



Beaconhouse

Beaconhouse  
A Level Programme  
(Northern Region)  
Prospectus  
**2017**

# Welcome note by Kasim Kasuri



It gives me great pleasure to welcome you to the Beaconhouse family. The information in this prospectus will guide you about the diverse opportunities available to you as an A Level student at Beaconhouse.

Since the inception of our A Level programme in

September 1992, our students have maintained a tradition of being the highest scorers in A Level subjects across Pakistan and the world. In fact, the most recent statistics from CIE indicate that the most 'top achievers' in Pakistan are from Beaconhouse.

A wide range of science, business and liberal arts subjects are being offered at our A Level campuses to support your academic growth. Based on your interests and aptitude, you will be able to choose a balanced and personalised curriculum. A dedicated tutor/career counsellor will also be available to assist with current and future planning as well as to discuss any other concerns.

As a Beaconhouse A Level student, you will get the opportunity to develop new interests, learn new skills and be involved with the school and local community. Each of our A Level campuses offers diverse co- and extracurricular activities including the performing arts, sports and debating. In conjunction with an excellent college placement programme, this will ensure that you are prepared for independent academic and social life as you progress to the university level.

To help you with your decision to join our school, do visit one of our campuses and talk to our students as they are undoubtedly our best ambassadors. If you do choose Beaconhouse for your A Levels, we can confidently predict that your experience will be a rewarding and enriching one.

Your truly,  
Kasim Kasuri  
Chief Executive

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Excellent Results



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1 Why choose A Levels at Beaconhouse?  
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EXCELLENT RESULTS

Beaconhouse Northern Region has a total of nine A Level programmes in Islamabad, Rawalpindi, Peshawar, Jhelum, Abbottabad and Gujrat.

Total number of A\*s and As in O and A Level:

16,461

Total Distinctions in O and A Level:

38



Why choose A Levels at Beaconhouse?

2 A GREATER CHOICE OF SUBJECTS @

At Beaconhouse, we provide learning and development opportunities to support all students in achieving their true potential. A wide variety of subjects cater to different aptitudes, abilities and interests.

We offer various combinations of A Level subjects from the arts, sciences, languages, humanities and business that have been carefully selected to broaden students' horizons and enhance their intellectual development.



# 3 @

Why choose A Levels at Beaconhouse?

## AN INSPIRING LEARNING ENVIRONMENT

Beaconhouse A Level campuses provide a unique combination of school and college experiences, incorporating positive aspects of both. Academic challenges, a dynamic campus life, as well as a focus on personal development and wellbeing create an enjoyable and supportive learning environment.

We are able to sustain our high quality of education due to the dedication of our experienced and qualified faculty members. Our faculty is not only well-established in their respective fields but also spends extra time and effort to help students explore their abilities to the fullest.

All our campuses are fully-equipped with the latest facilities to make sure students have everything they need to perform their level best.



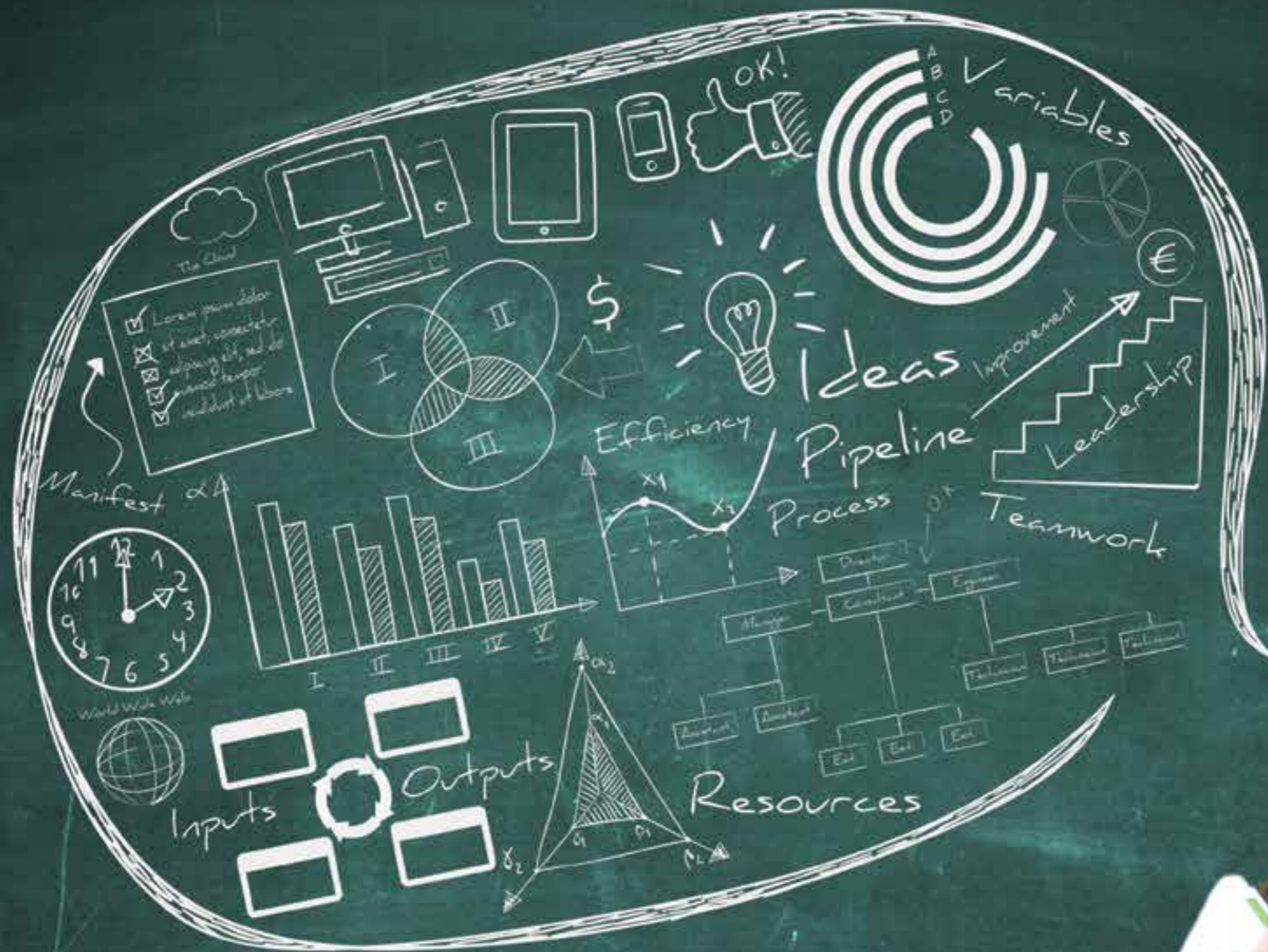
Why choose A Levels at Beaconhouse?

## EXTRACURRICULAR ACTIVITIES

Beaconhouse aims to foster global citizens that are informed, engaged and active. We provide a holistic A Level programme that balances academics and extracurricular activities to develop well-rounded individuals.

Each year, campuses plan an exciting Extracurricular Calendar that includes debates, dramatics, art, music, sports and science events. Our A Level students continue to perform exceedingly well in numerous competitions within Pakistan as well as internationally.





# ENRICHMENT PROGRAMME

## What is included in the Enrichment Programme?

Our enrichment programmes support and strengthen regular school activities. Complementing the academic curriculum, the special projects, activities, clubs and societies we offer provide extended learning and experiential opportunities beyond the A Level programme.

- Debating and Communication Club
- Journalism Club
- Music Club/Society
- Drama Club/Dramatics Society
- Photography Club/Society
- Art Club and Society
- Community Service Society
- Event Management Society
- Zumba and Fitness Club
- Information Technology Club
- Grooming Club
- Cookery Club
- Recycling Club
- Robotics Club
- Entrepreneurship Club
- Environment Conservation Club
- MUNs/Cultural Weeks
- BSS Idol
- Movie Night
- Bonfire Night
- Trekking and Rock Climbing
- Charity Bake Sales, Open Forum & Declamation Debates
- Field Trips
- Swimming, Futsol, Football, Cricket, Archery, Basketball, Gym, Martial Arts and a Host of Other Sports

# THE ACCESS CENTRE

## College Placement and Educational Advising

The Access Centre was established to facilitate Beaconhouse students in deciding their future career and gaining admission to universities of their choice. Offices of The Access Centre have been set up at all Beaconhouse A Level campuses.

Our trained career advisers provide comprehensive support in the application processes for local and foreign universities. The Access Centre career advisers are your guides on the path towards higher education.

### The Access Centre will help you:

- Discover yourself, learn who you are and where you want to be
- Decide where you want to continue your education
- Select what you want to study
- Help you understand and plan for where you see yourself in ten years' time
- Explore globally while considering the best opportunities offered at home

We open doors to your future so that you may make informed decisions with your family's support. We encourage you to step out of your comfort zone to explore new territories for the future you desire, both at home and overseas. A multitude of opportunities exist around the world, many of which can be pursued with the click of a button: The Access Centre helps you get to your chosen destination.





