

# CARRICKFERGUS LEARNING COMMUNITY



**CLC**

**Subject Choices Booklet  
2020— 2022**



Media Studies students  
get down to business



Oscars of the  
future?  
Moving Image  
Arts

**'A Quest for Excellence'**

## CLC students enjoying their studies



CLC students on field trip to Murlough Bay



Travel & Tourism students mixing work with play



It's pointing the wrong way for a selfie!

'A Quest for Excellence'

## Carrickfergus Learning Community - C.L.C.

### *What's on offer*

The post-primary schools in Carrickfergus collaborate to widen the choice of subjects available for sixth form pupils to study by offering students from the other schools specific courses subject to availability.

At **Carrickfergus Academy, Senior Site**, Students may study:

- English Literature (AS/A2) Page 4
- ICT (Level 3 Diploma) Page 5
- Media Studies (AS/A2) Page 6
- Religious Education (AS/A2) Page 7
- Technology & Design—Product Design (AS/A2) Page 8
- Tourism (Level 3 Applied Diploma) Page 9

At **Carrickfergus Grammar School** Students may study:

- Biology (AS/A2) Page 12
- Chemistry (AS/A2) Page 13
- Government & Politics (AS/A2) Page 14
- History (AS/A2) Page 15
- Mathematics (AS/A2) Page 16
- Photography (AS/A2) Page 17
- Physics (AS/A2) Page 18
- Geography (AS/A2) *(Classes shared with Academy)* Page 19

At **Ulidia Integrated College** Students may study:

- Moving Image Arts (AS/A2) Page 20
- Performing Arts (BTEC) Page 21
- Business Studies (CTEC Level 3 Single Award) Page 22
- Health & Social Care (AS/A2) Page 23

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## ENGLISH LITERATURE

Examining Board: **CCEA**

**Year 13 study is made of up of two units of work**

### **Unit 1 – The Study of Poetry 1900-Present and Drama 1900-present**

#### **Section A - The Study of Poetry 1900-present**

Chosen Poets: Elizabeth Jennings/ Philip Larkin  
Assessment: External examination (Open book)  
Weighting: 12% A level

#### **Section B – The Study of Drama 1900-present**

Chosen Text: Arthur Miller's *The Crucible*  
Assessment: External examination (Closed book)  
Weighting: 12% A level

#### **Unit 2 - The Study of Prose Pre 1900**

Chosen Text: Mary Shelley's *Frankenstein*  
Assessment: External examination (Closed book)  
Weighting: 16% A level

**Year 14 study is made of up of three further units of work**

#### **Unit 1 – Shakespearean Genres**

Chosen Text: *Othello*  
Assessment: External examination (Closed book)  
Weighting: 20% A level

#### **Unit 2 – The Study of Poetry Pre 1900 and Unseen Poetry**

##### **Section A - The Study of Poetry Pre 1900**

Chosen Texts: Blake's *Songs of Innocence* and *Songs of Experience*  
Assessment: External examination (Closed book)  
Weighting: 10% A level

##### **Section B – Unseen Poetry**

Assessment: Extract-based question  
Weighting: 10% A level

#### **Unit 3 – Internal Assessment**

Chosen Texts: Margaret Atwood's *The Handmaid's Tale* and Kazuo Ishiguro's *Never Let Me Go*  
Assessment: Internal Assessment: 2500 words  
Weighting: 20% A level

It is expected that students who chose to study this course will have achieved at least a grade C in GCSE English. Candidates should also preferably have attained a Grade C or above in GCSE English Literature but this is NOT compulsory.  
Careers: Teaching, writing, journalism, public relations, marketing, media, acting, broadcasting, law etc.

