

Course Suggestions for UG & PG Students

Broad Classification of Courses

- Science students can apply to all the program irrespective of fields.

- **For Commerce Student without Maths**

Business

Accounting

Hospitality

Arts

Design

Sports

Journalism & Media

Language & Communication

- **For Commerce Student with Maths**

Computer Science

Computing

Information Systems

Data Science

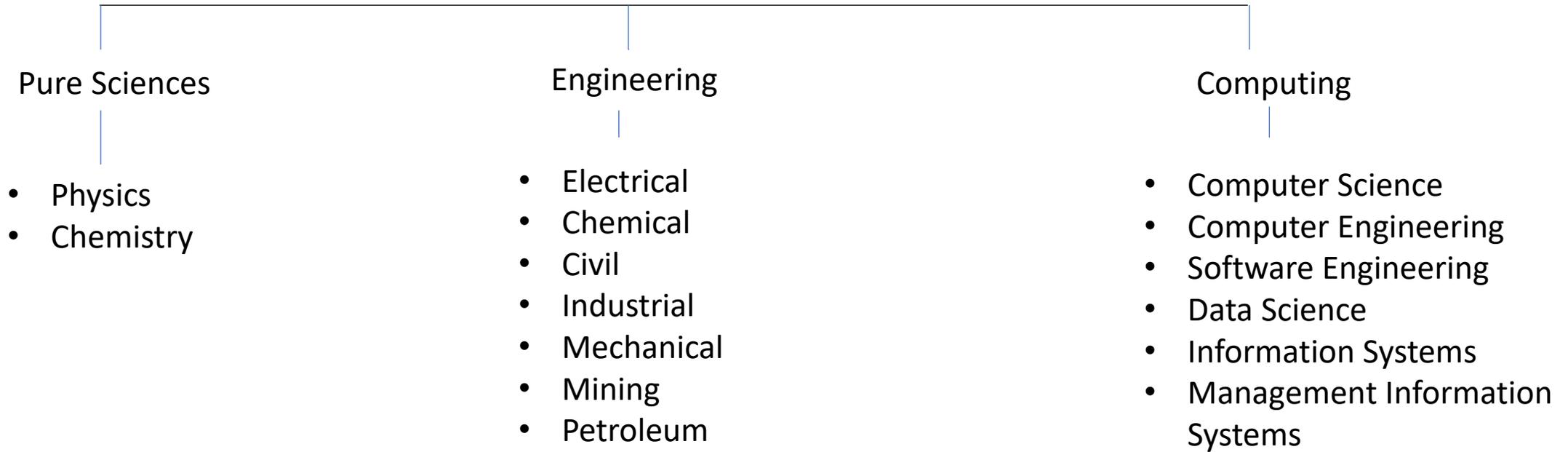
Business Analytics

- **Note: Commerce Student can apply the above courses which has been mentioned without maths.**

For Arts Student

- Business
- Accounting
- Hospitality
- Arts
- Design
- Sports
- Journalism & Media
- Language & Communication

Science Field with PCM



Classification of Engineering Courses

Electrical/Computer Engineering

- VLSI
- Embedded
- Microprocessor
- Artificial Intelligence
- Communication
- Robotics
- Nanotechnology

Mechanical Engineering

- Fluid Mechanics
- Thermodynamics
- Automotive
- Robotics
- Renewable Energy

Civil Engineering

- Structural
- Environmental
- Transportation
- Surveying
- Remote Sensing
- Sustainable Energy
- Construction Management
- Project Management

Petroleum / Mining Engineering

- Oil & Gas Energy

Science student with PCB

Pure Sciences

- Biology
- Biological Science
- Microbiology
- Immunology
- Virology
- Genetics
- Marine Science
- Cancer Biology
- Toxicology
- Pharmacology
- Pharmaceutical Sciences

Health

- Health Administration
- Clinical Research
- Public Health
- Biostatistics
- Epidemiology
- Community Health
- Psychology

Arts and Design

- **UG:-** Students from any background in 12th can apply to Art and Design programmes. Portfolios are also very important for art and design applicants.
- **PG:-** The most preferred subjects to have studied in PG would be art, design, or design and technology. But you can also show your creativity with other subjects like photography, fine art, product design & Cinematography. Portfolios are also very important for art and design applicants.

