



MYDDELTON
- COLLEGE -



ONE-YEAR A LEVEL FAST-TRACK PROGRAMME

EXPLORE YOUR FUTURE WITH US

Programme Information



We are proud to offer a **fast-track A-Level programme** specifically designed for international students who are looking to complete their studies in a shorter time.

This intensive **one-year course** allows students to cover the material typically studied over two years, helping them to quickly progress to university or other higher education opportunities. We understand that many international students aim to achieve their academic goals efficiently, and our fast-track A-Level programme is tailored to meet these needs.

The fast-track A-Level programme provides a **supportive and focused learning environment**. With smaller class sizes and dedicated teachers, students receive personalised attention and guidance throughout their studies. Our

experienced specialists are committed to helping each student succeed, offering additional support and resources as needed. This ensures that every student can fully grasp the course content and perform well in their exams.

Our school offers a vibrant and inclusive community, where international students can feel at home. Our fast-track A-Level programme not only focuses on academic excellence but also on providing a well-rounded experience, including extracurricular activities and pastoral care.

Through our holistic approach, we ensure students are thoroughly prepared for future academic and personal success, by combining rigorous academics with essential skills development and tailored support for well-rounded growth.

Course Aims



As part of the fast-track A-Level programme, we have five core goals for our students:

- 01.** To enable students to achieve a comprehensive and in-depth understanding of their chosen subjects within a condensed timeframe, ensuring they are well-prepared for further study at university.
- 02.** To develop advanced critical thinking, analytical, and problem-solving skills, allowing our students to apply their knowledge in practical, theoretical, and cross-curricular contexts effectively.
- 03.** To focus on rapidly developing our students' key academic skills such as research, essay writing, and exam techniques, and equipping students with the tools necessary to excel in their A Level studies and beyond.
- 04.** To provide tailored academic and pastoral support and mentorship, ensuring that each student receives the guidance needed to thrive in our fast-paced learning environment.
- 05.** To foster a well-rounded educational experience that includes opportunities for personal growth, leadership development, and extracurricular engagement, preparing students for the challenges of university life and beyond.

Entry Requirements

- **Academic skills and content knowledge in Mathematics and Science, equivalent to at least Year 1 of A-Level in chosen subjects**
- **IELTS 6.0 or equivalent**
- **All candidates entering this programme follow our 'Test and Interview' process**

Step-by-Step Application Process

Enquiry: Nothing beats seeing our beautiful school in action so please do contact our Admissions team and make an appointment to come and see us. If you are unable to come in person, our Admissions Team would also be delighted to make an appointment so you can meet us 'virtually'

Application: You must submit a copy of the student's passport, school report/academic transcript, and application form

Assessment: Once you have applied, our Admissions Team will make arrangements for interview and entrance exams. We will also seek references from the student's current school.

Offer and Acceptance: Once the student has completed the tests, attended an interview and any other steps that need to be taken into account, and we have received a satisfactory reference, you will be sent a formal offer letter and the accompanying contract documents. When we have received the signed contract and deposit, you will then have a place at the School. Further communications, including joining details, will follow.

A-Level Combinations

Preparing for your studies at A-Level requires a strategic approach that takes into account your long-term goals and aspirations at both university and beyond.

Despite there being no pre-determined set of subjects that can guarantee a place at such institutions, here are some of the most commonly accepted subject combinations

If you feel unsure as to which combination of subject best suits your aspirations for university, please feel free to **contact our staff**, who will be happy to guide you in making a suitable decision. Ultimately, we recommend choosing subjects that you are passionate about and have a strong foundation in.

| University Faculties / Subjects | A-Level Combinations |
|--|---|
| Medicine and Health Sciences School Health Sciences Life Sciences Medicine Veterinary Medicine and Science | <ul style="list-style-type: none"> • Biology, Chemistry, and Mathematics • Biology, Chemistry, and Physics |
| Engineering School Architecture and Built Environment Chemical and Environmental Engineering Civil Engineering Electrical and Electronic Engineering Foundation Engineering and Physical Sciences Mechanical, Materials and Manufacturing Engineering | <ul style="list-style-type: none"> • Economics, Psychology, and Mathematics • Mathematics, Physics, and Chemistry |
| Science School Biosciences Chemistry Computer Science Mathematical Sciences Pharmacy Physics and Astronomy Psychology | <ul style="list-style-type: none"> • Mathematics, Physics, and Further Mathematics • Psychology, Biology, and Chemistry |
| Social Sciences Economics Education Geography Law Business Politics and International Relations Sociology and Social Policy | <ul style="list-style-type: none"> • Mathematics, Economics, and Business Studies • Mathematics, Economics, and Further Mathematics |

Subject Overview

This programme requires a high level of commitment and dedication from students, as the pace is fast and the workload significant. Below is an overview of the subjects offered, along with the exam boards that provide the courses.