# Access Centre North Internship Programme (ACNIP)

"The Access Centre North Internship Program (ACNIP) is a special project of the Beaconhouse Access Centre North (BACN) that offers exclusive internship opportunities to A-Level and O-Level students. Under this program, Beaconhouse Access Centre North (BACN) arranges internships for BSS students at prominent educational institutes, commercial organizations, NGOs, hospitals and research institutes, keeping in view the academic and career interests of students, giving them a chance not only to explore new interests and dimensions of their personalities but also to gain valuable experience in the professional environment of the organizations offering internships. This year we offered over 500 internships at 28 diverse organizations.

Number of organisations	28
Number of internships in 2016	527

## Organisations

- Government of Pakistan
- WWF
- NUST
- Shifa International
- Al - Shifa Eye Trust Fund
- Cybervision
- Sundas Foundation
- Wildlife Organization Pakistan
- Al - Mustafa Trust
- Amigos Business Process Outsourcing
- Northwest General Hospital
- Saba Homes
- Silk Bank
- WeCreate
- ACLA Law firm
- Dr Asma Humayoun clinic
- Islamabad Model College for Girls
- Quaid-e-Azam Sport Complex
- Teacher's Assistance Program
- ACCA Pakistan
- Maroof Hospital
- OGDCL
- Saahil
- Falahi Clinic Shifa International Hospital
- KKAWF
- Mercury transformations
- Pets & Vets



# Beaconhouse Placements

Beaconhouse has achieved over 8800 placements and over 6.5 billion Rupees in scholarships in the last 3 years. This is the fourth year in a row that our students have gotten into either Oxford or Cambridge University. Two of our students currently studying in Cambridge University are on a 100% scholarship, and it is the second year in a row that our students are studying on a 100% scholarship at Yale University.

In the last 3 years, BSS Students have been accepted in the best universities around the world.

## Beaconhouse Northern Region

Year	2016	2015	2014
International Acceptances	954	858	755
Scholarships	\$13.1 million	\$12.7 million	\$9.7 million
National Placements	436	455	409

## Beaconhouse School System

Year	2016	2015	2014
International Acceptances	2082	1402	974
Scholarships	\$30.4 million	\$18.5 million	\$13.8 million
National Placements	1656	1422	1338

## Prominent International Acceptances

- Harvard University
- Massachusetts Institute of Technology (MIT)
- Princeton University
- Brown University
- Cornell University
- Duke University
- University of Pennsylvania
- London School of Economics
- Hong Kong University
- Hong Kong University of Science & Technology
- Hong Kong Polytechnic University
- University of Toronto
- McGill University

## Prominent Local Acceptances

- Aga Khan University
- LUMS
- Rawalpindi Medical College
- NUST
- UET
- IBA
- Shifa College of Medicine



# INTERNATIONAL PLACEMENTS AND SCHOLARSHIPS

## Australia

University of Melbourne	3
Deakin University	1
Monash University	1
University of Sydney	1
Victoria University	1
<b>Total</b>	<b>7</b>



## Canada

University of Waterloo	2
University of Manitoba	4
Simon Fraser University	1
University of Calgary	1
<b>Total</b>	<b>8</b>



## UK



London School Of Economics	1
City University London	3
University of Bedfordshire	1
Birmingham City University	1
Cardiff University	1
Herriot Watt University	1
King's College London	1
University of Lancaster	1
Queen Mary University	1
Royal Holloway, University of London	1
SOAS, University of London	1
The University of Sheffield	1
University of Chester	1
University of West of England	1
<b>Total</b>	<b>16</b>

## Others

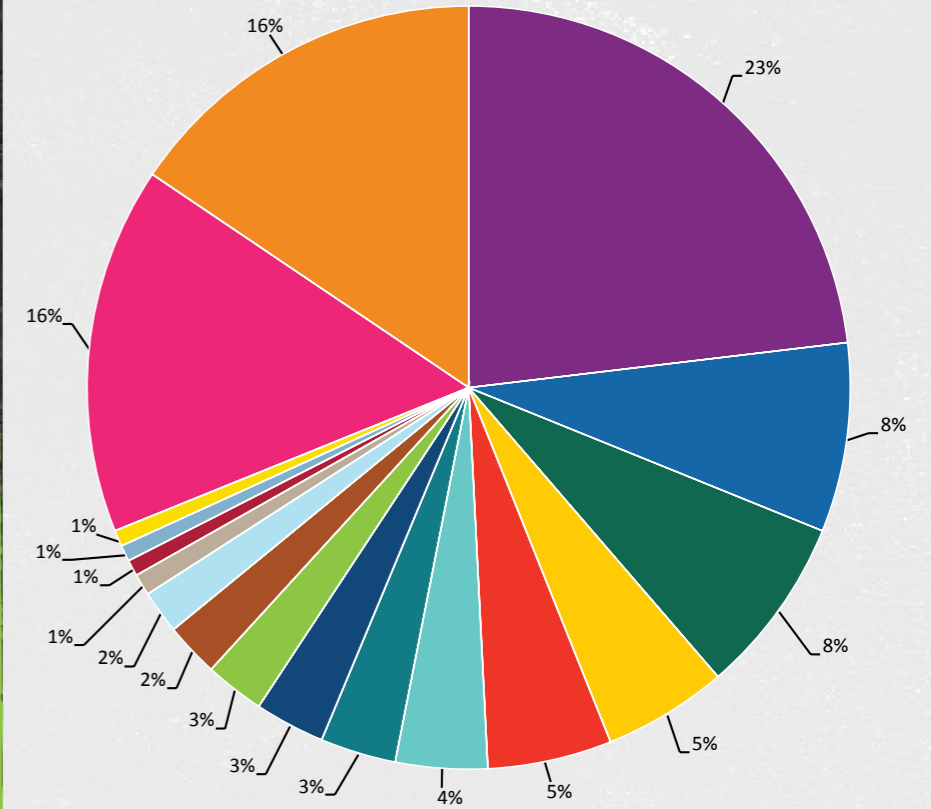
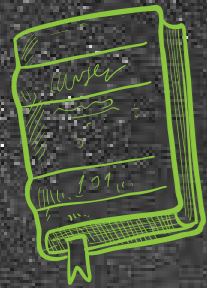
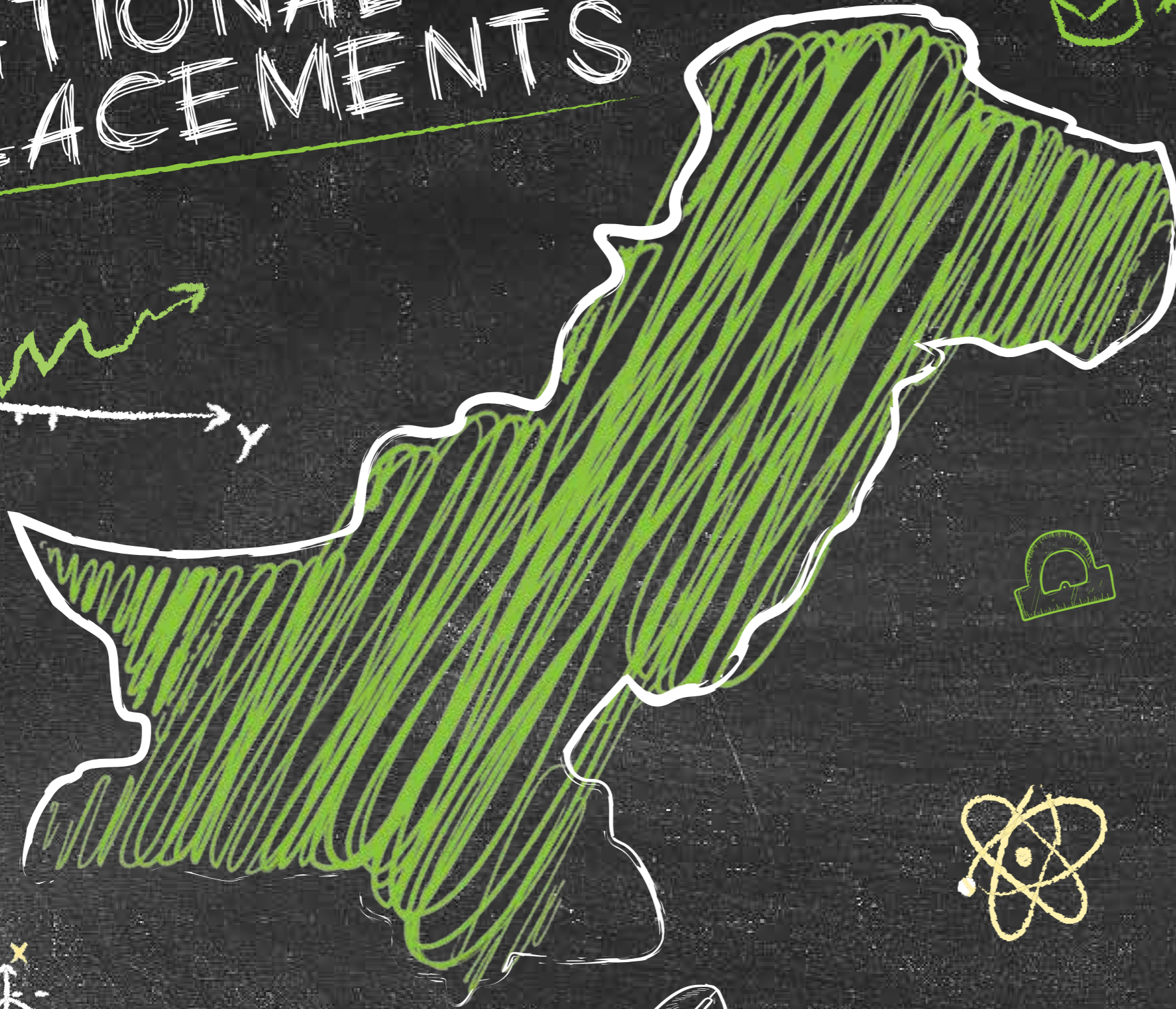
Beihang University, China	1
Shanxi China	1
Technical University of Applied Sciences Wildau, Germany	2
Curtin University, Malaysia	1
Asia Pacific University of Technology and Innovation, Malaysia	1
Texas A&M University, Qatar	1
Stockholm University, Switzerland	1
Istanbul Bilgi University, Turkey	2
European University of Lefke, Turkey	1
ICAEW, Dubai	1
Middlesex University in Dubai	1
University of Wollongong in Dubai	1
<b>Total</b>	<b>14</b>