Creative Arts

- Painting
- Sculpting
- Music
- Dance
- Film
- Acting

Design

- Digital Culture
- Media Arts and Design
- Visual Communication Design
- Studio Art
- Theatre Production
- Apparel and Merchandising
- Visual Communication and Design
- Theatre Studies
- Design and Merchandising
- Graphic Design
- Textile Design
- Fashion Design

Architecture and Building

- **UG** :- Students from Science background are eligible to apply for Architecture courses. English language, art and design and mathematics are all preferable subjects to have studied before applying to an Architecture programme, and you should also enjoy drawing freehand and have an interest in design and producing 3D work.
- **PG** :- A relevant degree is needed to be eligible for Master's course. At many USA universities, a portfolio of work is crucial in being offered a place. Student from Civil Engineering background are eligible for below programs.

List of Courses:-

1. Bachelors of Architecture
2. B.S. in Interior Architecture and Design
3. B.A. in Environmental Planning & Design
4. B.A. in Design Studies
5. Bachelors of Landscape Architecture
6. B.A. in History of Art and Architecture
7. Master in Architecture
8. Master of Landscape Architecture
9. Masters of Interior Architecture (MIA)
10. M.S. in Integrated Architecture & Design
11. Master in Urban Design and Planning

Accounting, Finance and Economics

- **UG** :- Maths is the most useful subject to have when you're applying for an accounting degree. But Economics, statistics, and business are all useful subjects too. Generally, students from Commerce background are preferred but science students can also apply.
- **PG** :- Usually, a second-class honours degree in a subject related to finance, accounting or business studies is required. Students from any quantitative backgrounds are also welcomed.

List of Courses:-

- BBA in Accounting
- B.S. in Business Administration
- B.A. in Business
- BBA in Finance
- B.A. in Global Business
- B.A. in Economics
- M.S. in Applied Economics
- M.A. in Economics
- M.S. in Accounting
- Masters of Accounting
- M.S. in Finance
- BS in Information Systems
- BS in Actuarial Science
- MS in Statistics
- MS in Financial Engineering
- B.S. in Financial Management
- B.S. in Financial Engineering
- B.S. in Quantitative Finance
- M.S. in Financial Risk Management
- M.A. in Financial Economics

Business and Management

- **UG:-** Maths is preferred to have studied in 12th Std. However, some universities will accept 10th Std Maths in lieu of the same by enrolling student for a math placements test
- **PG :-** Usually management courses accept degree qualification from any field .Work Experience is required for MBA in Top Ranked Universities. Some Universities also offers MBA without Work Experience. A keen interest shown in SOP bolsters the application.

List of Courses:-

- Business Economics
- Business Analytics
- Mathematics
- Business Information Systems
- B.A. in Global Business
- Business Administration
- Business Analytics
- Business
- International Business (M.I.B.)
- Management
- Business & Information Systems
- Marketing
- Human Resource Management
- Engineering Management
- Technology Management

Computer Science

- **UG** :- Students from Science background are eligible to apply. 60% or above is required in 12th Maths and Computer Science(if studied).
- **PG** :- Relevant UG background is required. However, some universities offer conversion courses also which does not require any specific background. Irrelevant UG background is sometimes considered if the applicant has a strong Work Experience in that domain.

List of Courses:-

1. BS in Computer Science
2. BS in Computer Science with Artificial Intelligence
3. BS in Cloud Computing
4. BA in Computer Games Design
5. BS in Web and Mobile Development
6. BS in Data Science
7. MS in Computer Science
8. MS in Human Computer Interaction
9. MS in Cyber Security , MS in Information Technology
10. MS in Robotics & AI
11. MS in Software Development , MS in Machine Learning
12. M.S. in Artificial Science

Education

UG :- Specific subjects in 12th are not generally required, unless taking a subject based degree (i.e., education with English may require an 80% in English). You will also need at least five subjects in 10th whose grades should range from (A – C) including English and Maths.

PG :- Usually , a honors degree in an education background is preferred.

List of Courses :-

1. B.S. in Secondary Education
2. B.S. in Special Education
3. B.S. in Early Childhood Education
4. B.S. in Middle Childhood Education
5. Bachelors in Liberal Arts
6. B.S. in Physical Education
7. B.S. in Community Health Education
8. B.S. in Elementary Education
9. M.S. in Health Education
10. M.Ed. in Curriculum & Instruction
11. M.A. in Educational Studies
12. M.Ed. in Curriculum & Instruction
13. M.Ed. in Education Administration

Engineering

- **UG** :- Usually, 60% or more is required in Maths and Physics in 12th Std.
- **PG** :- A degree in relevant subject is must.

