

upes.ac.in

ADMISSIONS OPEN 2022



NEW

ENGINEERING | COMPUTER SCIENCE | DESIGN | BUSINESS | LAW | HEALTH SCIENCES AND TECHNOLOGY | MODERN MEDIA | LIBERAL STUDIES

# About UPES

Established in 2003 through the UPES Act, 2003 of the State Legislature of Uttarakhand, UPES is a UGC-recognized university and has been accredited grade 'A' by NAAC. National Institutional Ranking Framework (NIRF), Ministry of Education, has ranked UPES amongst the top 100 universities to study in India. In addition, the school of Engineering at UPES has been ranked 91, the School of Business is ranked 46, and the School of Law is among the top 25 institutions in India. The university has received QS rating 5-Stars for Employability (placements), Academic Development, Program Strength, Campus Facilities and 4-Stars for overall teaching.

UPES offers industry-aligned and specialized graduate and postgraduate Programs through its eight schools: School of Engineering, School of Computer Science, School of Design, School of Law, School of Business, School of Health Sciences & Technology, School of Modern Media and School of Liberal Studies.

Given its industry-oriented programs and emphasis on holistic development, UPES graduates are a preferred choice for recruiters, ensuring a track record of 90% + placements over the years.

UPES faculty members are an illustrious group, with over 700 academicians from world-renowned institutions such as Oxford, Cambridge, Harvard, Stanford, UC Berkeley, Yale, MIT, Cornell, Columbia, Imperial College London, IISc, IITs, IIMs, National University of Singapore, Tokyo etc. and includes Rhodes, Fulbright, Commonwealth, Chevening, DAAD, Eiffel and Erasmus scholars. 15 UPES faculty members are on the list of top 2% researchers in the world, popularly known as Stanford list and seven of the faculty members at UPES have found a place in the one of most coveted "Highly Cited Researchers" list published by Clarivate.

UPES is driven by its core philosophy and purpose of delivering outstanding student outcomes. In 2021, it was awarded the 'University of the Year-North' by ASSOCHAM and Institution of Happiness award by QS I- Gauge in association with ASSOCHAM