## USA



Yale University	1
Johns Hopkins University	1
Vanderbilt University	1
University of California, Davis	4
Arcadia University	3
Wichita State University	2
University of Southern Mississippi	1
American University	1
California Polytechnic University	1
Case Western University	1
Dickinson College	1
Minerva Schools at KGI	1
Northwest School of Medicine	1
Rochester Institute of Technology	1
Texas A & M University	1
Texas Institute of Technology	1
Truman State University	1
University of Illinois at Chicago	1
University of Buffalo	1
University of Kentucky	1
University of Maryland	1
University of Miami	1
<b>Total</b>	<b>28</b>

# NATIONAL PLACEMENTS



- ▶ **NUST** - National University of Science and Technology
- ▶ **TMUC** - The Millinium University College
- ▶ **NUCES FAST** - National University of Computer and Engineering Sciences
- ▶ **GIKI** - Ghulam Ishaq Khan Institute
- ▶ **LUMS** - Lahore University of Management Sciences
- ▶ **Shifa College of Medicine**
- ▶ **SKANS**
- ▶ **Riphah International University**
- ▶ **COMSATS** - Comsats Institute of Information Technology
- ▶ **Bahria University**
- ▶ **IST** - Institute of Space Technology
- ▶ **NCA** - National College of Arts
- ▶ **UET** - University of Engineering and Technology
- ▶ **Pakistan Army**
- ▶ **CMH Lahore Medical And Dental College**
- ▶ **Other Medical Colleges**
- ▶ **Others**



ART, DESIGN  
& MEDIA



## Art and Design (9704)

### Course Outline

Opting for the Cambridge International A Level Art and Design course at Beaconhouse gives the students an understanding of visual perception and the aesthetic, as well as the ways in which art and design create a language of their own.

### Career Opportunities

Graduates will have the opportunity to work as a practitioner in the fields of art, craft, design or new media. Subject to further specialisation and experience, they may work in the fields of community art, public art, arts administration, art and design education, curation, practice/theory based research and careers linked to contemporary visual art and design culture.

## Design and Textiles (9631)

### Course Outline

A practical syllabus explains the scientific, creative and artistic aspects of design and textiles, with plenty of opportunities for students to apply what they have learnt by demonstrating their investigative, creative, and practical skills. Through the study of fibres and fabrics, they find out about basic design, contemporary fashion, clothing manufacture and the use of commercial patterns to make a variety of garments. At Beaconhouse, students are able to go on to explore textile applications and technology, looking at issues such as fitness for purpose, creative techniques, the application of colour, and environmental impact. They also experience the making and finishing of textile products, the care of clothing, and the use and care of a sewing machine.

### How will I learn?

Beaconhouse specialises in the design and technology of textiles, colour and fashion. Our facilities are the envy of fashion institutions nationwide. Students gain an in-depth knowledge of design and textiles through discussions, projects, and hands-on learning at fashion houses and industry-based work experience.

### Career Opportunities

Becoming a designer is the obvious choice of career after doing the Design and Textile course, be it in fashion design, textile design, motif developing or numerous other design-related careers. Increasingly, Design and Textile students are finding more varied job opportunities opening up for them in newer fields, such as Project Scientist, Textiles Technologist and Innovation Officer.



# Media Studies (9607)

## Course Outline

An increasingly popular course at Beaconhouse, Media Studies offers its students the chance to develop an understanding and appreciation of the place of media in our lives. Teachers encourage a hands-on approach to the subject. Through the coursework components – the Foundation Portfolio for AS Level and the Advanced Portfolio for A Level – they create their own media products from planning to execution. Students also consider and analyse examples from existing media, examining production processes and technologies and the effects they achieve.

## How will I learn?

This subject offers a great deal of free choice and creativity. You decide what brief you want to work to and then research and produce an artefact for that brief, culminating in an extravagant awards ceremony and screening at the end of the course.

## Career Opportunities

Media Studies students find career opportunities in a wide variety of settings including business, education, government and the non-profit sectors. Skills in verbal and written communication are some of the most sought after characteristics employers look for when hiring and any work that involves communicating as its focal point is a potential career field.