## AS/A2 GCE

Length of Course: **2 years**

## CARRICKFERGUS LEARNING COMMUNITY

### CONTACT DETAILS

#### **CARRICKFERGUS ACADEMY— Senior Site**

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Co-ordinator	Mrs J McClean

#### **CARRICKFERGUS GRAMMAR SCHOOL**

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Co-ordinator	Mr S Martin

#### **ULIDIA INTEGRATED COLLEGE**

Phone number	02893358500
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Co-ordinator	Mr B Dunlop

## C.L.C PRACTICAL DETAILS

The schools involved are the three post primary schools in Carrickfergus

Carrickfergus Academy Carrickfergus Grammar School  
Ulidia Integrated College

The subjects offered in our partner schools will take place either on:

Tuesday mornings (9.00 – 11.00), Thursday mornings (9.00 – 11.00) **and**  
Friday mornings (11.30 – 12.30),

**or on**

Monday mornings (11.30 – 12.30), Wednesday mornings (9.00 – 11.00) **and**  
Thursday afternoons (1.30 – 3.30)

These times have been chosen to suit all school timetables.

**Taxis** pick up students 10 minutes before each class starts (11.20 or 1.20),  
and return pupils 5 minutes after the end of each class (11.05 or 12.35).

**It is vital that students are there on time.**

**Students will make their own travel arrangements for the beginning  
or end of the school day.**

All pupils from each school will be in normal uniform and are the responsibility  
of their own school coordinator, who is the person to contact in case of  
absence, illness or other problems or queries.

They will be expected to abide by the standards of the school they are visiting  
(and their own, of course).

Classes will take place in specific areas in all schools, which the pupils will visit  
during the Induction Day.

Exams will be taken in the school in which the subjects are being studied.

### FOR PARENTS

Parents of all participating students will be expected to attend an introductory  
Parents' Evening .

You will be invited to Parents' Consultation Evenings held in the school your  
son/daughter is attending for a CLC subject and will receive reports from those  
schools in addition to their normal school report. It is extremely important that  
you attend these.

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## ICT

## LEVEL 3 DIPLOMA

*Examining Board:* OCR

*Specification:* **Cambridge Technical in IT Introductory Diploma (Level 3)**

*Length of Course:* **2 years**

Pupils are assessed in 6 coursework units. It is recommended that pupils have studied ICT at GCSE if considering this course. Due to the coursework-based nature of the course it is recommended pupils have at least a C in English to enable them to gain a good grade for their written communication skills. The course is recognised by both Queen's University Belfast and University of Ulster for ICT-based degrees.

### Course Content

#### Year 13

##### Unit 1 – Communication and Employability Skills for IT

This unit will enable you to create ICT documents for certain audiences. It will also allow you to learn about different personal skills that are essential within the ICT Industry. You will then learn about the different methods of ICT communication and be able to demonstrate ICT skills.

##### Unit 2 – Information Systems

This unit allows the student to demonstrate the information organisations hold and how this is valuable to an organisation. It will help the student understand the legislation governing information which goes in and out of an organisation and the constraints and limitations that apply to it. Students will discover that if systems are in place, and information held is correct, then the communication within the organisation is a powerful tool and can give any organisation a competitive edge with the use of management information systems.

##### Unit 27 – Digital Graphics

This unit helps students learn advanced skills in Photoshop, skills that are used in the graphic design industry. Students will complete 4 mini Photoshop tasks demonstrating a range of skills, and then complete a major task—planning, designing and evaluating a variety of graphic design products for a given scenario. In addition, students will learn the theory behind this area of ICT, including the hardware and software used in graphic design and the properties of various file formats and print mediums.

#### Year 14

##### Unit 12 – Website Production

This unit will prepare students to design, create and test a fully functioning professional website, that uses a range of advanced and dynamic features. It also provides essential knowledge on the architecture, design and security issues that need to be considered when creating websites. Pupils use WordPress to create their websites, equipping them with skills that can be used in industry.

##### Unit 19 – Spreadsheet Modelling

The aim of this unit is to help students understand how spreadsheets can be used to solve complex problems. Students will learn how to create a complex spreadsheet model and to use a range of formulae and functions. They will also learn how to automate and customise their spreadsheet models, the importance of testing spreadsheets for functionality and produce relevant documentation to support the spreadsheet.