Ranked amongst  
TOP 100 Universities  
in India



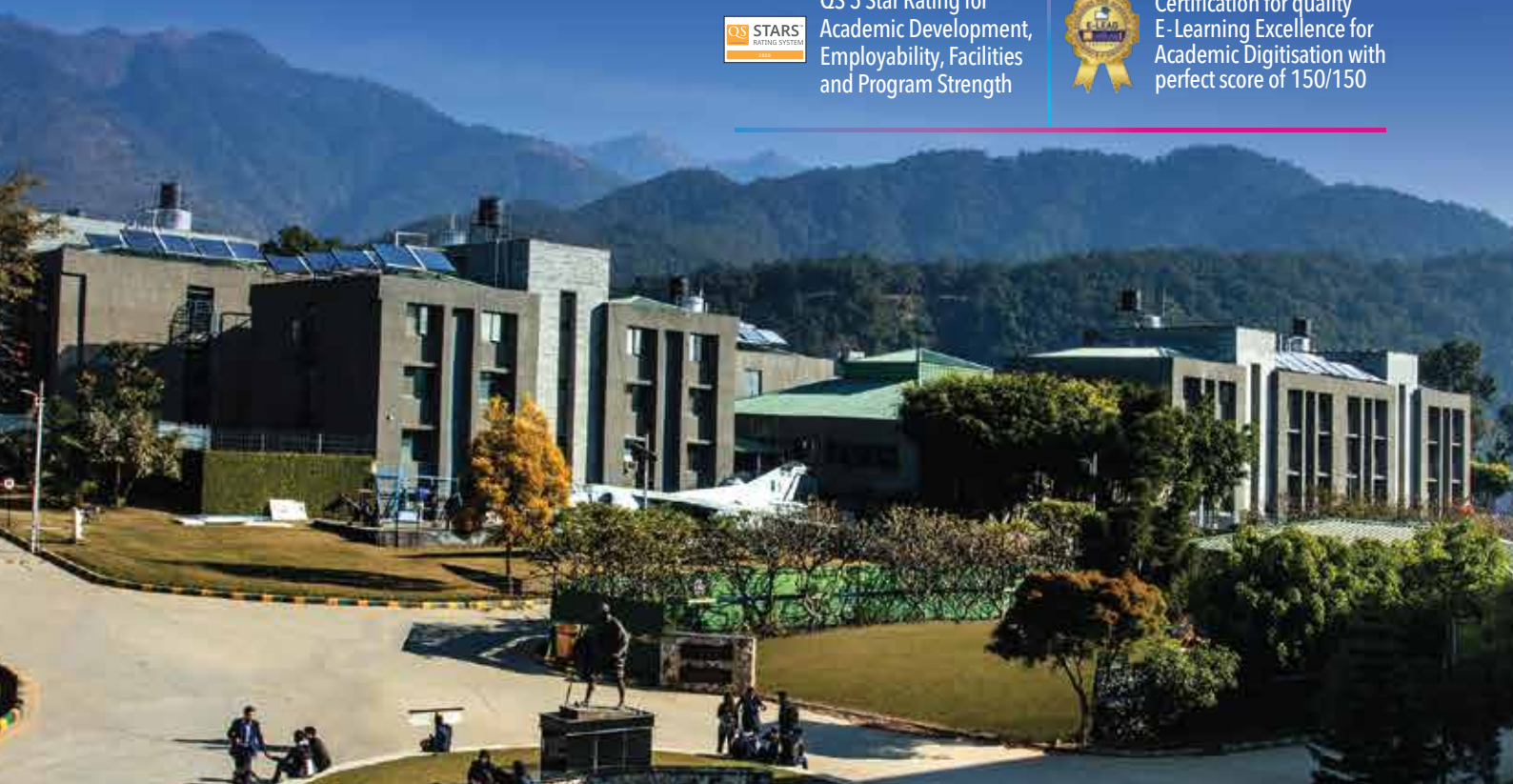
Accredited  
Grade 'A' by NAAC



QS 5 Star Rating for  
Academic Development,  
Employability, Facilities  
and Program Strength



Certification for quality  
E-Learning Excellence for  
Academic Digitisation with  
perfect score of 150/150

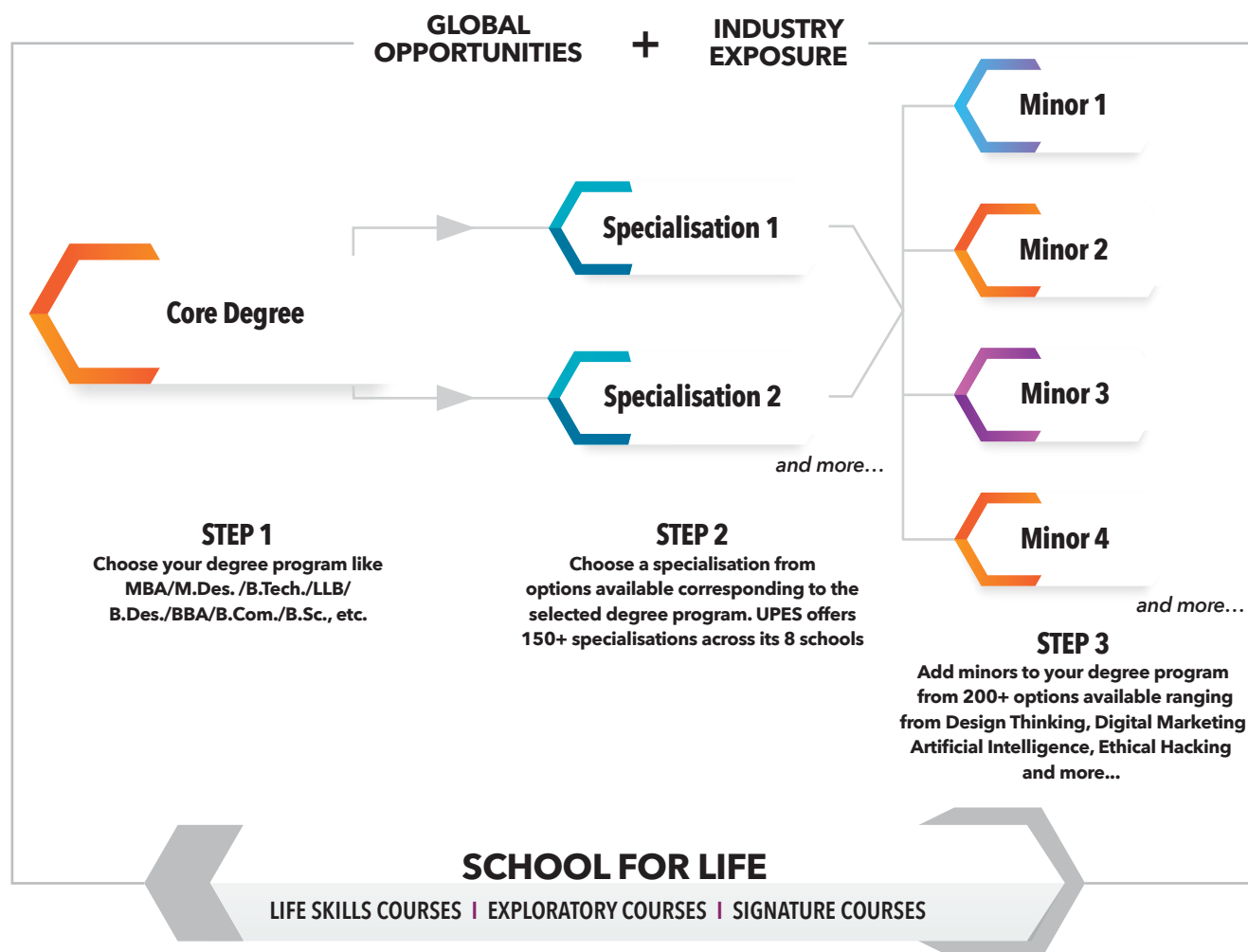


# Design Your Own Degree

UPES curriculum framework is holistic in its overall structure and yet focuses on the individual need of the students to discover, experience, explore and challenge. Along with the core subject, students can choose from subject-focused specialisations. They are also allowed to choose minor/exploratory subject from other schools at UPES that are: School of Engineering, School of Computer Science, School of Law, School of Business, School of Health Sciences & Technology, School of Design, School of Modern Media and School of Liberal Studies.