01. Mathematics

Develops problem-solving skills and logical reasoning through advanced topics like calculus, algebra, and statistics, preparing students for a wide range of careers and further study.

02. Chemistry

Explores the principles of chemical reactions, molecular structure, and laboratory techniques, providing a foundation for careers in science, medicine, and engineering.

03. Biology

Investigates the complexities of living organisms, from cellular processes to ecosystems, equipping students with knowledge for careers in health, research, and environmental sciences

04. Physics

Examines the fundamental laws of nature, covering topics such as mechanics, electricity, and quantum

physics, essential for careers in engineering, technology, and scientific research.

05. Business Studies

Provides insights into business operations, management, and entrepreneurship, preparing students for careers in business, finance, and marketing. Business is one of the most popular subjects taken at A Level.

06. Economics

Analyses economic principles, including supply and demand, market structures, and government policies, providing a solid foundation for careers in finance, business, and policy-making.

07. Psychology

Studies human behaviour and mental processes, exploring theories of cognition, emotion, and development, suitable for careers in healthcare, counselling, and research.

Choosing a one-year A-Level course requires careful consideration of the subject matter, your academic strengths, and your future career aspirations.

“
We love the Myddleton Values. They
have a great ethos which really shines
through their learning style.

CURRENT PARENT





Mathematics

A-Level Mathematics is a challenging and rewarding course that develops critical thinking, problem-solving, and analytical skills. It covers a wide range of topics, including algebra, calculus, trigonometry, and statistics, providing a strong foundation for further study in mathematics, engineering, the sciences, and economics. The course not only enhances logical reasoning but also prepares students for real-world applications in various fields. With its rigorous content and emphasis on abstract thinking, A-Level Mathematics is highly respected by universities and employers alike, making it an excellent choice for those with a strong interest in mathematics and related disciplines.

What will I Learn?

Pure Mathematics:

Pure Mathematics covers fundamental concepts such as algebra, calculus, trigonometry, and vectors. Students deepen their understanding of mathematical principles, exploring functions, sequences, and series. The focus is on developing abstract thinking and problem-solving skills, essential for tackling complex mathematical problems and applications across various disciplines.

Mechanics:

Mechanics applies mathematics to physical contexts, including kinematics, forces, Newton's laws, and moments. It helps students understand the mathematical principles governing motion and equilibrium, making it particularly relevant for those interested in physics, engineering, or any field involving physical sciences.

Statistics:

Statistics involves data analysis, probability, and statistical distributions, including binomial and normal distributions. Students learn to interpret data, apply probability theories, and conduct hypothesis testing, skills that are vital in scientific research, economics, and social sciences, where data-driven decision-making is key.

Universities and employers often regard mathematics as a challenging subject and therefore view its completion with a higher grade as a sign of academic strength in a student.

Chemistry



Chemistry is a highly regarded and demanding academic subject. Pursuing it will enhance your analytical and numerical abilities, while also honing your problem-solving skills and your capacity to apply knowledge in unfamiliar contexts. An A-Level in Chemistry is essential for entry into degree courses in Chemistry, Medicine, Dentistry, and Veterinary Science. It is also a valuable qualification when applying for broader natural sciences courses, and will be well-regarded in applications for subjects such as Law and Philosophy due to the critical skills it fosters.

What will I Learn?

Chemistry is inherently a practical subject.

Throughout the course, you will engage in various hands-on activities, including:

- Measuring energy changes in chemical reactions
- Conducting tests to identify different types of compounds
- Exploring methods for measuring reaction rates
- Studying electrochemical cells
- Preparing organic solids and liquids

Career Options?

An A-Level in Chemistry opens up a diverse range of career paths, particularly if you pursue a related degree at university. Potential career options include:

| | |
|--------------------------|--------------------------------|
| Chemist | Clinical Biochemist |
| Pharmacologist | Medical Doctor/ Nurse/ Midwife |
| Toxicologist | Research Scientist |
| Environmental Consultant | Lecturer |



Biology

Building on your GCSE knowledge, an A-Level in Biology will delve into the living world at all levels, from micro to macro, across a wide range of organisms. You will explore key concepts such as cells as units of life, biochemical processes, DNA as the molecule of heredity, natural selection, and the interaction of organisms with their environments.

What will I Learn?

