which offer these courses.

USA - The United States is not too far behind in offering specialized courses. With most of the top notch Ivy League colleges of the world in this country, you will not go wrong. Apart from the Ivy League colleges, you can also choose from the 4 year full time courses in University of California-Berkeley, UCLA, UC-San Diego, University of Michigan and Boston University. There are ample scholarships available for deserving students.

India - In India, a fellow member of the Institute of Actuaries is known as an Actuary. To become a fellow, one has to first become a student member of the Institute, clear all the papers of the Institute and then fulfill other criteria from time to time. The eligibility criteria to appear for Actuarial papers are subjective. 10+2 passed students who have attained 85% marks in Mathematics / Statistics or graduate, or postgraduate students with 55% aggregate or more in Mathematics, Statistics are eligible to apply.

There are a total of 15 papers and there is no fixed duration of the course. If pursued with complete dedication, the course could be completed in 3-4 years. The exams are conducted twice in a year in May/June and Oct/Nov. Thankfully; there are no restrictions on the number of attempts per paper. The best colleges which help develop a **career in Actuary** in India are Bishop Herber college - Tiruchirapalli, C.M.D. School of Insurance and Actuarial Science - Modi Nagar - U.P. and Amity School of Insurance and Actuarial Science - Noida - U.P. There are also many globally recognised training institutes for insurance and risk management courses.

Career Prospects

The **profession of Actuarial Science** is consistently ranked as one of the most desirable in various studies over the years. Following are the various sectors in insurance in which an Actuary can find work:

• Life, health, pensions, annuities, asset management, social welfare programmes, property casualty, general insurance and reinsurance

• Actuaries are also involved in other areas of the financial services industry, and can be involved in managing corporate credit, company evaluations, and tool development.

Careers in Sciences (Non Medical)

•Animation

- •Automotive Engineering/Motorsports Engineering
- Actuarial Science
- Biomedical Engineering
- •Biostatisticians
- •Cloud Computing
- Ethical Hacking
- •Electronic media
- Geo Sciences
- Network Security
- •Plastic, Polymer & Rubber Technology.
- •Visual & Digital Effects
- Web Technology



Commerce with Maths

Main Subjects	Optional Subjects
Business Studies, Accounts,	Psychology,Information
Economics, Maths.	Practice





Careers in Commerce with Maths

Architecture
Actuarial Science
BBA,
Banking
CA, CS, ICAI
Commerce (B.Com)
Computer Science & Information Technology
Economics Event Management
Export management
Finance
Hospital Management
Hospitality & Tourism Management
Law
Management
Mass Communication



Accountancy – What is it and Why?

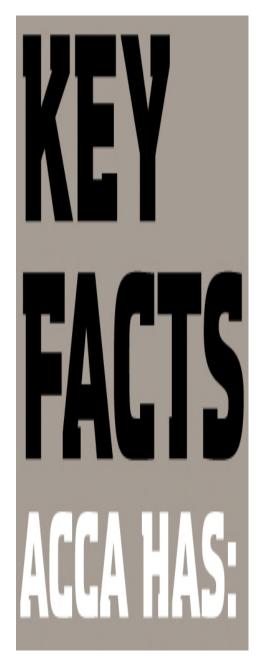
- Accounting measures the results of an organization's economic activities and conveys this information to a variety of users including investors, creditors and management
- Accounting can be divided into several fields including financial accounting, management accounting, auditing, and tax accounting.
- All organizations need professionals who understand finance, talented people who can make the business a success. And professional accountants play a vital role in wider society too.
- Accountancy is a career choice that gives you lot of opportunities in terms of career development and personal growth in a company.
- Accountancy has a lot of variety in terms of fields you choose and the type of organization you can work with.
- Most importantly, it is a career which gives you lot of responsibility and prestige as it is important to every and any business.

Accounting is known as the "language of business"

What is ACCA

- ACCA stands for Association of Chartered Certified Accountants.
- ACCA's office is headquartered in London and its administrative office is located in Glasgow.
- ACCA is the global body for professional accountants and gives students the qualification to work as an accountant. They are a leader in terms of recognition and size. They are also a leader in diversity and inclusion; and are prepared to be different and to innovate.
- ACCA is the leading international body in terms of size in 54 markets worldwide; they enjoy statutory recognition in the UK and other markets and are also recognized in the national education frameworks of a number countries. These recognitions benchmark ACCA as equivalent to post graduate level.
- Every 6 minutes, someone joins ACCA.

