



Subject pre-requisites for 2023 Course Enrolment

AS Level English is compulsory.

English courses at the Lyceum develop cross-disciplinary, critical thinking and communications skills which are vital in the study of any subject and support careers in all fields. Many years of experience have shown that students who study English during their A Levels see benefits in their other subjects as well. Furthermore, all English medium colleges and universities, in Pakistan and abroad, as well as employers value competence in English speaking, writing and comprehension, and students will need strong language and critical thinking skills and metacognition skills to succeed at the university level.

Most students take English General, but those who have a proven command of the language can consider taking Language or Global Perspectives and Research.

Students may choose one of the three options below.

English General – AS Level (8021)

Pre-requisite: B in English at school and at the O Level. All students must give the AS level examination at the end of their first year.

English General students learn to improve their comprehension skills through reading and discussions on local and world issues. They improve and work on their writing skills as they learn to analyse, reflect and debate on topics studied.

English Language – AS (9093)

Pre-requisites: A/A* in English Language at O Level, excellent 9–11 English grades, and an attested photocopy of a dated and marked class 11 English Language composition test with the topic/questions. Students with weak writing skills and grammatical problems may not be accepted for this course.

In the first year, students learn how to analyze various genres, write for an audience and write imaginative / creative / descriptive pieces. In the second year, the focus moves on to spoken language, English as a global language and language acquisition. All students will sit the AS Level examination at the end of their first year. Students who have strong grades in AS Language may continue with the course and sit the A Level examination after the second year.

Global Perspectives and Research (GPR) – AS (9239)

Pre-requisites: In addition to very strong English grades in school and at O Levels, applicants will have to sit for the GPR admission test. Students should enjoy reading and reflection, and be interested in doing research.

Offered at both AS and A Level and completed within 1 year each, GPR encourages students to broaden their perspectives by engaging with global issues and trains them in critical analysis and reflection and become more disciplined observers, thinkers, researchers, writers and communicators.

Students must:

1. Research and write an essay of 1750 words on a global issue (not done in a timed exam, but outside of class). Students will learn how to do research as they engage, reflect and critically analyze global issues.



2. Research a topic on a local issue with a team, then individually create and present an 8 minute presentation. Then write an 800-word reflective essay.

3. Sit a one and a half hour paper.

Mathematics (9709)

Mathematical and quantitative skills are now key to advanced learning in all fields but particularly in science and business courses at A levels and Universities.

The Lyceum expects all its science and business students to take up AS Maths. Those who fear Maths should reconsider their choice of business or science subjects or embrace it by revising and consolidating their Maths base during the summer break. If still unable to cope with AS Maths, students may request permission to drop it at the beginning of November or after the mid-year exams, but pursuing it for one year will give them an edge and skill they will always be grateful for. Please carefully review university pre-requisites for your career options before you consider dropping Maths.

Mathematics consists of 2 Pure Mathematics components (P) and 2 elective components in Mechanics (M) and Statistics (S).

Applicants who have not studied Additional Mathematics at O level are placed in a non-Add Math group in their First Year.

- In First Year, all students take P1 and S1
- In Second Year all students take P3 and S2 except those with an Additional Mathematics background who are studying A level Physics but not A level Biology. They take P3 and M1 in the Second Year.

Further Mathematics (9231)

Pre-requisites: A* in Mathematics and Additional Mathematics at school and at the CIE O Level. Students wishing to take Further Mathematics must have the interest and dedication to study this challenging subject; success will require consistent hard work and focus.

Further Mathematics develops knowledge and skills in pure mathematics, mechanics and statistics beyond A Level Math and provides a stronger foundation for studying mathematics or related fields at the university level.

Students will take their AS Level exam after first year and the A Level exam after their second year. All students will take P1 and Mechanics in the first year, and P2 and Statistics in the second year.

SCIENCE SUBJECTS:

Science subjects require strong quantitative skills which is why all Science students at The Lyceum are required to study AS level Mathematics.

Biology (9700)

Pre-requisites: A strong academic profile with an A average in Biology throughout.



Chemistry (9701)

Pre-requisites: A strong academic profile with an A average in Chemistry throughout.

Physics (9702)

Pre-requisites: A strong academic profile with an A average in Physics and Mathematics throughout. Applicants with an Add Math background are preferred.

BUSINESS SUBJECTS:

Pre-requisites: Strong quantitative skills and a keen desire to study business subjects.

Accounting (9706)

Pre-requisites: A/B in Accounts and Mathematics throughout school and an A at the O Level.

Business Studies (9609)

Pre-requisites: Good overall result in school with an A in Mathematics and B in English at the O Level.

Computer Science (9608)

Pre-requisites: Good overall result in school and an A in Mathematics at school and at the O Level.

Economics (9708)

Pre-requisites: Strong analytical skills and an A/B in Mathematics and English.

SOCIAL SCIENCE SUBJECTS:

Applicants must have an excellent command of the English language and have the motivation and stamina required for reading, analysis and reflection.

English Literature (9695)

Pre-requisites: Preferably students who have studied English Literature at O Levels and have enjoyed it. Applicants are required to submit one marked English Literature test taken during the final year of their O Levels with the date of the test clearly stated.

Applicants who do not have an English Literature background yet are very keen and have a strong command over English language may be asked to sit a written test. All applicants must have a good command over English language and must have maintained an A/B in the subject throughout school and at O Level.

History (9389)

Pre-requisites: An overall B+ result throughout school in English Language and an A at the O Level. Students will need to engage with the subject and be willing to think 'out of the box' as they analyse the texts critically.



Psychology (9990)

Pre-requisites: An overall B+ result throughout school in English Language and an A at the O Level.

Sociology (9699)

Pre-requisites: An overall B+ result throughout school in English Language and an A at the O Level

Law (9084)

Pre-requisites: An overall B+ result throughout school in English Language and an A at the O Level. A level. Law topics are the same as taught in first year Law therefore only those truly interested in learning how the legal system works and have a stamina for reading should apply.

Urdu (9686)

Those interested in learning Urdu prose and poetry should apply.

Art and Design (9704)

Pre-requisites: Preference will be given to applicants who have studied Art at the O Level. However, exceptional applicants who do not have a strong art portfolio but are keen to study Art may sit for an art test.

Politics (2017) Edexcel Board

Pre requisites: An interest in politics and current affairs and strong reading and writing skills.

The subject aims to give students an understanding of contemporary political structures and institutions in the UK and USA, and to develop an awareness of the changing nature of politics and the relationships between political ideas, institutions and the influences and interests which have an impact on political decisions.

The syllabus covers UK Politics, UK Government, Political Ideologies, and Comparative Politics in the USA. It should be taken by those who are considering careers in the fields of journalism, politics, the law, civil service, policy making, or policy advocacy in such diverse fields as health, education, environment, or energy.

Students will develop the ability to critically analyse, interpret and evaluate political information to form arguments and make judgements.