##### Unit 43 – Understanding Social Media for Business

This unit gives students the understanding of what social media is, the scope and impact it has, how it is evolving and the opportunities these platforms provide to businesses when promoting themselves or utilising consumer information. By reviewing business practice, students will be able to identify how to improve service and customer delivery, raise awareness of business and products/services and improve market intelligence to develop a competitive advantage.

**Careers:** Today nearly every job requires ICT skills. People without ICT skills may find getting employed more difficult. The following are a small selection of careers that are possible by studying this specification: Web Developer, Computer Animator, Graphic Designer, UI Designer, ICT Technician, Product Designer, ICT Support, Illustrator, Data Analyst, Accountancy, Financial Analyst, Digital Marketing Executive, Social Media and Digital Content Officer, Social Media Manager, Digital Media Assistant etc..

Available to study at Carrickfergus Academy—Senior Site

## MEDIA STUDIES

AS/A2

Examining Board: WJEC

Length of Course: 1/2 years

This specification is divided into a total of 6 components, 3 AS and 3 A2. Weightings noted are expressed in terms of the full A level qualification (AS is in brackets).

### About the course:

This course offers candidates a framework through which they can study the distinctive contributions which the mass media make to their understanding and enjoyment of the world in which they live. Through a variety of approaches to the changing media environment students will develop a critical and analytical approach to the range of media texts as well as the media institutions which create and circulate them. Candidates will further explore the kinds of relationships the texts propose with audiences through a range of research, pre-production and production activities.

#### Components studied in Year 1 – AS Level

1. Investigating the Media - 35% External Exam
2. Investigating Media Forms and Products - 35% External Exam
3. Media Production—30% Coursework

#### Components studied in Year 2 – A2 Level

1. Media Products, Industries and Audiences—35% External Exam
2. Media Forms and Products in Depth—35% External Exam
3. Cross-Media Production—30% Coursework

### Entry requirements:

At least 5 GCSEs grade C or above (one of which must be English). GCSE Media Studies is desirable but **NOT** compulsory. Students will also be expected to have competent ICT skills, particularly in Photoshop, and a keen interest in film, television, radio, print-based media and digital technology.

**Future career opportunities** can lie in advertising, marketing, journalism, media consultancy, research, sound recording, video/film editing, TV presenting and photo journalism amongst many others.

Available to study at Carrickfergus Academy—Senior Site

## HEALTH & SOCIAL CARE

AS/A2

Examining Board: CCEA

Length of Course: 2 years

A Level Health and Social Care is an ideal qualification for those wishing to attend university or begin a career in Health and Social Care or Teaching.

This course aims to:

This course aims to:

- Develop interests in health, social care and early years;
- Draw together different areas of knowledge, skills and understanding;
- Develop higher order thinking skills, creative thinking and problem-solving, where appropriate;
- Develop knowledge and understanding relevant to degrees in nursing, allied health professions, social sciences, social policy, social work and early years;
- Develop skills, aptitudes and values for employment in the health, social care and early years sectors;
- Have the opportunity for work experience in the Health and Social Care or Education sector (a work placement will be a compulsory element of this course)

### AS UNITS

TITLE OF UNIT	ASSESSMENT METHOD	AWARD WEIGHTING
AS Unit 1: Promoting Quality Care	Internally assessed	25% of AS, 10% of A2
AS Unit 2: Communication in Health, Social Care and Early Years Settings	Internally assessed	25% of AS, 10% of A2
AS Unit 3: Health and Well-Being	Externally assessed (2 hour examination)	50% of AS, 20% of A2

### A2 UNITS

TITLE OF UNIT	ASSESSMENT METHOD	AWARD WEIGHTING
A2 Unit 3: Providing Services	Externally assessed (2 hour examination)	30% of A2
A2 Unit 4: Health Promotion	Internally assessed	15% of A2
A2 Unit 5: Supporting the Family	Internally assessed	15% of A2

**Entry requirements:** Students wishing to enrol on the A level in Health and Social Care course will need at least a C grade in GCSE English. Having a GCSE C grade or above in Child Development, Home Economics or C grade in GCSE Health & Social Care is desirable.