List of Courses:-

1. B.S. in Computer Engineering
2. B.S. in Electrical Engineering
3. B.S. in Aerospace Engineering
4. B.S. in Architectural Engineering
5. B.S. in Biomedical Engineering
6. B.S. in Mechanical Engineering
7. B.S. in Chemical Engineering
8. B.S. in Civil Engineering
9. B.S. in Industrial Engineering
10. M.S. in Computer Engineering
11. M.S. in Chemical Engineering
12. M.S. in Electrical Engineering
13. M.S. in Software Engineering
14. M.S. in Mechanical Engineering
15. M.S. in Engineering Management

English Language and Linguistics

- **UG** :- Generally Arts and Humanities students apply for these courses. However, Students from science and commerce background with good English marks can also apply.
- **PG** :- A minimum of a second-class Honours degree is preferred . Applicants without these formal qualifications but with significant appropriate/relevant work/life experience can apply.

List of Courses:-

1. B.A. in Linguistics
2. B.A. in Spanish : Hispanic Linguistics
3. B.A. in English
4. B.A. in Liberal Studies
5. B.A. in Applied Linguistics
6. B.A. in Creative Writing
7. B.A. in Linguistics and Cultural Studies
8. B.A. in Spanish
9. M.A. in Women's and Gender Studies
10. M.A. in English (Composition, Literature, Creative Writing)
11. M.A.T. in Adolescence Education: English Language Arts (7-12)

Hospitality, Events and Tourism Management

- Entry requirements for such courses isn't any specific and accepts students from all background provided the intent to study is well explained in SOP.

List of Courses :-

1. B.S. in Hospitality Management
2. B.S. in Parks, Recreation & Tourism
3. B.S. in Hospitality Industry Management
4. B.S. in Hospitality Business Management
5. B.S. in Tourism and Events Management
6. BBA in Management
7. B.A.S. in Hospitality Leadership
8. BS in Luxury Hospitality Management
9. Bachelors of Sport Management
10. M.S. in Tourism, Hospitality, and Recreation Management
11. M.S. in Hospitality Management
12. MBA in Hospitality Leadership
13. M.S. in Hospitality Management

Health and Clinical Science

- **UG** :- Students from Science background are eligible to apply for these courses.
- **PG** :- Generally , an upper-class degree in Health-related subjects such as Nursing, General Nursing and Midwifery, Physiotherapy etc. is required to be eligible for Masters course. Some courses like Public health might require some prior Work Experience. (WES may be also required)

List of Courses :-

1. B.S. in Public Health
2. B.S. in Health Science
3. B.S. in Health Promotion & Education
4. B.S. in Integrated Health Studies
5. B.S. in Nursing
6. Bachelors in Pre-Medicine
7. Bachelors in Pre-Dentistry
8. BS in Psychology
9. B.S. in Care, Health and Society
10. B.S. in Kinesiology
11. B.S. in Health and Exercise Science
12. B.S. in Bio-Health Sciences
13. Masters of Public Health
14. M.S. in Health Informatics & Management
15. Masters of Healthcare Design
16. M.S. in Pharmaceutical Sciences
17. M.S. in Health and Exercise Science

Humanities

- **UG** :- Most of the Universities will require students having studied specific humanities subject. In addition, you will also need minimum C grade in 5 subjects in std 10th including Science, English, and Maths.
- **PG** :- Applicant should have a degree in relevant discipline.

List of Courses:-

1. B.A. in Humanities
2. Bachelors in Liberal Arts
3. B.A. in Applied Humanities : Business Administration Emphasis
4. B.A. in Humanities and Cultural Studies
5. B.A. in Interdisciplinary Social Sciences
6. B.A. in Humanities for Leadership
7. B.A. in Medical Humanities
8. Masters of Humanities
9. M.A. in Environmental Arts and Humanities
10. M.A. in Latin and Classical Humanities
11. M.A. in Liberal Arts

Journalism and Mass Communication

- **UG** :- Students from any background can apply to these courses . A strong SOP bolsters the application.
- **PG** :- A minimum of a second-class relevant degree is preferred . Applicants without these formal qualifications but with significant appropriate/relevant work/life experience can apply. (Portfolio also required)

List of Courses :-

1. B.A. in Journalism
2. B.A. in Communication
3. B.A. in Journalism and Media Communication
4. Bachelors of Journalism in Broadcasting
5. B.A. in Mass Communications
6. B.A. in Multimedia Journalism
7. B.A. in Communication Studies
8. B.A. in Sports Journalism
9. B.S. in Visual Communication
10. B.S. in Multiplatform Journalism
11. M.A. in Journalism
12. M.S. in Mass Communication
13. M.A. in Journalism and Mass Communication
14. M.A. in Digital Journalism and Design