BUSINESS  
& IT

# Accounting (9706)

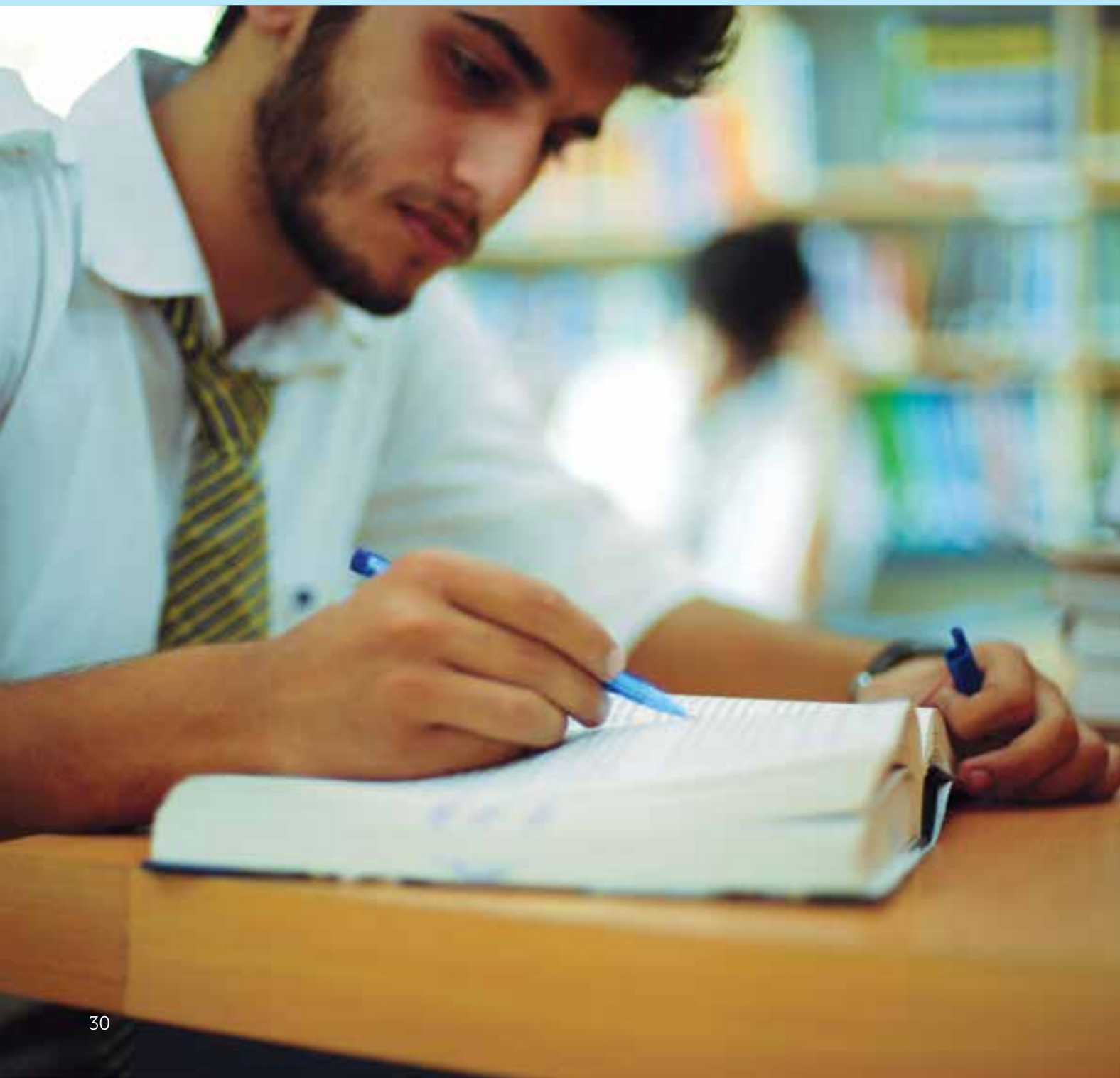
## Course Outline

AS and A Level Accounting offered at Beaconhouse enables learners to apply their accounting knowledge and understanding in order to analyse and present information, give reasoned explanations and make judgements and recommendations. Topics such as recording of financial information, accounting principles and control systems, as well as the preparation of final accounts for a variety of different organisations and businesses are covered in the Schemes of Work. Students find out about raising capital shares and loans, ratio analysis and cost accounting. They also study preparation of cash flow statements, cash flow analysis, the repayment

of share capital and standard costing and investment appraisal, among many other topics.

## Career Opportunities

The position of accountant demands that you have a thorough understanding of financial concepts and so require a minimum of a four-year bachelor's degree in accounting. Some accountants go on to become certified public accountants, or CPAs, as this opens up additional job opportunities for them. To become a CPA, you will need to earn college credits over and above the accounting major, gain some work experience and most importantly, pass the CPA exam.



# Applied ICT (9713)

## Course Outline

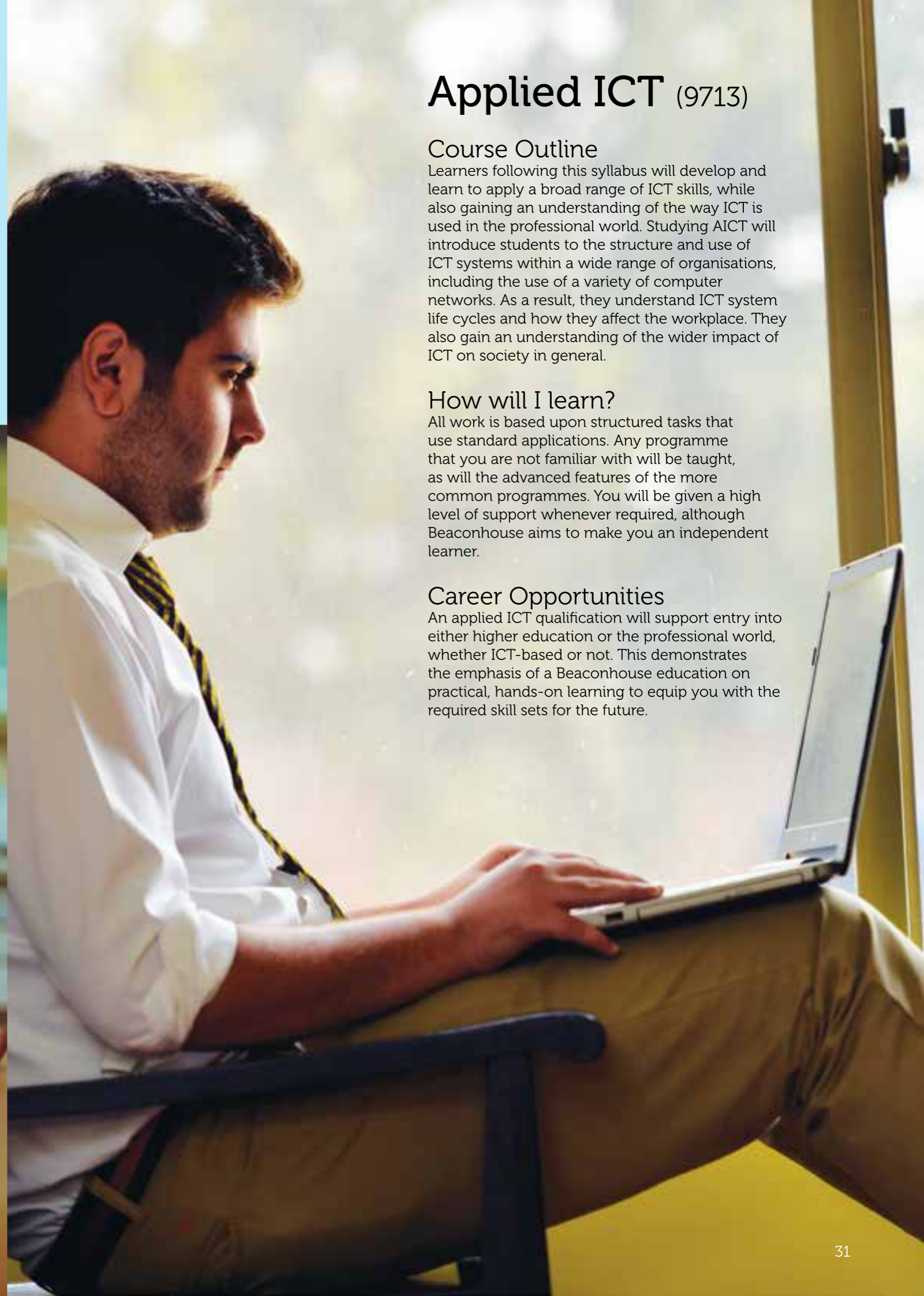
Learners following this syllabus will develop and learn to apply a broad range of ICT skills, while also gaining an understanding of the way ICT is used in the professional world. Studying AICT will introduce students to the structure and use of ICT systems within a wide range of organisations, including the use of a variety of computer networks. As a result, they understand ICT system life cycles and how they affect the workplace. They also gain an understanding of the wider impact of ICT on society in general.

## How will I learn?

All work is based upon structured tasks that use standard applications. Any programme that you are not familiar with will be taught, as will the advanced features of the more common programmes. You will be given a high level of support whenever required, although Beaconhouse aims to make you an independent learner.

## Career Opportunities

An applied ICT qualification will support entry into either higher education or the professional world, whether ICT-based or not. This demonstrates the emphasis of a Beaconhouse education on practical, hands-on learning to equip you with the required skill sets for the future.





# Business (9609)

## Course Outline

The Business Studies syllabus is taught at Beaconhouse in a way that enables students to understand and appreciate the nature and scope of business and the role it plays in the society. Teachers cover economic, environmental, ethical, governmental, legal, social and technological issues, and encourage a critical understanding of organisations, the markets they serve and the process of adding value. Students examine the management of organisations and, in particular, the process of decision-making in a dynamic external environment.

## How will I learn?

Teaching methods are a mixture of formal teaching, independent research, visits, speakers, group work and simulations. Particular emphasis is placed upon problem-solving and exercises that focus on real business and business case studies.

## Career Opportunities

Our students have gone on to university, joined local businesses and even started their own businesses. Business Studies combines well with a range of social sciences, humanities and mathematics subjects to lead to university subjects in such areas as business, economics, law and accountancy.

# Computer Science (9608)

## Course Outline

The aim of this course is to develop an understanding of how computers are used to solve a wide range of problems. Students are provided with the opportunity to investigate a variety of different computers, and also look at the ways that computers are organised in terms of software, data, hardware, communications and people. At Beaconhouse, students develop the skills necessary to apply their understanding to the development of computer-based solutions. As they progress, they learn about the main principles of systems analysis and design, looking at different methods of problem formulations and the planning of solutions. They also consider systematic methods of solution implementation, testing and documentation.

## How will I learn?

In this course, you will be provided with the right skills to develop a thorough understanding of computer-based solutions.

## Career Opportunities

There are numerous creative, fun, and interesting jobs and careers in computing fields. In the recent times, we have seen the demand for computer professionals, including software engineers and application developers. This course will be your stepping stone to a career in computing.



# Economics

(9708)

## Course Outline

By choosing to study Economics at Beaconhouse, students learn how to explain and analyse economic issues and arguments, evaluate economic information and organise, present and communicate ideas and judgements clearly. The teaching covers a range of basic economic ideas, including an introduction to the price system and government intervention, international trade and exchange rates, the measurement of employment and inflation and the causes and consequences of inflation. Students also learn about the theory of the firm, market failure, macroeconomics theory and policy and economic growth and development.

## Brief

Have you ever wondered why prices are so high? Have you ever wanted to know what impact politicians' policies can have on our day-to-day life? Would you like to prove or predict these actions? If so, economics may be the right choice for you.