ACCA has 1,47,000 members and 4,24,000 students across 170 countries.



Unrivalled global network

ACCA is *the* global body for professional accountants with over 162,000 members and 428,000 students in 173 countries

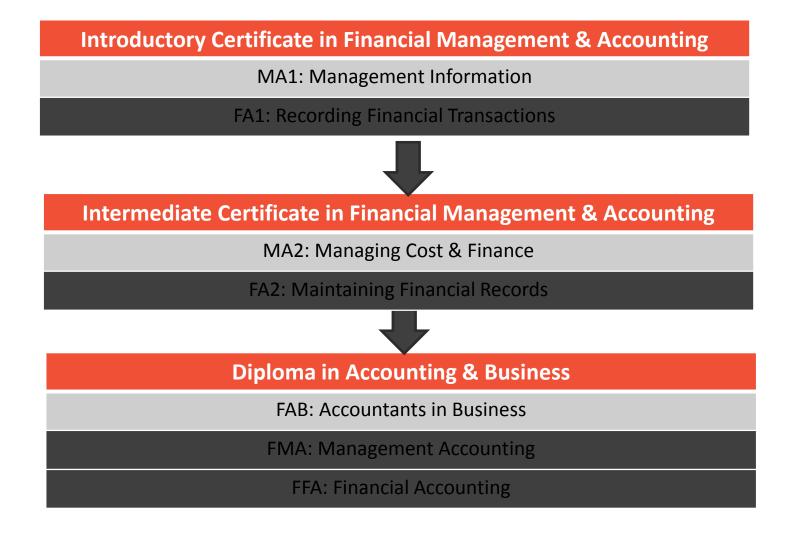
□ACCA qualifications are based on international accounting standards making them globally relevant

ACCA qualifications are recognized by key regulatory and education authorities around the world and they joint membership of other international accountancy bodies

A world-class global reputation helps:

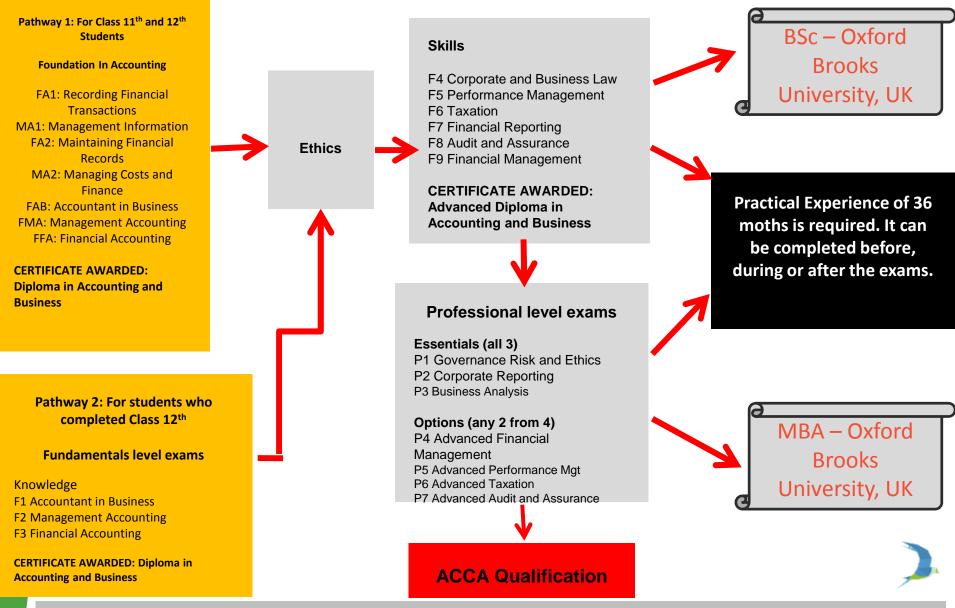
Increase your earning potential
 Improve your career progression opportunities
 Provide international mobility to your career