Law

- **UG** :- Generally Students from commerce field enter this field. However , science students can also apply to these courses.
- **PG** :- A first- or second-class bachelors degree qualification in Law. (LSAT may be required)

List of Courses :-

1. Pre-Law
2. Bachelors in Paralegal Studies
3. B.A. in Criminology and Justice Studies
4. Bachelors in Legal Studies
5. BS in Corporate Law
6. LLM (Master of LAW)
7. Master's International Development Policy - MIDP
8. M.A. in Criminology, Law and Society
9. Masters in Health Law (LL.M.)
10. LL.M. in American Law for Foreign Lawyers

Life Sciences

UG :- Science subjects, such as chemistry, biology and physics, are essential, and maths is often strongly recommended. Most Life Science degrees will require an 60% or more in one of geography, biology, maths or physics.

PG :- Biological and Medical Science background will be required.

List of Courses :-

1. B.A. in Biological Sciences
2. B.S. in Medical Sciences
3. B.S. in Pharmaceutical Sciences
4. B.S. in Physics
5. B.S. in Animal Sciences: Equine Emphasis
6. B.S. in Biology
7. B.S. in Nutritional Sciences
8. M.S. in Biological Sciences
9. M.S. in Nutrition Sciences
10. M.S. in Pharmaceutical Sciences
11. M.S. in Animal Sciences
12. M.S. in Forest Sciences
13. M.S. in Environmental Sciences

Pharmacy

- **UG** :- Generally , subjects such as Maths , English and Chemistry are required. Many universities require more than 70% in your science subjects.
- **PG** :- Relevant Degrees in Biology and Chemistry are generally required for Pharmacy degrees.

List of Courses:-

1. Pre-Pharmacy
2. PharmD - Pharmacy
3. B.S. in Chemical Sciences
4. B.S. in Health Sciences
5. B.S. in Chemistry
6. B.S. in Health Psychology
7. B.S. in Radiography
8. B.S. in Pharmaceutical Sciences
9. M.S. in Pharmacy Administration
10. M.S.in Pharmaceutics
11. Master of Acupuncture
12. M.S. in Pharmaceutical Economics and Policy
13. M.S. in Pharmacology
14. M.S. in Regulatory Affairs and Health Policy
15. M.S. in Occupational Therapy

Sports

- Entry requirements for such courses isn't any specific and Universities accept students from all background provided the intent to study is well explained in SOP.

List of Courses :-

1. B.S. in Sport Administration
2. B.S. in Parks, Recreation & Tourism
3. B.S. in Sports Management
4. B.S. in Sports Health
5. B.S. in Sports Media & Communication
6. B.S. in Sport Science
7. B.S. in Kinesiology
8. M.S. in Sports Administration
9. M.A. Sport and Recreation Management
10. M.S. in Kinesiology
11. M.S. in Recreation, Event and Sports Management
12. M.S. in Sports Science
13. M.Ed. in Sports Management
14. M.S. in Recreation & Sports Administration

Liberal Arts

- Liberal Arts — is a flexible multidisciplinary programme, which gives those who want to specialise in more than one subject the chance to study in some of the USA's most highly-regarded departments in the Arts, Humanities, and Social Sciences. Liberal Arts is one of the oldest areas of study in the world, encompassing areas of social sciences (history, law, economics), life sciences (chemistry, physics, geology) and humanities (art, linguistics, ethics).
- A Liberal Arts degree will prepare you for work in a wide variety of sectors due to the depth of knowledge you acquire across a range of subjects. Graduates can expect to find positions in teaching, publishing, marketing, international relations, government, media, law and much more.
- For Undergraduate, a relevant subject is required in 12th for which the student applies.
- For Masters, a relevant UG degree is expected.

List of Courses :-

- B.A. in Liberal Arts
- B.A. in Interdisciplinary Liberal Arts
- BA in History of Arts - Liberal Arts
- B.A. in Integrative Studies
- BS in Political Science
- M.A. in Liberal Arts
- Master in Liberal Studies
- Masters in Political Science

Interdisciplinary studies

- Cognitive Science (Linguistics, Design & Computer Science)
- Interdisciplinary studies
- Robotics (Electronics, Mechanical & Computer Science)
- Engineering Management
- Mechanical (Electrical & Mechanical)
- Nanotechnology(Electrical & Computer Science)