The curriculum also offers Signature and Life-Skills courses through School for Life. To round off this learning experience, students are required to do mandatory internships in the social sector, government/public sector and industry.

The combinations available for students to pick and choose from are endless, ensuring both depth and width of knowledge.



# Holistic Development at UPES



What is the purpose of education? Is it merely to make students employable, remove ignorance and impart knowledge? Or is it to create a better world? The seismic shifts taking place globally, necessitate action to ensure a secure and equitable future for all. Learners today are, therefore, required to be creative, collaborative and communicative. They must develop skills to solve complex problems that plague humanity, work towards equity, uplift the underserved, live healthy, happy, and productive lives. UPES School for Life (SFL)

was established with the intention to create true changemakers. Students learn to apply an in-depth understanding of attained life skills and broad-based subject competencies along with core subject qualifications to take advantage of educational and employment opportunities. This broad-based learning experience helps them evolve throughout their professional and personal lives.

The undergraduate program at UPES offers four clearly demarcated, yet academically integrated areas, covering Core Specialisation courses, Exploratory (Interdisciplinary Electives), Signature and Life Skill courses, all of which are credited and are the basis of the degree awarded. School for Life offers the latter three selections of courses, which are structured to be read alongside the students' core academic curriculum.



### EXPLORATORY

(Interdisciplinary Electives)

give students the freedom to read a variety of courses from different schools for an all-round learning experience.



### SIGNATURE COURSES

include areas that are not specifically linked to a vocation and focus on 21st-century learner skills, empowering students to become global citizens of the future. It includes courses such as History and Constitution of India, Theory of Everything and Digital Transformation.



### 'SRIJAN' SOCIAL INTERNSHIPS

offered as part of SFL, are full-time, 8-week-long internships with social sector organisations. These internships are mandatory for all first-year students. Through these internships, the students get exposed to social sector challenges and find ways to overcome them. In the process, they build empathy and learn valuable leadership skills.



### LIFE SKILL

courses allow students to pick additional skills with a focus on enhanced employability and communication, along with management and professional skills, including critical thinking, problem-solving and creativity.

# Unmatched Global Opportunities at UPES

Study abroad opportunity at **The University of California-Berkeley**

Guidance and counselling for application to various **international scholarship opportunities**



Student exchange opportunities at the world's top Universities such as **University of Adelaide - Australia**  
**University of Essex - UK**  
**IED - Italy**  
**Taipei Medical University - Taiwan**  
**Taylor's University - Malaysia**  
**Universiti Sains - Malasiya**  
**Universiti Teknologi Petronas - Malasiya**  
**Polytech Nantes - France**  
**Southern Federal University - Russia**  
**National University of Kaohsiung - Taiwan**  
 and many more

Master's Progression in International Partner Universities after completing Bachelor's from UPES



Semester abroad with a tuition fee waiver at **The University of Law -UK**  
**University Canada West - Canada**  
**& UE - Germany**

Credit Transfer Program Facilitating Progression Opportunity to **the University of Queensland - Australia, University of New South Wales - Australia, Nottingham Trent University-UK and GISMA- Germany**



Assistance for **International Internships/ Projects**



Co-teaching by International faculty from **The University of Law-UK**  
**UE-Germany**  
**University Canada West-Canada**  
**& INT-Israel**

# Industry in the Classroom

## Industry-alliances

- Courses co-developed and co-delivered by industry partners
- UPES has tie-ups with IBM, Essar Oil, HPCL and many more



GE Healthcare



Microsoft



Xebia



Phillips Carbon Black Limited

ESSAR



STUDIO 34



Infosys



---

## Masterclasses

- UPES conducts several interactions with industry stalwarts such as Dr. Deepak Vohra, Ambassador, Made in India Dr. Jagdish N. Seth, Prof. Marketing, Emory University (Padma Bhushan Awardee) Dr. Rupinder Singh Sodhi, Managing Director, Amul India
  - Geeta Suthar, Co-founder, Fractal Ink Design Studios, Prof. Nina Sabnani, Industrial Design Centre, IIT Bombay, Pratap Bose, Chief Design Officer, Mahindra Group
  - Mr. Vijay Vaidya, Associate Director (Statistical Programming), AstraZeneca Biopharmaceuticals R&D, USA, Ms. Richa Mattu, Nutrition & Health leader, Dr Vikas Shirsath, Operating Unit Head, Discovery Chemistry and many more
  - Insightful and interactive sessions help students get a closer, more in-depth look at the sector and an essential skillset required for a successful career
-

# The Future Of Learning



---

## Start-up Incubator, Runway

Seed fund, mentoring support and an 8-week intensive program for start-ups across the country.