Biology, like all sciences, is a practical subject. Throughout the course, you will engage in various hands-on activities, including:

- Using microscopes to observe cell division
- Dissecting animal or plant systems
- Applying aseptic techniques to study microbial growth
- Investigating cellular activities
- Exploring animal behaviours

There is no coursework for this course. However, your performance in practical activities will be assessed against a range of standards.

Career Options?

An A-Level in Biology can lead to a variety of exciting career paths. Graduates often pursue roles such as:

| | |
|-------------------------------|--------------------|
| Doctor | Pharmacologist |
| Vet | Research Scientist |
| Marine Biologist | Dentist |
| Clinical Molecular Geneticist | Microbiologist |



Physics

An A-Level in Physics will introduce you to key areas of the subject, showcasing its depth and breadth. You will explore Newtonian classical mechanics as well as modern cosmological phenomena, such as star formation, Hubble's law, and the Big Bang theory. The course covers fields, waves, and particles, along with the intriguing behaviour of the microscopic world. Practical applications of physics, including electric circuits and medical physics, will also be studied. Physics offers challenges that captivate the inquiring mind, making it an immensely rewarding subject to pursue. However, it is important to recognise that Physics is a highly conceptual subject and demands serious commitment.

What will I Learn?

Physics, like all sciences, is a practical subject. Throughout the course, you will carry out 12 assessed practical activities, including:

- Investigating interference and diffraction of laser light
- Measuring acceleration due to gravity
- Studying oscillating systems
- Exploring the relationships between temperature, volume, and pressure
- Safely using ionizing radiation
- Investigating magnetic fields
- Particles and radiation
- Waves
- Thermal Physics

Career Options?

Studying A-Level Physics can lead to a variety of exciting career paths, including:

| | |
|----------------------|----------------------------------|
| Healthcare Scientist | Research Scientist |
| Meteorologist | Structural Engineer |
| Actuary | Systems Developer |
| Geophysicist | Scientific Laboratory Technician |



Business

Business is one of the most practical and relevant A-Level subjects. It highlights the interconnected nature of business by employing models, theories, and techniques to analyse contemporary business issues and scenarios. The content is crafted to engage students with topics and issues that are pertinent in today's society. Alongside the traditional business functions, you will explore key modern developments such as digital technology and business ethics, with the impact of globalisation woven throughout the course.

What will I Learn?

Throughout the course, you will:

- Explore current business issues and investigate problems of importance within the UK economy and beyond.
- Make informed decisions and propose solutions using both quantitative and qualitative methods, considering opportunity costs.
- Understand the threats, constraints, and opportunities associated with global trade.
- Develop an awareness of the ethical and moral considerations in business decision-making, and the need for responsible environmental practices.

Career Options?

An A-Level in Business Studies can lead to a variety of exciting career paths. Graduates often pursue roles such as:

| | |
|-----------------------|---------------------------|
| Business Analyst | Marketing Manager |
| Accountant | Entrepreneur |
| Project Manager | Financial Analyst |
| Management Consultant | Human Resource Management |



Economics

A-Level Economics is designed around four themes. Students start by exploring core microeconomic and macroeconomic concepts such as demand and supply and resource scarcity, applying them to everyday life. You will investigate the causes and effects of issues like inflation, unemployment, globalisation, and poverty, as well as the environmental impacts of economic activity and potential mitigation strategies. Students will also be given the opportunity to delve into more complex concepts and models, enhancing their breadth and depth of knowledge. This course allows students to develop an awareness of current economic events and government policies.

What will I Learn?

Learning is interactive, involving games, quizzes, in-class assessments, real-life case studies, private research, and discussions. These methods help build basic subject knowledge and develop a deeper understanding and strong exam techniques. Students are expected to engage in at least four hours of private study per week, with an increase in Year 13.

Career Options?

A-Level Economics prepares students for undergraduate studies in various fields, including:

| | |
|-------------------------|---------------------|
| International Relations | Finance |
| History | Politics |
| Banking | Economic Researcher |
| Statistician | Civil Service |



Psychology

Psychology represents our efforts to understand the thinking and behaviour of human beings. A-Level Psychology offers an introduction to this complex and diverse field, covering a wide range of topics. The course helps students develop the ability to understand, apply, and critique scientific research across various cultures and populations. It also fosters a critical awareness of the strengths and limitations of different scientific investigation methods and how findings are interpreted and presented.

What will I Learn?