**Career Pathways:** Health & Social Care Policy, Health Service Management and Administration, Health Education and Health Promotion, Teaching, Community Development, Health Research, Nursing, Social Work, Health Physiology, Occupational Therapy, Psychology, Public Relations and Sociology.

Available to study at Ulidia Integrated College

## BUSINESS STUDIES

## CTEC LEVEL 3 (SINGLE AWARD)

Examining Board: **OCR**

Length of Course: **2 years**

### Cambridge Technical Extended Certification Level 3

The Cambridge Technical in Business has been developed to meet the changing needs of the sector and prepare pupils for the challenges they'll face in Higher Education or employment.

The course focuses on the skills, knowledge and understanding that today's universities and employers demand.

Pupils will learn how a business might evolve. From a small start-up business to a large multinational organisation, they will consider a range of different business types and gain an understanding of how the choice of business type might affect the objectives that are set. They will look at the internal workings of businesses, including their internal structure and how different functional areas work together as well as the external constraints under which a business must operate. Pupils will gain an understanding of the legal, financial and ethical factors that have an impact and explore ways businesses respond to changes in their economic, social and technological environment. The business world places a high value on the ability to research, analyse and evaluate information in order to make considered decisions and pupils will have the opportunity to gain these vital skills. Alongside this, they will develop practical employability skills, including the ability to communicate effectively with both internal and external stakeholders, and to manage time effectively.

### Course Structure

	Unit No.	Unit Title	Unit Ref no. (UNR)	Type of Assessment	Percentage Weighting
<b>Year 13</b>	1	The Business Environment	A/507/8148	External (Exam)	33% of overall A Level
	4	Customers and Communication	A/507/8151	Internal (Portfolio)	16.6% of overall A Level
<b>Year 14</b>	2	Working in Business	F/507/8149	External (Exam)	16.6% of overall A Level
	5	Marketing and Market Research	F/507/8152	Internal (Portfolio)	16.6% of overall A Level
	17	Responsible Business Practices	F/507/8164	Internal (Portfolio)	16.6% of overall A Level

### Entry requirements:

A minimum of a Grade B in GCSE English and a Grade C in Maths and preferably have studied ICT if no Business Studies at GCSE level.

### Career Pathways:

If you imagine your future as self-employed or in a managerial position, Cambridge Technical Business can give you the tools and information required to understand how businesses are created, managed and become successful. Possible career choices within the area of business include management, marketing, finance, accounting, banking, retailing, manufacturing and local government.

Available to study at **Ulidia Integrated College**

## RELIGIOUS STUDIES

## AS / A2

Examining Board: **CCEA**

Length of Course: **1/2 years**

### Exam Structure

YEAR	MODULE	FOCUS	NATURE OF ASSESSMENT	ASSESSMENT WEIGHTING
<b>Year 13 AS</b>	AS 2	<b>An Introduction to the Acts of the Apostles</b> This module includes a study of the background to Acts, the beginnings of the Christian Church, Growth and expansion of early Christianity as well as a study of Paul the apostle and the broader themes of faith and witness in Acts	1hr 20 min External Exam	20% of A Level
	AS 4	<b>The Christian Church in the Roman Empire: Beginnings, Expansion and External Pressure</b> A study of the expansion of Christianity, Church organisation and Government, Persecution of the early believers, Emperor Constantine (The first Christian Emperor) and some early Christian thought (including Clement, Ignatius and Justin Martyr).	1hr 20 min External Exam	20% of A Level
<b>Year 14 A2</b>	A2 2	<b>A Study of Acts, Galatians and 1 Corinthians and Ephesians</b> Paul's letter to the Galatians, 1 Corinthians and Ephesians There will also be a section of Paul's understanding of the Resurrection.	2 hour External Exam	30% of A Level
	A2 4	<b>The Continued Development of the Christian Church in The Roman Empire to 325AD</b> A study of Church life and worship (i.e. Baptism and the Eucharist), heresy and schism, definition of the Christian faith, key Christian writers and the meeting of the Council of Nicaea.  There will be a synoptic element as part of both A2 modules	2 hour External Exam	30% of A Level