Foundations in Accounting





Pathway for ACCA Qualification











	Global AC	CCA Approved E	Employers	
	The 'Big 4' Accounting Firms – PwC, EY, KPMG, Deloitte			-
	3i Group	Diageo	Procter & Gamble	GENPACT
	Accenture	F. Hoffman-La Roche	RSA	Global Business Impact**
	American Express Services	GE	Rolls-Royce	
	Arup Group	Goldman Sachs International	Shell	
	AstraZeneca	HSBC Holdings	Standard Chartered Bank	
	BAE Systems	Hewlett Packard	Standard Life Assurance	bp
	BP	IBM Finance	Thomson Reuters	1
	ВТ	JPMorgan Chase	UBS Investment Bank	***
Unilever	Barclays Bank	Kerry Group	Unilever	
	British American Tobacco	Lloyds Banking Group	Verizon	
	Cisco Systems	Microsoft	Vodafone Group	
	Deutsche Bank	Philips	W S Atkins	
HSBC (BDO KP	Standar Chartere	d 🗲
The world's local bank				
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Careers in Commerce with Maths

Advertising
Actuarial Science
Banking
Business Ethics
Corporate Communications
Chartered Financial Analyst
Events Management
Foreign Trade : Exports & Imports
Hospital Management
Luxury Brand Management
Packaging



Commerce without Maths

Main Subjects	Optional Subjects
Business Studies, Accounts,	Maths, Psychology,
Economics	Information Practice

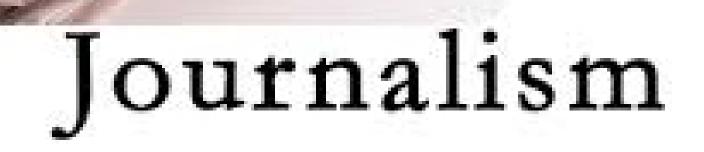




Careers in Commerce without Maths

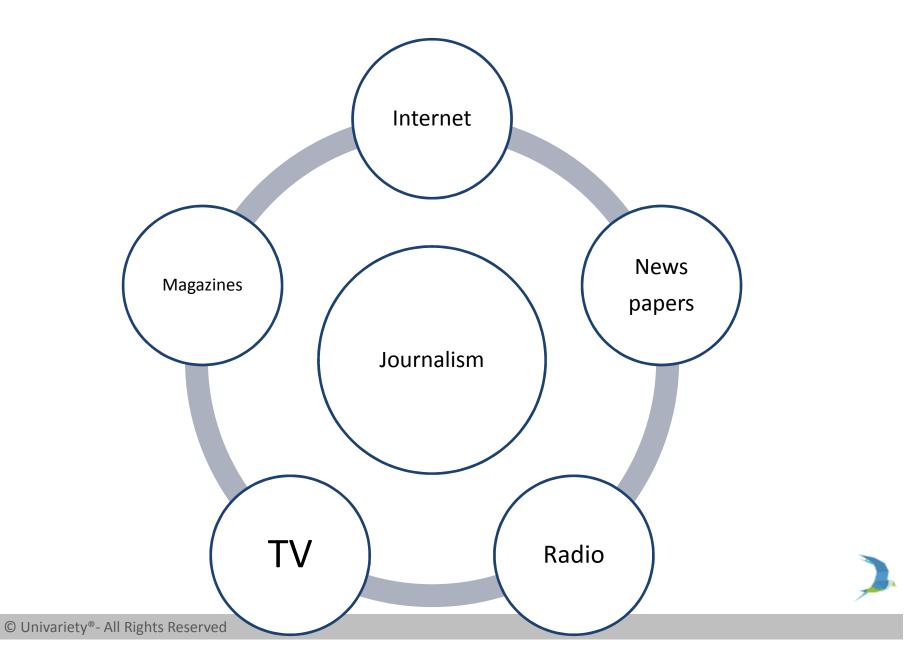
BBA
Banking
BCA
CA, CS, ICAI
Commerce (B.Com)
Computer Science & Information Technology
Event Management Export Management
Hospital Management
Hospitality & Tourism Management
Law
Management
Mass Communication
Psychology