The course delves into social influence, exploring themes such as conformity, obedience, resistance to social influence, minority influence, and social change. In the study of memory, students examine memory models, the mechanisms of forgetting, and the reliability of eyewitness testimony. The attachment section investigates childhood attachments, animal studies, and the effects of institutionalization and deprivation.

Psychopathology introduces definitions of abnormality and mental illnesses, including depression, phobias, and OCD. The approaches to psychology cover the learning, cognitive, biological, psychodynamic, and humanistic perspectives. Research methods focus on experimental design, sampling, descriptive statistics, correlations, and self-reporting techniques.

In Biopsychology, students learn about the nervous and endocrine systems, brain function localization, methods of studying the brain, and biological rhythms.

Career options?

A-Level Psychology provides a strong foundation for further study and a wide range of careers that involve understanding and influencing human behaviour such as:

| | |
|----------------------------|-------------------------|
| Clinical Psychologist | Forensic Psychologist |
| Researcher | Neuropsychologist |
| Counselling Psychologist | Health Psychologist |
| Human Resources Specialist | Market Research Analyst |

Academic & Pastoral Support



We are a close and friendly learning community that prides itself on the quality of the relationships between staff, students and parents.

Our student support consists of:

- 01.** Individual assistance from specialist teachers
- 02.** Regular meetings with pastoral tutors
- 03.** Meeting with an academic advisor fortnightly
- 04.** Peer support groups
- 05.** Cultural workshops

We incorporate support within the classroom as required through targeted help within small groups and individual assistance from specialist teachers. The course is intensive and we monitor progress carefully to ensure that students are able to take advantage of the fast pace of the course. We also offer advice, guidance, and support for applications to universities in the UK. Practice interviews and feedback is a key part of our university preparation and helps students to gain confidence for the real interviews.

Every student has daily care, which is managed by their tutor. During the school day, Heads of Houses oversee the pastoral care of the students in their houses. Our Boarding Team work in close collaboration with all staff to ensure the well-being of our boarding students is carefully monitored. This enables a seamless and enjoyable transition between the school day and boarding life.

University Destinations

If you're wondering what opportunities are available upon successful completion, students frequently gain admission to some of the most prestigious universities in the UK, including those within the **Russell Group**. These universities are renowned for their academic excellence, research output, and global reputation.

Top destinations for students from the fast-track programme include world-leading institutions such as **University College London (UCL), Imperial College London, the University of Cambridge, and the University of Oxford**. These universities are highly sought after, particularly by international students who aspire to study in a rigorous academic environment.



Application Support

We understand no two students are alike, therefore we offer tailor-made support for students completing their university applications. We work closely with you to refine your **UCAS** application, university choices and perfect your personal statement, ensuring you are fully prepared and confident for any challenges the application process may present.

Whether you're applying to Oxford, UCL, medical school or other highly competitive courses such as dentistry, veterinary science, English, and law, our team will guide you towards your chosen career.

FAQs



How many lessons are there per day ?

Students typically have 4-5 lessons per day, with each lesson lasting around an hour, depending on the timetable and subject combination.

What is the workload?

A-Level workload can be intensive, requiring independent study alongside classroom learning. Students are expected to dedicate significant time to homework, projects, and revision.

Will I still have time for activities outside of my academic studies?

Time management is key, and while the course is demanding, students are encouraged and have many opportunities to participate in extracurricular activities to maintain a balanced lifestyle.

Can I attend a Top University?

Our A-Level programme is designed to prepare students for top universities. Many of our graduates successfully gain admission to top institutions in the UK and around the world.

Can I study at an International University?

Yes, A-Levels are internationally recognised, and we offer support to students aiming to study at universities around the world.

How does the school prepare students for life beyond A Levels, including career guidance?

The school offers comprehensive career guidance, including workshops, university application support, and advice on career paths to ensure students are well-prepared for life after A-Levels.

Contacts

If you would like to learn more about any of the courses we offer, or wish to explore the potential pathways your subject combinations could lead to, please do not hesitate to contact the appropriate team member listed below. They will be pleased to assist you further.

| Region | Email |
|--|-----------------------------------|
| UK | admissions@myddeltoncollege.com |
| EU, Americas, Africa | ian.shields@myddeltoncollege.com |
| HK, South East Asia, Russia & CIS | lmcgrath@myddeltoncollege.com |
| Thailand & Laos | r.boonyarit@myddeltoncollege.com |
| Middle East | jperry@myddeltoncollege.com |
| Mainland China | melanie.duan@myddeltoncollege.com |



We look forward to helping you learn more about the A-Level fast track programme

“Myddelton College helped me build
a strong work ethic and a positive
approach to problem-solving

FORMER STUDENT





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