It is advisable that students have achieved a grade 'B' in English, and a related subject such as GCSE History, English Literature or R.E.

Available to study at **Carrickfergus Academy—Senior Site**

## TECHNOLOGY & DESIGN - 'PRODUCT DESIGN' AS/A2

Examining board: **EDUQAS**

Length of course: **1/2 years**

A course in Design and Technology offers an unique opportunity in the Curriculum for Candidates to identify and solve real problems by designing and making products in a wide range of contexts relating to their personal interests. Design and Technology develops candidates interdisciplinary skills and their capacity for imaginative, innovative thinking, creativity and independence.

### **Course Content Year 13 AS**

#### **DT1 Examination Paper 50% of AS Level / 25% of A level marks**

The examination paper DT1 will examine candidates on the following four blocks of specification content:

- Designing and Innovation
- Product Analysis
- Materials and Components
- Industrial and Commercial Practice

#### **DT2 Design and Make Project 50% of AS Level / 25% of A level marks**

This part of the DT2 unit should give candidates an opportunity to apply knowledge and skills to solve a real problem at AS level and also to prepare candidates for the AL design project (DT4)

### **Course Content Year 14 A2**

#### **DT3 –Examination Paper 50% of A2 Level / 25% of A Level marks**

- Human Responsibility
- Public Interaction
- Processes
- Production Systems and Control

#### **DT4 - Major Project 50% of A2 Level / 25% of A level marks**

This project should represent about 60hrs of supervised time, however, as with all other Advanced Level subjects, candidates are required to work independently and outside of supervised time to complete the work to an appropriately high standard.

#### **Grade B gained in Product Design GCSE is a basic subject requirement.**

Attendance after school and non-contact time will be a pupil obligation due to the coursework aspects of this subject. *If the course is oversubscribed, we will look at the highest graded candidates applying and consult with the Head of Technology.*

**Careers** – being a STEM subject Product Design will provide limitless opportunities for you in today's innovative world, the areas of Design and CAD/CAM are used throughout all industries and the business world.

Available to study at Carrickfergus Academy—Senior Site

## PERFORMING ARTS

BTEC LEVEL 3

Examining Board: **Pearson**

Length of Course: **2 years**

### **BTEC Level 3 National Extended Certificate in Performance (Acting)**

#### **About the Course:**

This course is designed to provide a specialist work related qualification.

Students studying Performing Arts (acting), will organise projects/events that will provide them with practical understanding of the skills required to develop careers within the performing arts and related industries.

It provides a pathway into Higher Education, principally BTEC Higher Nationals and Degree courses in Performing Arts.

#### **You will study the following units:**

UNIT 3	Group Performance Workshop (External Assessment)
UNIT 34	Developing Skills and Techniques for Performance

Students will then study **3 additional units** chosen from an interesting list which includes:

Theatre Directing	Screen Acting	Interpreting Classical Text for Performance
Movement in Performance	Physical Theatre Skills	Developing Voice for Performance
Improvisation	Story Telling	

#### **Entry requirements:**

Due to the written portfolio nature of this course, Performing Arts students should have a grade C or above in GCSE English or equivalent.

Students should also either have a grade C or above in GCSE Drama or an M+ in BTEC Performing Arts. In the absence of having studied either of these subjects, the student must have a keen interest in performing to an audience, and, in the event of the course being oversubscribed; preference will be given to those who have experience either in school productions or through membership of a local theatre group.