## Unmatched Global Opportunities

Opportunities for Semester Exchange, Semester Abroad, Progression, International Internships, Credit Transfer, and many more. Some of our partner universities are: The University of Queensland - Australia, The University of California - Berkeley, The University of Law-UK and more.

## Design Your Own Degree

A new curriculum framework to enhance multidisciplinary knowledge and enable learner driven learning.

## Holistic Learning

Trans-disciplinary learning through School for Life. Sports, an integral part of the curriculum.

## Academic Excellence

15 faculty members in the list of top 2% researchers of the world as per Stanford University research group and 6 among Clarivate's highly cited researchers list.

## Education for All

Up to 100% scholarship\* based on entrance exam; 50% seats reserved for girls. 33% fee concession for bonafide Uttarakhand students\*  
Sports scholarships\*  
Freeships\* to underprivileged students.

\*T&C apply. For more details, visit [upes.ac.in](http://upes.ac.in)

---

# Recruiters

MICROSOFT	CROMA
DECATHLON SPORTS INDIA	BECHTEL INDIA
ACCENTURE	BERGER PAINTS
ADANI POWER	ADANI AIRPORTS
BIAL	GENPACT ANALYTICS
DELHIVERY	BLUEDART
EVALUESERVE	HDFC LTD.
THINK GAS	INATECH
PHONEPE	WIPRO
PROTIVITI KNOWLEDGE AND INNOVATION CENTER (PKIC)	TRANSWORLD GROUP
BANGALORE INTERNATIONAL AIRPORT LIMITED	INDIA INFRASTRUCTURE
HILTI INDIA PVT. LTD.	AMAZON
GLOBAL DATA	LTI - L&T INFOTECH
IFOS AVIATION	IEX
IHS MARKIT	KPMG
INFOSYS LIMITED	MARKETS AND MARKETS
DELOITTE	JSW STEEL LTD.
NESTLE	ITC LTD.
PXIL	SPICEJET
RELIANCE INDUSTRIES LIMITED	TCIL
TORRENT GAS/TORRENT POWER	INDIAN OIL ADANI GAS PVT. LTD.
TCS	



Placement assistance up to 5 years



# Programs Offered

## School of Business

### BBA

CORE	SPECIALISATIONS*	MINORS* (Indicative list)
BBA	Marketing Management	Artificial Intelligence Digital Marketing Digital Transformation Start Your Start-up Business Analytics International Business Operations/Project Management Financial Analysis and Services Family Business and Entrepreneurship
	Finance Management	
	Human Resource	
	Operations Management	
Analytics and Big Data	Programming for Analytics	
	Big Data Analytics and Mining	
Digital Business	Digital Media Laws	
	Digital Marketing	
Oil and Gas Marketing	Petroleum Business	
	Oil and Gas Operations	
Green Energy and Sustainability	Sustainable Development	
	Green Energy Business	
Logistics Management	Logistics Management	
	Service Operations	
Aviation Management	Airport Capacity Management	
	Travel and Tour Operations	
Foreign Trade	International Trade Negotiations	
	Regional Economic Integration	
 Bachelors to Master's Progression (Complete your Bachelor's in UPES and Master's at Partner University Overseas)		
 BBA (2 years in UPES and remaining at Partner University Overseas)		

### BA


CORE	SPECIALISATIONS*	MINORS* (Indicative list)
BA (Public Policy and Administration)	Public Administration	Artificial Intelligence Digital Marketing Digital Transformation Start Your Start-up Business Analytics International Business Operations/Project Management Financial Analysis and Services Family Business and Entrepreneurship
	Indian Administration	

### B.Com. (Hons.)

CORE	SPECIALISATIONS*	MINORS* (Indicative list)
B.Com. (Hons.)	E-Commerce	Artificial Intelligence Digital Marketing Digital Transformation Start Your Start-up Business Analytics International Business Operations/Project Management Financial Analysis and Services Family Business and Entrepreneurship
	Banking and Insurance	

\*Specialisation & minors to be opted after 1st year depending on the selected program.  
Credits would depend on the minors/exploratory courses chosen during the program duration.