## Career

### Opportunities

AS and A Level Economics can take you into higher education involving the study of economics or any accountancy, finance or management degree course. Economics is a highly regarded A Level qualification, combining essay-writing skills with analysis, evaluation and numeracy. It is an excellent qualification that will take you into business and professional service sector employment, including banking, finance and insurance, accountancy, management and corporate law.



ENGLISH &  
HUMANITIES

## English Literature (9695)

### Course Outline

Students following the Cambridge International AS and A Level English syllabus at Beaconhouse will study an array of texts in three main forms: prose, poetry and drama. Set texts are offered from different periods and cultures. The expert faculty develops skills of reading and analysis of texts and promotes wider reading to aid understanding of the texts studied. Students learn the skills of effective and appropriate communication including the ability to discuss the critical context of texts.

### How will I learn?

Our qualified instructors ensure that you are involved by planning extra exercises for

drama, poetry and prose. Such activities ensure that you develop the required skill-set for attempting the English Literature exam.

### Career Opportunities

English Literature is an important qualification in the professional world as well as for further education, as it teaches you to communicate effectively, both with the written and spoken word. The following are specific fields that would welcome this qualification:

- Media
- Teaching at all levels
- Medicine / Healthcare
- Civil Service
- Law

## English Language (9093)

### Course Outline

Cambridge International AS Level English is designed for learners who can already communicate effectively in English as it may be their first or second language. The syllabus enables learners to achieve greater fluency, accuracy and confidence, and improves their communication skills by enhancing their spoken and written English.

### How will I learn?

The students will learn how to use English in a variety of situations. They will understand

how to read texts and other source materials, and how to extract information, initiate conversations and respond to questions, both in speaking and writing.

### Career Opportunities

English graduates develop a wide range of skills that are valuable to employers including: arguing a point, thinking independently, summarising, writing reports, and presenting information effectively. Some of the fields where you can work include education, journalism and writing, publishing, TV, radio, film, drama and research.



# History (9389)

## Course Outline

History is a flexible and wide-ranging course covering modern history in the 19th and 20th centuries. This course is taught at Beaconhouse in a way that builds upon understanding gained during your Cambridge IGCSE or Cambridge O Level and develops lifelong skills including understanding issues and themes within a historical period. The emphasis is on historical knowledge and on the skills required for historical research. Students develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. In A-I, students can select from topics on European, American or international history. In A-II, students can select from topics on European, American, African, Southeast Asian and international history. Teachers choose which periods to focus on, building a course that reflects their students' interests and staff specialisations and one that is relevant to the local context.

## How will I learn?

Through study of source material and archived files, books and documents, you will be encouraged to argue, research and communicate verbally as well as more formally in writing. You will be taught by experienced, well-qualified specialist faculty at Beaconhouse with a proven record of success at teaching A Level and of getting history students into some of the very best universities in the country and abroad.

## Career Opportunities

Knowledge of history will take you to university and a career in teaching history. The skills and discipline instilled by history are widely valued. The course is also a good foundation for careers in journalism and law. Over the years, many students specialising in science have found the study of history to be useful in broadening their academic foundation and understanding of the world as well as helping them to secure a place in desired universities.

# Philosophy (9774)

## Course Outline

The only school to offer this course, A level Philosophy and Theology, allows learners to gain a real insight into both subject areas, rather than simply the topic of ethics. It helps students develop an understanding of the shared heritage of philosophy and theology. Drawing on the texts by authors such as Plato, Aristotle, Augustine and Aquinas, philosophers who have influenced the western intellectual heritage, the course allows learners to think rigorously about fundamental questions of truth and human understanding.

## How will I learn?

Building upon the foundation of dialectical established by the classical Greek philosophers, the course allows the students to engage in dialogue with the teacher to enhance their understanding of philosophical concepts. Supplemented by documentaries, reading texts, presentations and assignments, the students will be prepared holistically for their exam.

## Career Opportunities

The course prepares learners thoroughly for the study of either philosophy or theology in higher education, or any other subject which requires rigorous thinking and the analysis of complex ideas.

# General Paper (8004)

## Course Outline

The faculty of the AS Level General Paper at Beaconhouse encourages students to develop a maturity of critical thought and argument and mastery of expression in the English language. These are all skills of great use for university-level study. The topics are drawn from across the school curriculum and students are able to draw upon knowledge and understanding gained from the study of other subjects.

## Brief

Attempting a General Paper is all about making up and expressing your own mind. It is a subject which encompasses all aspects of the world around us. It deals with politics, ethics, literature, language, culture, science, technology and mathematics. You are therefore required to have general knowledge of each of these fields and are examined on them accordingly.

## Career Opportunities

As GP students, you can go on to find careers in teaching, in editing and publishing, in government, law, journalism, library and information management and many other fields. With polished writing and language fluency, you can find rewarding careers where you may go on for further professional training. Your career paths can be fairly straightforward, or they can take unexpected turns.



# Law (9084)

## Course Outline

The main aim of offering law at the A Level in Beaconhouse is to provide students with an introduction to the main principles of law as it is practiced in England and Wales. As a result, they build their knowledge and understanding of the English Legal System and develop a critical awareness of its structure, personnel and operations. Teachers focus on two areas of substantive law (contract and tort), and encourage students to develop skills of analysis and problem-solving through the application of legal rules.

## Brief

Law is an essential part of our everyday life and all of us live in a civilised society and within a legal framework. Laws govern our conduct – some

unlawful activities and behaviour amount to crime, while other actions may be civil wrongs. If you wish to study law at a higher level, this will be a stimulating field for you, as you will get to know more about the legal framework in which we live.

## Career Opportunities

Law opens up a wide array of career opportunities for you. Law offers you diverse career options and qualified lawyers are in great demand as the legal profession is expanding at a rapid pace. Our graduates have gone on to careers including:

- Partners in accounting firms
- Financial, audit and management accountants
- Disputes resolution practitioners
- Business and investment analysts and consultants
- Policy advisers



# Urdu for Pakistan

(9686)

## Course Outline

The A Level Urdu course builds on the language skills attained during your Cambridge IGCSE, Cambridge O Levels or Cambridge International AS Level, and is the ideal foundation for university level study, or to improve career prospects. Students gain an understanding of how to use the language in a variety of situations. They are expected to handle texts and other source materials, extracting information in order to respond to specific tasks. Through their studies, they can expect to achieve greater fluency, accuracy and confidence in the language. They also learn how to translate material from English to Urdu.

## How will I learn?

Beaconhouse employs a variety of teaching methods for Urdu including team research projects, class discussions, group work, individual research projects, group presentations, individual presentations and teacher-led analysis.

## Career Opportunities

The skills and discipline instilled by Urdu are widely valued. Knowledge and experience of Urdu could open up a career in teaching the language. The course is also a good foundation for careers in journalism, media and lectureship.



# French (9716)

## Course Outline

At Beaconhouse, you will learn in classes where there is always time to ask questions and really understand. In every lesson there is a mix of working together and working independently. You will be amongst a dedicated and experienced team of linguists and native speakers.

## Career Opportunities

By taking French at Beaconhouse, you will have a real advantage over others. Few people in Pakistan have A Level language skills and this will make you an asset in the workplace. More and more businesses work closely with companies in other countries and need employees who can communicate in different languages and understand other cultures. An employee who can speak French can work successfully with many more people and in many more places than someone who knows only one language. Universities offer opportunities for students to maintain and extend their language skills alongside a wide range of subjects, including opportunities for study/work experience abroad.