Students studying Performing Arts are expected to become actively involved in extra-curricular performances and will be required to attend rehearsals out of class time. This will include students being available for occasional Saturday morning and evening rehearsals.

**Career Pathways**—Studying Performing Arts can lead to a career on stage, television or film. Other career opportunities are available in make-up, set and costume design and theatre production. It can also lead to careers in teaching and working with children. In addition, there is evidence to suggest that involvement in music, dance and drama can improve concentration, develop self-discipline, self expression and confidence and enhance communication skills.

Available to study at Ulidia Integrated College

## MOVING IMAGE ARTS

AS/A2

Examining Board: **CCEA**

Length of Course: **2 years**

GCE Moving Image Arts is the study of films and film-making through the processes of making short films. Through hands-on experience, students develop the creative and practical skills needed to make moving image products. Students gain an understanding of the separate art forms that combine to create the cinematic experience:

**Cinematography   Sound Design   Editing   Art Direction   Animation**

Students also study the language and history of film and animation, through the work of a range of directors and movements.

In the AS units, students create a short narrative film or animated sequence and a portfolio that documents techniques they have studied. Students who continue to A2 produce a complete narrative film or animation and an advanced research portfolio.

### AS Course Structure

**Unit AS 1:** Realist and Formalist Techniques and the Classical Hollywood Style:

**Assessment:** Foundation Portfolio to include a short narrative film or animation 60% AS (24% A2)

**Unit AS 2:** Critical Response

**Assessment:** Online Exam 1hr 30mins 40%AS (16% A2)

### A2 Course Structure

**Unit A2 1:** Creative Production and Research

**Assessment:** Advance portfolio to include complete narrative film or animation 36% A2

**Unit A2 2:** Advance Critical Response

**Assessment:** Online Exam 2hrs 15mins 24% A2

### Career Opportunities

The moving image is a key driver of the creative industries. Moving Image Arts is an ideal course for any student wanting to pursue a career in film, TV, games development or internet content provision. It helps students develop their creative and critical abilities in writing, directing, editing, producing and analysing film works. Moving Image Arts offers a challenging and rewarding course for students intent on any career path and includes many transferable skills such as independent thinking, creative thinking, decision making and teamwork.

### Entry Requirements

Students should have grade C or above in GCSE English Language and competent ICT skills.

Available to study at **Ulidia Integrated College**

## TOURISM

LEVEL 3 APPLIED DIPLOMA

Examining Board: **WJEC**

Length of Course: **2 years**

No prior study of Travel and Tourism is required for this qualification, although a minimum of a grade C in GCSE English would be beneficial in coping with the demands of the specification.

### Course Content Year 1

#### **Unit 1—The United Kingdom Tourism Product**

The aim of this unit is for learners to:

- Understand what the UK offers to inbound and domestic tourists
- Appreciate the range of employment opportunities available in the tourism industry.

**Assessment** — External Assessment 1 hour 30 mins

#### **Unit 2—Worldwide Tourism Destinations**

The aim of this unit is for learners to understand that:

- All destinations have a range of attractions and facilities
- Destinations acquire an image and reputation that affects the types of tourists to whom they appeal.

**Assessment** — Internal Assessment and External Moderation.

All assessments must be conducted under controlled assessment conditions.

### Course Content Year 2

#### **Unit 3—The Dynamic Tourism Industry**

The aim of this unit is for learners to understand that:

- Tourism is an ever-changing industry which has to adapt quickly to external pressures and changes in society at the national and global scale.

**Assessment** — External Assessment 1hr 30 mins

#### **Unit 4—Event and Itinerary Planning**

The aim of this unit is for learners to:

- Understand the process of event management and the nature of tour itineraries within the UK.

**Assessment** — Internal Assessment and External Moderation.

All assessments must be conducted under controlled assessment conditions.