## MBA

CORE	SPECIALISATIONS*	MINORS* (Indicative list)
MBA	Marketing Management	Artificial Intelligence Digital Marketing Digital Transformation Start Your Start-up Business Analytics International Business Operations/Project Management Financial Analysis and Services Family Business and Entrepreneurship
	Finance Management	
	Human Resource	
	Operations Management	
Digital Business	Web Design and Development	
	Search Engine Optimization	
Business Analytics (In collaboration with KPMG)	Energy Analytics	
	Data Mining	
Oil and Gas Marketing	Petroleum Marketing and Business Development	
	Natural Gas Business	
Power Management	Power Business and Regulations	
	Green Energy and Transition to Sustainability	
International Business	International Business Law and Negotiation	
	Cross Culture Management	
Logistics and Supply Chain Management	Logistics Planning/Supply Chain	
	Business Process in Supply Chain	
Aviation Management	Airline Service Operations	
	Aviation Enterprise Management	
Start-Up and Entrepreneurship	Incubators & Accelerators	
	Business Innovation	
Strategy and Consulting (In collaboration with KPMG)	Emerging Strategies in New Economies	
	Business Innovation and Leadership	
 <b>MBA (Global) (1 year in UPES and remaining at Partner University Overseas)</b>		

## 4-Year Integrated Programs

CORE	SPECIALISATIONS*	MINORS* (Indicative list)
Integrated (BBA) - (MBA)	Marketing Management	Artificial Intelligence Digital Marketing Digital Transformation Start Your Start-up Business Analytics International Business Operations/Project Management Financial Analysis and Services Family Business and Entrepreneurship
	Finance Management	
	Human Resource	
	Operations Management	
Integrated (B.Com. (Hons.)) - (MBA)	E-Commerce	
	Banking and Insurance	

## Ph.D. Programs#



Ph.D. (Economics)
Ph.D. (Management)

\*Specialisation & minors to be opted after 1st year depending on the selected program.  
Credits would depend on the minors/exploratory courses chosen during the program duration.

#For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

# School of Engineering

## B.Tech.

CORE	SPECIALISATIONS* (Choice based in 3 <sup>rd</sup> year)	MINORS* (Indicative list) (Choice based in 2 <sup>nd</sup> year)
Electronics & Computer Engineering	Wireless Communication	<b>AI &amp; ML</b> <b>IoT</b> <b>Blockchain</b> <b>Data Science</b> <b>Bio-Mimetics</b> <b>Sustainability Engineering</b> <b>Climate Change</b> <b>Disaster Management</b> <b>Reclaim Engineering</b> <b>Astronomy &amp; Astrophysics</b> <b>Space Engineering</b> <b>Statistics &amp; Probability</b> <b>Economics</b>
	Signal Processing	
	Cloud Computing and Artificial Intelligence	
	Anti Hacking System and Blockchain Technology	
Applied Petroleum Engineering (Upstream)	Exploration and Production (E & P) Data Management	
	Digital Oilfield	
	Integrated Reservoir Management	
	Automation and Intelligent Production System	
	Automation and Intelligent Drilling System	
Applied Petroleum Engineering (Gas Stream)	City Gas Distribution	
	Gas Processing	
	Industry 4.0	
Aerospace Engineering	Propulsion	
	Structures	
	Space Technology	
Chemical Engineering	Refining and Petrochemicals	
	Process Design and Intensification	
	Clean Energy Technologies	
	Paint and Polymers	
	Biochemical and Pharmaceuticals	
	Process Safety	
Electronics and Communication Engineering	5G Communication and Technology	
	VLSI Design and Embedded Systems	
Electrical and Computer Science Engineering	Smart Grid and Computing	
	Cloud Computing and Artificial Intelligence	
	Electric Vehicle and Grid Management	
Fire and Safety Engineering	Safety and Risk Management	
	Disaster Management	
Civil Engineering	Infrastructure Development	
	Green Buildings and Construction	
Automotive Design Engineering	Electric Vehicle Technology	
	Aerial Technology	
Mechanical Engineering	Additive Manufacturing	
	Smart Manufacturing	
Mechatronics Engineering	Mechanics and Signal Processing	
	Machine Design and Programming	
Sustainability Engineering		
 B.Tech. to Master's Progression (Complete your B.Tech. in UPES and Master's in relevant program at Partner University Overseas)		
 B.Tech. (2 years in UPES and remaining 2 years at Partner University Overseas)**		

\*Specialisation & minors to be opted after 1st year depending on the selected program.

Credits would depend on the minors/exploratory courses chosen during the program duration.

\*\*For Chemical Engineering, Electrical Engineering, Applied Petroleum Engineering and Mechanical Engineering

## M.Tech.

CORE	SPECIALISATIONS*
Computational Fluid Dynamics	Aerodynamics
	Turbomachinery
	Combustion
Chemical Engineering (Process Design Engineering)	Process Design
	Process Automation
Health, Safety and Environment	Disaster Management
	Sustainable Development
	Fire Safety Engineering
Petroleum Engineering	Reservoir Engineering
	Drilling Engineering
	Production Engineering
Structural Engineering	
Advanced Vehicles	Advanced Vehicles
Embedded System Design	Embedded System Design
Automation and Robotics Engineering	Automation
	Robotics
Sustainability Engineering	Sustainability Engineering