# German (9717)

## Course Outline

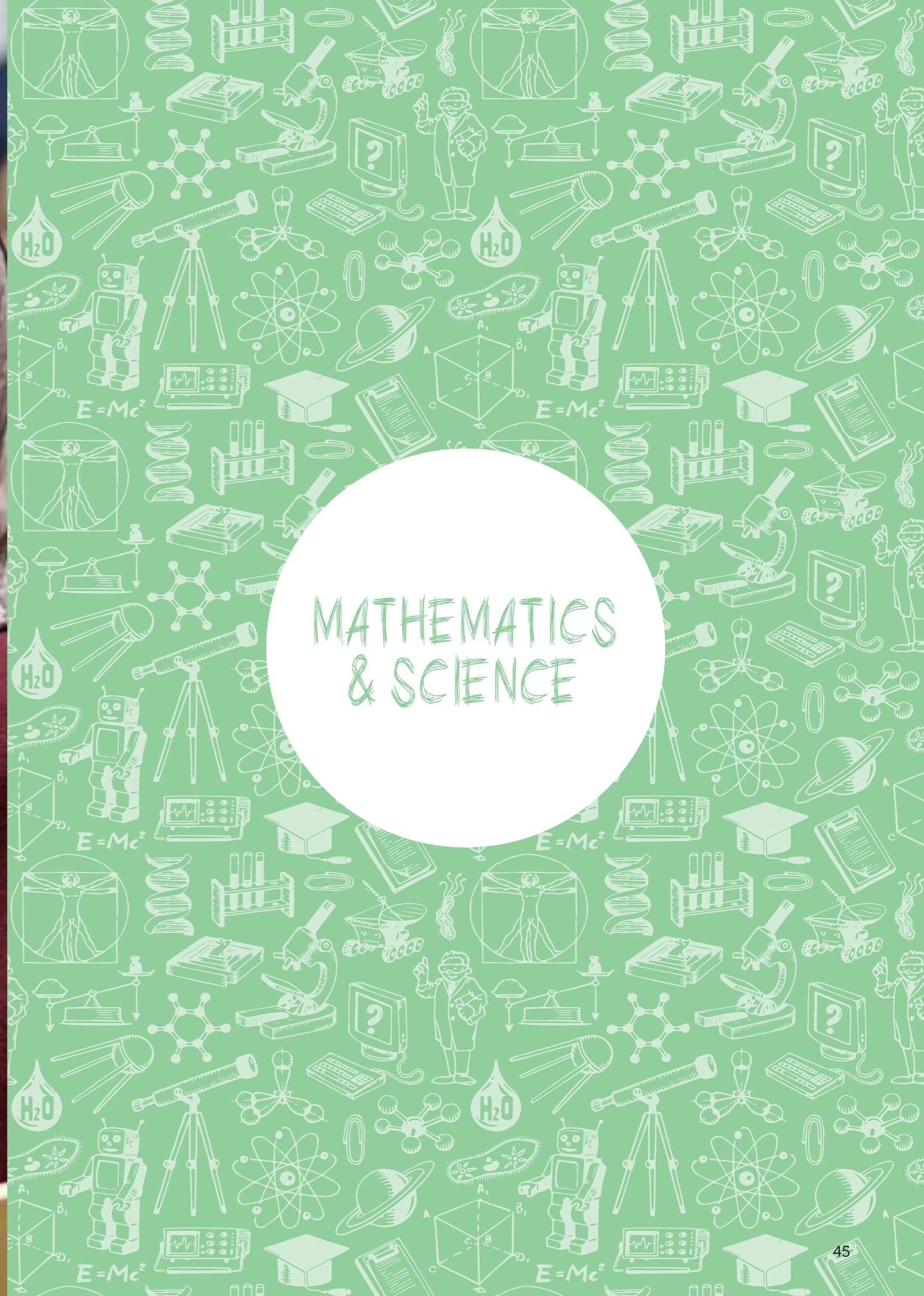
German, spoken primarily in Germany, Switzerland and Austria has more than 120 million speakers. It is also one of the most widely spoken native languages in the European Union. German is a pristine, clear and precise language which is capable of expressing a whole range of emotions and ideas in a few words. It is the third most taught foreign language and is quite similar to the English Language. Furthermore, it will enhance the chances for Beaconhouse students to get first-class education (German universities are among the highest ranking in the world - right below a few of the American Ivy League and prestigious British universities).

## How will I learn?

The instructors at Beaconhouse ensure that all students get equal opportunities for learning and are encouraged to communicate in the target language. International standards of foreign language acquisition are maintained that enable the students to actually use the language in a situation where intercultural communication is required.

## Career Opportunities

- Research Fellowships for Science and Engineering
- German Scholarships and Exchange Programs for German Language
- Business Opportunities
- Tourism and Hospitality Industry
- Interpreter ship
- Jobs in media, information and communication



MATHEMATICS  
& SCIENCE



## Biology (9700)

### Course Outline

Biology at Beaconhouse aims to teach the main theoretical concepts that are fundamental to the subject. A section on some current applications of biology and a strong emphasis on advanced practical skills are part of the course. Practical skills are polished in purpose-built, state-of-the-art laboratories. The emphasis throughout is on the understanding of concepts and the application of ideas in novel contexts as well as on the acquisition of knowledge. Creative thinking and problem-solving skills are transferable to any future career path and are encouraged by the teachers. Choosing this course is ideal for students with an interest in biology, or a wide variety of related subjects at university or to follow a career in science.

### How will I learn?

The Beaconhouse A Level programme has an experienced team that strives to nurture curiosity, interest and passion for the subject. They make complex concepts understandable and support students in achieving their full potential. More importantly, we want our students to feel that they are able to drop in and ask for help and guidance at any time.

### Career Opportunities

Biology will equip you for a wide range of careers and course options, for example, medicine, veterinary science, agriculture and biotechnology.

## Chemistry (9701)

### Course Outline

Cambridge International A and AS Level Chemistry offered at Beaconhouse is accepted by universities and employers as proof of essential knowledge and ability. Teachers inspire students, create and sustain their interest in chemistry, and place emphasis on its relevance to society. A thorough introduction to the study of chemistry and scientific methods is given to the students to develop skills relevant to the safe practice of science and to everyday life. Chemistry students at Beaconhouse develop a distinct understanding of accuracy and precision, objectivity, integrity and the skills of enquiry, initiative and insight. They become confident citizens in a technological world and are guided to take an informed interest in matters of scientific importance.

### Brief

Chemistry is used in everything we do in modern society. The aspirin (or acetaminophen, or ibuprofen, or naproxen sodium or ketoprofen, etc.) you take when you have a headache was manufactured by chemists working for pharmaceutical companies. The gasoline you use to operate your car was formulated by petroleum chemists to give it the best possible operating properties. If you have contact lenses, the plastics used to make the lens, as well as the solutions used to clean them were developed by chemists. No matter where you go, there's chemistry!

### Career Opportunities

Chemistry is an extremely rewarding A Level subject that combines well with biology, physics, mathematics, environmental studies and geography to lead to over 65 different university courses covering medicine and dentistry, material and engineering sciences, and environmental and geological sciences, together with the variety of biological, physical and chemical sciences. Students have also progressed on to economics, accountancy, physiotherapy, food science, operational research, education, banking, computing, business studies, insurance, nursing and military careers among others.





# Mathematics (9709)

## Course Outline

Mathematics is one of the most popular subject choices at Beaconhouse. It is the shorthand people use to describe what is happening around them; this is true in all kinds of jobs, from architecture to zoology. If you have enjoyed your mathematics lessons and opportunities to solve problems, then mathematics is a really useful subject to study in AS or A Level.

## How will I learn?

Beaconhouse will give you as many opportunities to think for yourself as possible, although there will be times when we do simply have to explain. Our experienced teaching staff will equip students with the requisite A Level mathematics knowledge as they have been imparting for years. We include supervised tutorials where you study the work you are doing in lessons within groups, but with a member of staff on hand to help.

## Career Opportunities

Mathematics is regarded as an asset in all areas because it develops reasoning skills and mathematical skills. Securing an A Level in this subject would make you a desirable commodity in the job market. Additionally, mathematics is a necessity if you wish to continue with the sciences, engineering or architecture, etc. and is very useful for many other areas.

# Mathematics-Further (9231)

## Course Outline

This course is recommended by CIE for high ability learners who have achieved, or are likely to achieve a high grade in the Cambridge International A Level Mathematics examination. With the exceptionally qualified and renowned faculty teaching the course at Beaconhouse, students are able to extend their mathematical skills, knowledge and understanding developed in the Cambridge International A Level Mathematics course. The content of the syllabus covers the areas of pure mathematics, mechanics and statistics.

## How will I learn?

While studying Further Mathematics at Beaconhouse, you will taste a more independent style of learning, which serves as sound preparation for university or a career. You will have the chance to work with like-minded students from other schools and in many cases, have regular input through a local university.

## Career Opportunities

Further Mathematics qualifications are highly regarded and are strongly welcomed by universities. Students who take Further Mathematics are demonstrating a strong commitment to their studies, as well as learning mathematics that is very useful for any mathematics-rich degree.