### **Future Careers**

Here are just some future careers using Travel and Tourism: Air Cabin Crew, Cruise Ship Rep, Holiday Rep, Tour Guide, Travel Agent, Tourism Officer/Manager, Careers in Museums/Art Galleries, Careers in Historical Buildings/Monuments, Theatre/Cinema Administration/Management, Outdoor Pursuits Manager, Leisure Club Manager, Tour Operator, Theme Park Manager, Entertainment Manager, Club Manager, Youth and Community Worker.

Available to study at **Carrickfergus Academy—Senior Site**

## Studying AS Courses in Carrickfergus Grammar School OVERVIEW

The A Level course consists of two externally examined sections: AS in Year 13 and A2 in Year 14. Other than those who take a Mathematics and Further Mathematics combination it is only in rare cases that we would encourage or permit pupils to take on four subjects at AS level. Almost all Year 13 students study three subjects at AS. When choosing courses students should bear in mind the subjects that they enjoy, the subjects in which they attain the strongest grades, and, where known, their choice of career.

### Academic requirements for AS study at Carrickfergus Grammar School

Our overriding concern is that students, staff and parents have clear evidence that the pupil is academically capable of benefitting from the courses of study that we offer. Appropriate evidence will be the results of the GCSE examinations.

#### (1) All students must achieve:

- a) Minimum of six GCSEs at Grade C or above **(to include Mathematics and English Language)**
- b) Using the figures in the table below, a **total score of 30 points**

GCSE Grade (CCEA qualifications)	GCSE Grade (Non-CCEA qualifications)	Return Points
A*	9	9
A	7	7
B	6	6
C*	5	5
C	4	4

**In their own best interests, students should have obtained a 'B' at GCSE in any subject they wish to study at AS/A2.** Pupils who have achieved the upper UMS marks in the C\* grade boundary may be considered for entry into individual subjects with the recommendation of the relevant Head of Department. However, **In Chemistry, Mathematics and Physics the minimum entry requirement is an A grade at GCSE.**

**(2) Some subjects may be taken at AS level without having first studied them at GCSE. In these cases in their own best interests, students should have obtained a 'B' at GCSE in an allied subject as listed below.** (Pupils who have achieved the upper UMS marks in the C\* grade boundary may be considered for entry into individual subjects with the recommendation of the relevant Heads of Department.)

#### SUBJECT

Accounting  
Business Studies  
Environmental Technology

Government and Politics  
Geography

Health and Social Care  
Life and Health Sciences  
Music  
Nutrition and Food Science  
Photography  
Physical Education  
Religious Studies

#### ALLIED SUBJECT

Mathematics (B in M3+M7 or equivalent)  
English Language  
Physics (English Language or Geography is also desirable)  
History or English Literature  
Biology or Chemistry or Physics or Double Award  
Science **and** English Language  
English Language  
Chemistry and Biology  
Musicianship of Grade 5 standard  
Biology  
Art  
Biology  
History or English Literature

## GEOGRAPHY

AS/A2

Examining Board: **CCEA**

Length of Course: **1/2 years**

### **Overview**

By studying GCE Geography you will learn about geographical concepts and processes, interactions between people and their environment, the challenges of sustainability and the importance of attitudes and values. You will then be able to relate what you have studied to the world around you.

The AS course can be taken as a final qualification or as the first half of the A Level qualification. If you wish to obtain a full A Level qualification, you must complete the second half of the course referred to as A2.

### **What do I need to be able to take this course?**

You should have successfully completed GCSE Geography at Higher Tier before enrolling for this course.