## B.Sc.

CORE	SPECIALISATIONS* (Choice based in 3 <sup>rd</sup> year)	MINORS* (Indicative list) (Choice based in 2 <sup>nd</sup> year)
B.Sc. (Hons.) Chemistry	Polymer Chemistry	AI & ML IoT Blockchain Data science Bio-mimetics Sustainability Engineering Climate Change Disaster Management Reclaim Engineering Astronomy & Astrophysics Space Engineering Statistics & Probability Economics
	Industrial Chemistry	
B.Sc. (Hons.) Physics	Astronomy and Astrophysics	
	Computational Physics	
B.Sc. (Hons.) Mathematics	Data Science	
	Computational Mathematics	
B.Sc. (Hons.) Geology	Geoinformatics	
	Groundwater Exploration and Management	

## M.Sc.

CORE	SPECIALISATIONS* (Choice based in 1 <sup>st</sup> year)	MINORS* (Indicative list) (Choice based in 1 <sup>st</sup> year)
Chemistry	Organic Chemistry	AI & ML Internet of Things (IoT) Data Analytics Blockchain Disaster Management Sustainability & Climate Change
	Polymer Science	
Physics	Material Science	
	Astronomy and Astrophysics	
Mathematics	Applied Mathematics	
	Pure Mathematics	
Petroleum Geosciences	Environmental Geo-Chemistry	
	Unconventional Hydrocarbons	

## Ph.D. Programs<sup>#</sup>

Ph.D. (Physics)
Ph.D. (Chemistry)
Ph.D. (Mathematics)
Ph.D. (Geosciences)
Ph.D. (Engineering)

\*Specialisation & minors to be opted after 1st year depending on the selected program.

Credits would depend on the minors/exploratory courses chosen during the program duration.

<sup>#</sup>For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

# School of Computer Science

## B.Tech.

CORE	SPECIALISATIONS* (Choice based in 2 <sup>nd</sup> year)	MINORS* (Indicative list) (Choice based in 3 <sup>rd</sup> year)
B.Tech. Computer Science and Engineering	Artificial Intelligence and Machine Learning	Data Science Game Design Cognitive Technologies Image and Signal Processing Computing for Sustainability Internet of Everything Privacy and Security Human Computer Interface Cloud Computing
	Full Stack AI	
	Big Data	
	Blockchain Technology	
	Data Science	
	Cloud Computing and Virtualization Technology	
	Computational Sustainability	
	Cyber Security and Forensics	
	Dev Sec Ops	
	E-Commerce	
	Graphics and Gaming	
	Internet of Things	
	IT Infrastructure	
	Mainframe Technology	
Enterprise Mobility		
Oil and Gas Informatics		
Open Source and Open Standards		
<b>Global</b> B.Tech. to Mater's progression (Complete your B.Tech. in UPES and Master's in relevant program at Partner University Overseas)		
<b>Global</b> B.Tech. (2 years in UPES and remaining 2 years at Partner University Overseas)		

## BCA

CORE	SPECIALISATIONS*
Bachelor of Computer Application (BCA)	Internet of Things

## M.Tech.

CORE	SPECIALISATIONS*
M.Tech. (Computer Science and Engineering)	Artificial Intelligence
	Image Processing
	Data Analytics
	Cyber Security and Forensics
M.Tech.	By Research

## MCA

CORE	SPECIALISATIONS*
Master of Computer Application (MCA)	Artificial Intelligence and Machine Learning
	Cyber Security and Forensics
	Internet of Things

## Ph.D. Programs<sup>†</sup>

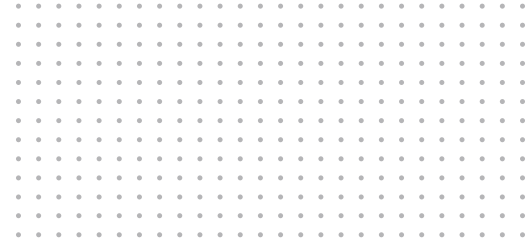
Ph.D. (Computer Science and Engineering)**
Ph.D. (Computer Science) <sup>‡</sup>

\*Specialisation & minors to be opted after 1st year depending on the selected program.  
Credits would depend on the minors/exploratory courses chosen during the program duration.

<sup>†</sup>For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

\*\*For M.Tech. Students <sup>‡</sup>For M.Sc. / MCA students

# School of Design



## B.Des.

CORE	SPECIALISATIONS* <small>(Choice based in 2<sup>nd</sup> year)</small>	MINORS* <small>(Indicative list) (Choice based in 3<sup>rd</sup> year)</small>
B.Des.	Product Design	Service Design Psychology Film and Video/Photography Social Impact Design Robotics, Accessory Design Exhibition Design Artificial Intelligence Immersive Media Design Minor in any School of Design Specialisation
	Transportation and Mobility Design	
	Graphics & Communication Design	
	Animation and VFX	
	User Experience and Interaction Design	
	Fashion Design	
	Interior and Retail Space Design	
	Game Design	
	Life Style and Accessory Design	
<span style="background-color: #007bff; color: white; padding: 2px;">Global</span> B.Des. to Master's Progression (Complete your B.Des. in UPES and Master's in a relevant program at Partner University Overseas)		
<span style="background-color: #007bff; color: white; padding: 2px;">Global</span> B.Des. (2 years in UPES and remaining 2 years at Partner University Overseas)		