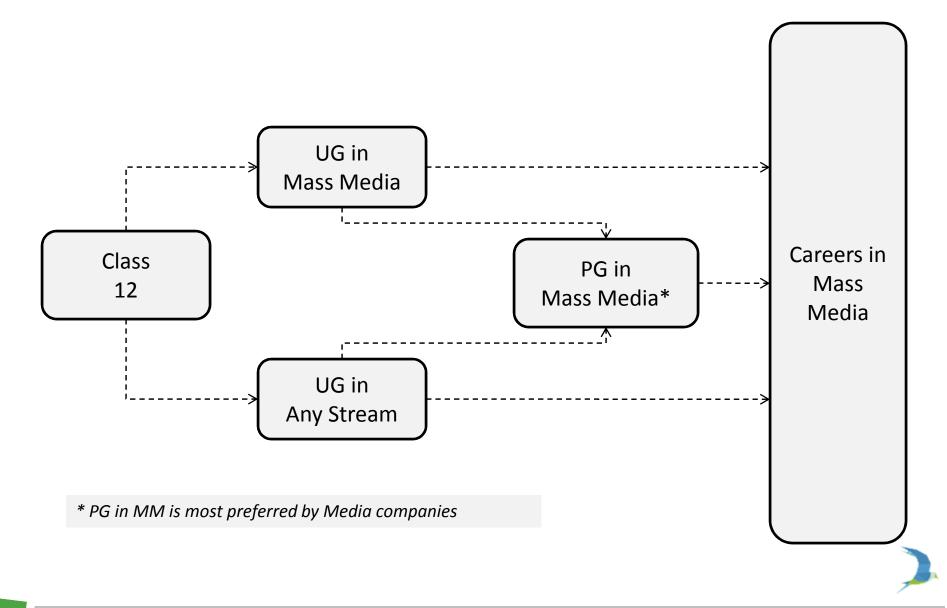




Journalism Media



Routes to a career in MM



Bachelors in MM

Duration: 3 years	
Type: Non-residential	
Admissions: 40-50% in class 12 th from any stream, usually no entrance exams, GD, PI	
Specializations: in 3 rd year, limited to Journalism, Advertising	

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Where can you study?

Rank	Name of Institute	City	Score (1000)
1	IIMC	Delhi	593.1
2	Xavier Institute of Communications	Mumbai	582.8
3	AJ Kidwai Mass Comm Research Centre	Delhi	375.9
4	MICA	Ahmedabad	351.7
5	Symbiosis Institute of Mass Communication	Pune	351.7
6	Asian College of Journalism	Chennai	341.4
7	FTII	Pune	337.9
8	Bharatiya Vidya Bhawan	Delhi	193.1
9	Dept of Communication & Journalism	Pune	186.2
10	Dept of Mass Comm, Bangalore University	Bangalore	155.2

Emerging Careers in Commerce without Maths

Advertising
Banking
Business Ethics
Corporate Communication
Events Management
Entrepreneurship
Foreign Trade : Exports & Imports
Hospital Management
Luxury Brand Management
Packaging



Humanities Stream

Main Subjects	Optional Subjects
History, Geography, Political Science	Economics, Psychology





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Careers with Humanities

Art & Design.
Advertising
Cartoonist
Designer
Education & Teaching
Events Management
Film Making
Fashion Technology

Fine Arts
Humanities
Hospitality & Tourism Management
Interior & Exterior
Designer
Law
Media, PR & Communication
Photography

Emerging Career Option in Humanities

Brand Management
Business Ethics
Cyber Law
Event Management
Fashion & Styling
Foreign Language
Psychology
Social Work
Social MediaS
Tourism Management



PSYCHOLOGY

Study of

- Seeks to understand and change behavioral patterns of the human mind
- Subjects covered
 - Applied Psychology
 - Experimental Psychology
 - Developmental Psychology
 - Psychometrics

Good colleges

- St. Xaviers College, Mumbai
- Sophia College for Women, Mumbai
- Fergusson College, Pune
- LSR College, Delhi
- St. Stephens, Delhi
- Keshav Mahavidyala, Delhi
- Indian Institute of Psychology and Research

Common Jobs

- Applied Psy: counseling, training, market research, advt
- Clinical Psy: mental issues
- Counseling: family, educational (learning, career), organizational (HR)
- Sports Psychology
- Criminology
- Teaching after Bed
- Academics & Research
- NGOs

Any Subjects combination in Class XI

Art & Design.
Advertising
Architecture
BBA
Cartoonist
Designer
Army
Events Management
Education & Teaching

•Foreign Language •Fine Arts •Film Making/Studies Hospitality & Tourism Management Interior & Exterior Designer •Law •Media, PR & Communication Photography •Social Work •Sports & Physical **Education**