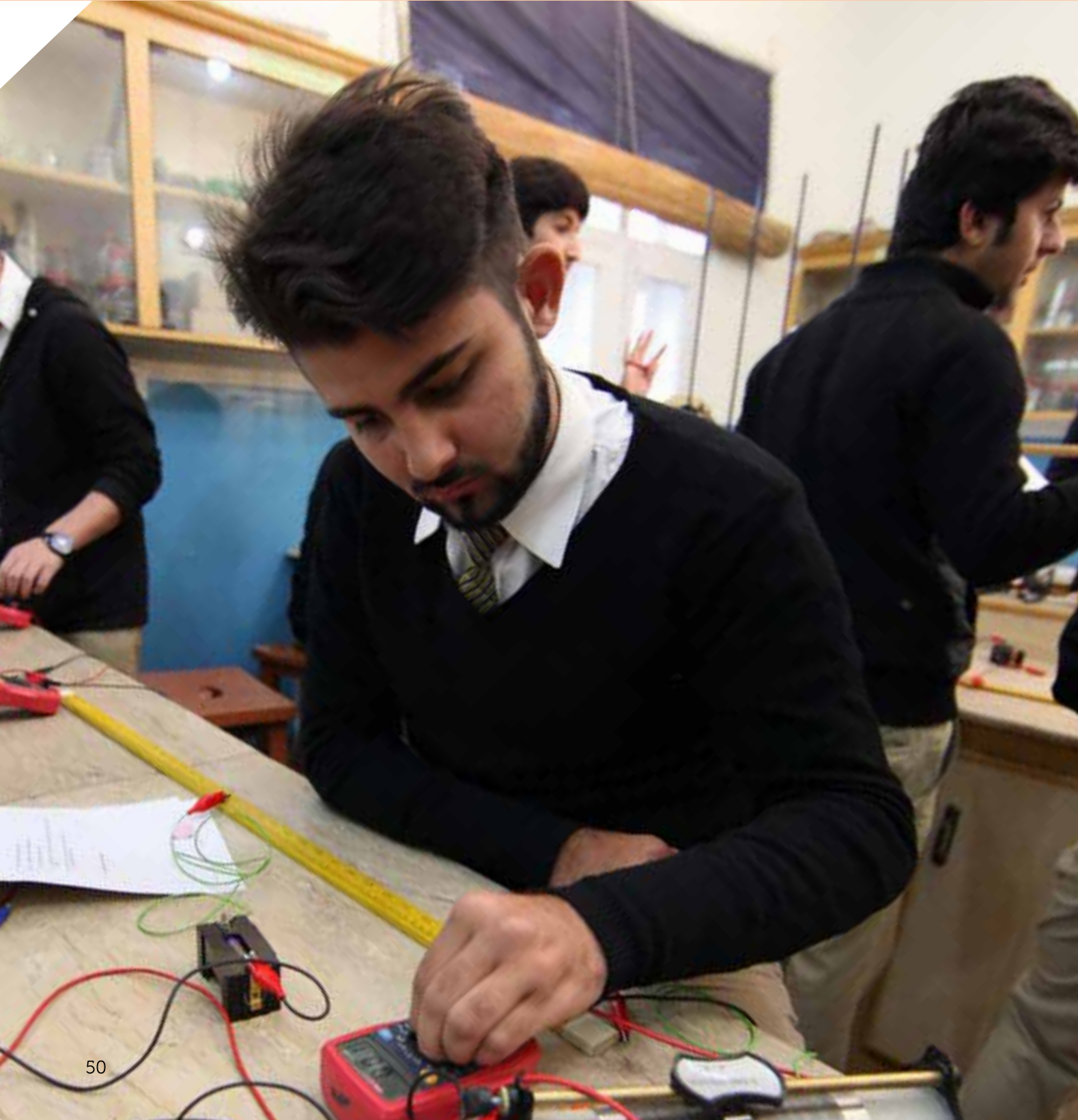
# Physics (9702)

## Course Outline

The course gives an opportunity to students to study historical and modern ideas in physics, apply them to problems to see how the different areas of physics ultimately connect with each other and explore how they explain and relate to the world around us. The aim is to develop interest, enthusiasm and skills in the subject to encourage further study or careers in physics. An important practical component is sustained throughout the course.

## Career Opportunities

Many of our students go on to complete degrees and careers in engineering, physics or specialist areas of physics such as astrophysics. However, science qualifications can lead you to careers and courses in diverse areas such as economics, accountancy, business, nursing, geological and environmental sciences – in fact any area that needs the ability to think logically, question ideas and solve problems.



# Environmental Management

(8291)

## Course Outline

This AS course covers environmental issues and their management, with special emphasis on the human aspect. Through their studies, students gain an understanding of environment resources and their human exploitation, as well as the goal of sustainable environmental management. They are provided with an opportunity to consider a range of case study material which can feature local, regional and global examples. Although the course extends and complements the relevant Cambridge O Level and Cambridge IGCSE syllabi, with the exceptional faculty and teaching methodologies at Beaconhouse students do not need to have studied the subject previously.

## How will I learn?

Along with the academic syllabus, Beaconhouse also teaches its students through research and projects. Real life research projects have proven to be a far better approach for grasping concepts.

## Career Opportunities

Students in our Environmental Management course have been able to secure a wide variety of different internships and job placements over the years at the international, national and local levels. If you pursue Corporate Environmental Management (CEM) in your future studies, you will be sought after by private-sector firms that address environmental and natural resource issues in a manner that also promotes shareholder value, resulting in you being an important asset for companies.

Also available

**Geography**  
(9696)



# Psychology (9698)

## Course Outline

Students opting for this course develop their appreciation of the subject by exploring the ways in which the study of psychology is conducted. As part of their studies at Beaconhouse, they also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key themes and issues. The teaching is reflective of the four core areas of psychology, namely cognitive, social, physiological and developmental. Students learn about the connection of psychology to education, health, organisations, the environment and human behaviour.

## How will I learn?

At Beaconhouse, you will be taught not only through textbooks but also through research, discussion and scientific experimentation. To enhance your interest and help you to learn, you will be encouraged to participate in conferences and talks with outside speakers. During extracurricular revision you will use additional sources such as published journal articles, case studies and projects to develop a greater depth of understanding of the various topics.

# Sociology (9699)

## Course Outline

In a rapidly changing world, Beaconhouse offers A Level Sociology to provide students with the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. The study of sociology stimulates awareness of contemporary social, cultural and political issues, and focuses on the importance of examining these issues in a rigorous, reasoned and analytical way.

## How will I learn?

At Beaconhouse, we make sure that the main concepts are explained and learning objectives are met through continuous discussions within the class, projects and different papers that the student is expected to write over time.

## Career Opportunities

You may choose to study sociology because you will see this broad liberal arts course of study as preparation for many professions. A degree in sociology can be useful in many varied facets of the job market and its applicability is vast. Opportunities for students majoring in sociology can arise in all areas, but the experience our renowned faculty brings into the classroom may lead to positions in the international job market.

ADVANCED  
OPTIONS

# Global Perspective & Research (9239)

## Course Outline

Global Perspective is a subject that prepares students for positive engagement with our rapidly changing world. They broaden their outlook through the critical analysis of – and reflection on – issues of worldwide significance. The teaching is based on skills rather than on specific content. Students have the opportunity to develop research, thinking, reasoning and communication skills by following an approach to analysing and evaluating arguments and perspectives called the Critical Path. The skills gained enable students to meet the demands of 21st century learning and make a successful transition to higher education.

## How will I learn?

Beaconhouse aims to foster an understanding of the world and its events by immersing promising individuals in globally important issues. By generating discussions and participating in co-curricular activities like Model United Nations, we broaden students' horizons.

## Career Opportunities

You will receive an extraordinary opportunity to further explore your topics of study at university and this subject will provide the basis for your path towards becoming a young leader.



# Thinking Skills (9694)

## Course Outline

Thinking Skills is a subject offered by Beaconhouse that develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking.

## How will I learn?

The teaching strategies employed will enable students to approach other subjects with an improved ability to understand, analyse and resolve problems. The course on Thinking Skills improves the students' learning curve and makes them critically analyse different scenarios in a specific as well as a general context.

## Career Opportunities

The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking and informed and disciplined reasoning. As a result of the teaching methodologies mentioned above, you will find the course of great benefit when preparing for higher education and for a wide range of careers, including law, scientific research, social science, journalism, medicine, business accounting and engineering.



# CAMPUS LOCATIONS



**Margalla Campus**  
 Pitras Bokhari Road, Sector H-8/4,  
 Islamabad  
 Ph: (051) 4922149



**Beaconhouse Educational Complex**  
 Street No. 3, Khyban-e-Kashmir,  
 Sector G-15/3, Islamabad  
 Ph: (051) 2160286



**All Girls Campus**  
 House No. 211, Margalla Road,  
 Service Lane North, F 10/3,  
 Islamabad  
 Tel: (051) 2292304, 2294501



**Frontier Campus**  
 Frontier Corps Building, Phase-6,  
 Hayatabad, Peshawar  
 Ph: (091) 5862977, 5861076



**Wah Cantt Campus**  
 B-20, Officers Colony, The Mall,  
 Wah Cantt  
 Tel: (051) 4540980



**Jhelum Campus**  
 Main G.T. Road, Kala Gujran,  
 Jhelum  
 Ph: (0544) 271871-3



**Potohar Campus**  
 Opposite Bahria Town Gate  
 (Phase 1-6), Soan Camp, Main GT  
 Road, Islamabad  
 Ph: (051) 4917183