## M.Des.

CORE	SPECIALISATIONS** <small>(Choice based in 2<sup>nd</sup> year)</small>
M.Des.	Product Design
	Transportation and Mobility Design
	Interaction Design
	Fashion Design
	Graphic Design

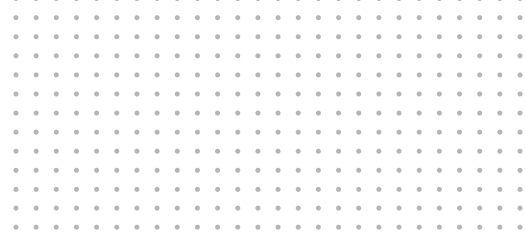
## Integrated Programs

CORE	SPECIALISATIONS* <small>(Choice based in 2<sup>nd</sup> year)</small>	MINORS* <small>(Choice based in 3<sup>rd</sup> year)</small>
Integrated (B.Des.) - (M.Des.)	Product Design	Service Design Psychology Film and Video/Photography Social Impact Design Robotics, Accessory Design Exhibition Design Artificial Intelligence Immersive Media Design Minor in any School of Design Specialisation
	Transportation and Mobility Design	
	Interaction Design	
	Fashion Design	
	Graphic Design	


## Ph.D. Programs#

Ph.D. (Design)
----------------

\*Specialisation & minors to be opted after 1st year depending on the selected program.  
 Credits would depend on the minors/exploratory courses chosen during the program duration.  
 \*\*T&C apply.  
 #For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439



## Undergraduate Programs

<b>CORE</b>	<b>SPECIALISATIONS*</b> (Choice based in 3 <sup>rd</sup> year)	<b>MINORS*</b> (Indicative list) (Choice based in 4 <sup>th</sup> year)
BA	Legal Studies	
BA LL.B. (Hons.) BBA LL.B. (Hons.) B.Com. LL.B. (Hons.)	Energy Law	Artificial Intelligence Digital Marketing Digital Transformation Start Your Start-up Business Analytics International Business Operations/Project Management Financial Analysis and Services Family Business and Entrepreneurship
	Constitutional Law	
	Labour Law	
	Criminal Law	
	Corporate Law	
	Banking, Finance and Insurance Law	
	International Trade and Investment Law	
	Taxation Law	
	Media and Entertainment Law	
	Legal Compliance and Secretarial Practices	
	Food, Health and Environment	
	Forensic Science and Law	
	Medicine, Health and Law	
	Digital Innovation and Law	
Cyber Law		
Intellectual Property Rights		
LLB (3 year)**		
	LL.B. to Master's Progression (Complete your LL.B. in UPES and Master's in a relevant program at Partner University Overseas)	

## Postgraduate Programs

<b>CORE</b>	<b>SPECIALISATIONS*</b> (Choice based in 2 <sup>nd</sup> semester)
LL.M. - 1 Year	Energy Law
	International Business Law
	Corporate and Securities Law
	Cyber Law
	Environmental Law and Policy
	Artificial Intelligence and Machine Learning

## Ph.D. Programs<sup>#</sup>

Ph.D. (Law)
-------------

\*Specialisation & minors to be opted after 1st year depending on the selected program.


Credits would depend on the minors/exploratory courses chosen during the program duration.

\*\*Graduates from any stream are eligible to apply.

<sup>#</sup>For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

# School of Health Sciences and Technology

## Undergraduate Programs

CORE	SPECIALISATIONS* (Choice based in 3 <sup>rd</sup> year)
B.Pharmacy	
B.Sc. (Health Informatics)	
B.Tech. (Food Technology)	Food Biotechnology
	Food Plant Engineering
B.Tech. (Biomedical Engineering)	Medical Devices
	BioMaterials
	Prosthetics
	Medical Diagnostics
B.Tech. (Biotechnology)	Pharmaceutical Biotechnology
	Genomics and Biosimilars
	Plant Biotechnology
	Bioinformatics
 Bachelor to Master's Progression (Complete your Bachelor's in UPES and Master's at Partner University Overseas)	

## Postgraduate Programs

CORE	SPECIALISATIONS* (Choice based in 2 <sup>nd</sup> year)
M.Sc. (Genomics)	
M.Sc. (Health Informatics)	
M.Sc. (Nutrition and Dietetics)	Dietetics and Holistic wellness
	Nutraceutical and Nutritional policy
M.Sc. (Microbiology)	Food and Environmental Microbiology
	Medical and Pharmaceutical Microbiology
M.Sc. (Clinical Research)	Clinical Pharmacokinetics
	Regulatory Affairs
M.Sc. (Pharmacology and Toxicology)	Applied Clinical Pharmacology
	Molecular and Biochemical Toxicology

\*Specialisation & minors to be opted after 1st year depending on the selected program.  
Exploratory courses from School for Life are also offered as minors in UG programs, for more details visit [upes.ac.in](http://upes.ac.in)