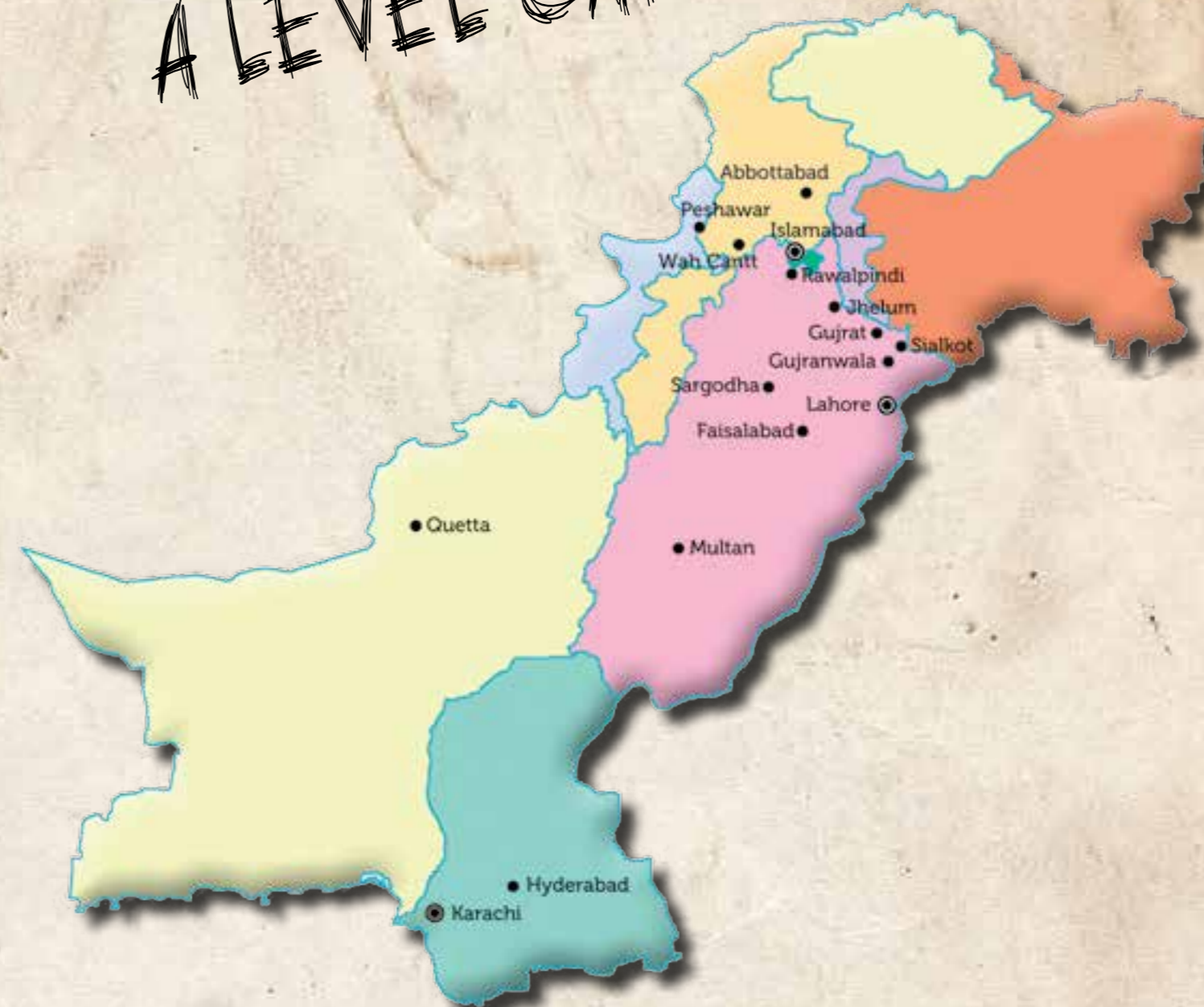


**Gujrat Campus**  
 Near River Housing Society,  
 Kathala Chenab, G.T. Road,  
 Gujrat  
 Ph: (053) 3589113-7



**Beaconhouse Abbottabad Campus**  
 Survey No. 245, 23 Kachahri  
 Road, Opposite PTCL Exchange,  
 Abbottabad Cantt  
 Ph: (0992) 330211

# NATIONWIDE A LEVEL CAMPUSES



- Margalla Campus, Islamabad
- All Girls Campus, Islamabad
- Beaconhouse Educational Complex, Islamabad
- Potohar Campus, Rawalpindi
- Frontier Campus, Peshawar
- Wah Cantt Campus
- Jhelum Campus
- Gujrat Campus
- Abbottabad Campus
- Beaconhouse-Newlands, Lahore
- Beaconhouse College Campus Gulberg, Lahore
- Liberty Campus, Lahore
- Defence Campus, Lahore
- Johar Town Campus, Lahore
- Palm Tree Campus, Gujranwala
- Faisalabad Campus
- Multan Campus
- Sialkot Campus
- Sargodha Campus
- North Nazimabad Campus, Karachi
- Gulshan Campus, Karachi
- PECHS Campus, Karachi
- Beaconhouse College Campus Defence, Karachi
- Qasimabad A Level Campus, Hyderabad
- Juniper Campus, Quetta



# THE BEACONHOUSE STORY

Beaconhouse was established as a small Montessori school in 1975 and currently educates over a quarter of a million children in ten countries. Its impact has benefitted countless families, students, educators, affiliates and many others, both directly and indirectly. Mentioned here are some of the key milestones of our journey.



**1975**  
Les Anges Montessori Academy is established at Mrs Kasuri's grandmother's home in Lahore



**1978**  
Beaconhouse Public School opens its first branch in Lahore



**1982**  
A teacher education programme is initiated with Moray House, School of Education, Scotland



**1982**  
The first batch of O Level students graduates



**1986**  
Beaconhouse constructs its first purpose-built campus in Hyderabad



**1993**  
A teacher education programme for in-service teachers starts with University of Bradford, UK



**1993**  
The 50th Beaconhouse school opens



**1994**  
Mahmud Ali Kasuri Welfare Trust is established for charitable and education-related work



**1995**  
A major Beaconhouse academic conference is held for school leaders and academic decision-makers in Bhuban on its 20th anniversary



**1996**  
IFC, the World Bank's private investment arm, finances the construction of 13 purpose-built campuses



**2000**  
"Rethinking Education" conference is held in Islamabad on Beaconhouse's 25th anniversary to discuss the use of technology in education



**2002**  
The Educators, the first franchise-based school in the world, is launched



**2002**  
Beaconhouse National University (BNU), the first liberal arts university in Pakistan, opens in Lahore



**2003**  
Beaconhouse Educational Services Ltd. is established in the UK



**2004**  
Beaconhouse establishes its first international school in Malaysia



**2004**  
Beaconhouse School System enrollment exceeds 50,000 students



**2005**  
The first School of Tomorrow (SOT) conference, "Towards 2035: The School of Tomorrow", is held on Beaconhouse's 30th anniversary



**2005**  
Kasim Kasuri is appointed Chief Executive of Beaconhouse



**2005**  
Beaconhouse acquires its first school in the Philippines



**2006**  
The 100th Beaconhouse school opens



**2006**  
Greenfield school is established in Oman



**2007**  
TNS Beaconhouse opens its first branch in Lahore, with a focus on project-based learning and the Reggio Emilia Approach



**2007**  
Beaconhouse acquires Cherub Nurseries and Preschools and Pocklington Montessori in the UK



**2009**  
Beaconhouse enters into a public-private partnership with Abu Dhabi Education Council to manage a group of government schools



**2010**  
Beaconhouse acquires the master franchise for Gymboree Play & Music in Pakistan



**2010**  
The second SOT conference, "School of Tomorrow: Freedom to Learn" is held in Lahore on Beaconhouse's 35th anniversary



**2011**  
Beaconhouse-Newlands, Lahore's first day-boarding school, is established



**2012**  
TNS Beaconhouse becomes the first accredited International Baccalaureate World School in Lahore



**2012**  
Premier Diverse Learning Concepts (Premier DLC) is launched, offering teacher training and accountancy courses along with other consulting services



**2012**  
Beaconhouse-Newlands opens in Kuala Lumpur, Malaysia



**2012**  
The third SOT conference, "School of Tomorrow: Empowering Lifelong Learners", is held in Kuala Lumpur, Malaysia



**2014**  
Concordia Colleges are launched across Pakistan, offering FSc, ICS, ICom and FA



**2014**  
Beaconhouse Malaysia celebrates its 10th anniversary



**2014**  
Beaconhouse enters into a joint venture partnership with Thailand's Yamsaard School Group forming the Beaconhouse-Yamsaard schools



**2014**  
Beaconhouse acquires the master franchise for Gymboree Play & Music in Belgium



**2015**  
Beaconhouse-Newlands opens in Islamabad



**2015**  
The fourth SOT conference, "School of Tomorrow: The End of Education? (as we know it)", is held in Karachi to discuss the influence of geopolitics, global security, media, emerging technologies and other evolving forces on the future of education



**2016**  
The fifth SOT Event, "A World of Tomorrow: Seeking Inspiration and Equilibrium in a New Age", is held in Lahore to deliberate topics under five dimensions: A Digital Future, A Balanced Future, A Safer Future, An Expressive Future and An Inclusive Future.



**2017**  
The sixth SOT Event, "A World of Tomorrow: Seeking Inspiration and Equilibrium in a New Age", is held in Islamabad as a twin event to SOT 2016 in order to extend the discussions held previously under five dimensions.



to Level



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