## Integrated Programs

CORE	SPECIALISATIONS* (Choice based in 3 <sup>rd</sup> year)
Integrated (B. Sc.) - (M. Sc.) Nutrition and Dietetics	Dietetics and Holistic Wellness
	Nutraceutical and Nutritional policy
Integrated (B. Sc.) - (M. Sc.) Microbiology	Food and Environmental Microbiology
	Medical and Pharmaceutical Microbiology
Integrated (B. Sc.) - (M. Sc.) Clinical Research	Clinical Pharmacokinetics
	Regulatory Affairs
Integrated (B. Sc.) - (M. Sc.) Health Informatics	
Integrated (B.Tech. (Biotechnology)) - (MBA)	<b>B.Tech. Specialisation:</b> Pharmaceutical Biotechnology Biosimilars Plant Biotechnology Genomics Bio Informatics
	<b>MBA Specialisation:</b> Biotechnology Marketing Biotechnology Product Management
Integrated (B.Tech. (Food Technology)) - (MBA)	<b>B.Tech. Specialisation:</b> Food Biotechnology Food Plant Engineering
	<b>MBA Specialisation:</b> Product Management Marketing

## Ph.D. Programs<sup>#</sup>

Ph.D. (Pharmaceutical Sciences)
Ph.D. (Food and Nutrition Sciences)
Ph.D. (Microbiology)
Ph.D. (Biotechnology)


\*Specialisation & minors to be opted after 1st year depending on the selected program.

Exploratory courses from School for Life are also offered as minors in UG programs, for more details visit upes.ac.in

<sup>#</sup>For more details, visit research.upes.ac.in, email at phd@upes.ac.in or call 9997101439

# School of Modern Media

## Undergraduate Programs

CORE	SPECIALISATIONS* (Choice based in 3 <sup>rd</sup> year)	MINORS* (Choice based in 3 <sup>rd</sup> year)
BA Journalism and Mass Communication (Digital)	Social Media and Search Engine Optimisation	Social Media Digital Marketing Media Management, Public Policy and Strategic Communications Search Engine Optimisation Digital Publishing/Website Management Digital Content Creation: Videos Digital Content Creation: Audio/Podcasts Data Science Artificial Intelligence Start Your Start-up Public Health Environment Science Business Management Privacy and Security Internet of Things School for Life Exploratory Courses
	Data, Analytics & Visualisation	
	Media Management, Public Policy and Strategic Communications	
	Digital Publishing/Website Management	
BA Digital and Mass Media (Broadcasting)	Mobile Journalism (Mojo): Digital Video Production and Monetisation	
	Digital Audio Broadcasting: Radio Production, Podcasts and Distribution	
	Digital Studio Management: Live Broadcasting and Floor Production	
BBA (Events, Public Relations and Corporate Communications)	Media Management, Marketing Campaigns and Strategic Communications	
	Social Media, Marketing and Analytics	
 Bachelor to Master's Progression (Complete your Bachelor's in UPES and Master's at Partner University Overseas)		

## Postgraduate Programs

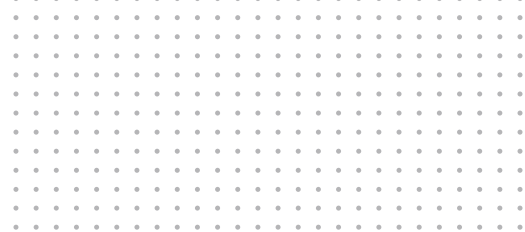
CORE
MA Journalism and Mass Communication (Digital)
MA Digital and Mass Media (Broadcasting)

## Ph.D. Programs<sup>#</sup>

Ph.D. Communication
---------------------

\*Specialisation & minors to be opted after 1st year depending on the selected program.  
 Credits would depend on the minors/exploratory courses chosen during the program duration.  
<sup>#</sup>For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

# School of Liberal Studies



## Undergraduate Programs

B.Sc. Economics with Data Science

---

B.Sc. Applied Mathematics & Statistics

---

B.Sc. Psychology & Behaviour

---

B.Sc. Politics, Economics & Society

---

BA Literature

---

**Global** Bachelor to Master's Progression (Complete your Bachelor's in UPES and Master's at Partner University Overseas)

---

## Ph.D. Programs<sup>#</sup>

Ph.D. (Economics)
Ph.D. (Political Science)
Ph.D. (Literature)
Ph.D. (Psychology)
Ph.D. (Applied Mathematics)
Ph.D. (Applied Statistics)

<sup>#</sup>For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

Download UPES App  

**1800 102 8737 (8 am to 8 pm) | [enrollments@upes.ac.in](mailto:enrollments@upes.ac.in)**

**International students write to us at**  
[international.admissions@upes.ac.in](mailto:international.admissions@upes.ac.in)

**Knowledge Acres:** Kandoli via Prem Nagar, Dehradun-248 007 (Uttarakhand), India

**Energy Acres:** Bidholi via-Prem Nagar, Dehradun (Uttarakhand), India