#### AS LEVEL

**AS 1: Physical Geography**  
1 h 15 m exam

**AS 2: Human Geography**  
1 h 15 m exam

**AS 3: Fieldwork Skills and Techniques in Geography**  
1 hour exam

#### A2 LEVEL

**A2 1: Physical Processes, Landforms and Management**  
1h 30m exam

**A2 2: Processes and Issues in Human Geography**  
1h 30m exam

**A2 3: Decision Making in Geography**  
1h 30m exam

### **How can this course help me?**

This course can help you to develop a wide range of skills that are attractive to employers. For example, it can help to develop your skills in investigating, collating and evaluating information and being able to contribute to important debates on the current issues facing our world today. You may just wish to study Geography for your own personal interest, but if you wish to continue the study of Geography at degree level, you will need to complete the full A Level course.

### **Careers**

Many Geography students go on to have successful and interesting careers such as Civil Engineering, Urban Planners, cartographers, GIS specialists, Climatologists, Weather Forecasters, Researchers, Teachers etc.

**Students will attend classes in both Grammar and Academy**

# PHYSICS

Examining Board: CCEA

## Exam Structure

AS

A2

# AS/A2

Length of Course: 1/2 years

### Unit AS1 - Forces, Energy and Electricity

**Assessment:**  
Written Exam 1hr 45mins  
40% AS (16% A Level)

### Unit AS2 — Waves, Photons & Astronomy

**Assessment:**  
Written Exam 1hr 45 mins  
40% AS (16% A Level)

### Unit 3 - Practical Techniques & Data Analysis

**Assessment:**  
A test of practical skills comprising of short tasks, and a separate paper requiring the analysis of experimental results.

2 (1 hour) components

20% AS (8% A Level)

### Unit A2.1 - Deformation of Solids, Thermal Physics, Circular Motion, Oscillations and Atomic & Nuclear Physics

**Assessment:**  
Written Exam 2hrs  
24% A Level

### Unit A2.2 - Fields, Capacitors and Particle Physics

**Assessment:**  
Written Exam 2hrs  
24% A Level

### Unit A2.3 - Practical Techniques & Data Analysis

**Assessment:**  
A test of practical skills comprising of 2 experimental tests and a separate paper requiring the analysis of experimental results.

2 (1 hour) components  
12% A Level

All units are externally assessed.

## Additional Information

Physics is necessary or helpful for many careers, including Engineering, Architecture, Forensics, Radiography, Medicine and Optometry. Physicists find employment in many other fields to include Education, Business, Computing and Accounting to name but a few. This course provides a knowledge and understanding of the principles and applications of Physics, which contribute to our technologically based society and our understanding of nature.

Candidates will be required to have a high standard of Mathematical Skill.

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## (3) Studying Nutrition and Food Science at AS Level

Will be limited to those pupils who have achieved an upper C\* at GCSE in the theory (i.e. examined papers rather than controlled assessment/coursework) components of Nutrition and Food Science or Child Development.

## (4) Studying Science subjects at AS Level

*For those who have studied Double Award—* At AS Level, Science is studied as 3 separate subjects: Biology, Chemistry and Physics. Choosing and being accepted for an AS Chemistry or Physics class will be limited to those pupils who achieved **80%** (70% for Biology) **in the GCSE theory paper of the Science** they wish to study.

*For those who have studied Core Science A and Additional Science—* Given the variance in content of examination board GCSE specifications, choosing and being accepted for an AS Science class will be limited to those who have obtained grades AA.

*Single Award Science is not a sufficient basis for study of an individual Science at AS/A level.*

## The following additional details apply to entry to AS Classes in September 2019: -

### CLASS SIZE

- AS/A Level classes will usually be no larger than 22 pupils. If a class is oversubscribed, students will be chosen on the basis of their GCSE performance in that subject or, if not studied at GCSE, performance in allied subject (s) as listed overleaf and in appendix 1 at the back of this booklet.
- In each subject, if a tie exists after relevant criteria are employed, pupils with the highest % attendance in Year 12 will be admitted before those with lower and in the **exceptionally unlikely** event that a tie still exists, random selection will be employed.
- If a class is undersubscribed it may not be offered.

### Please Note

In addition to the academic criteria above we reserve the right to refuse admission to post GCSE study to any pupil whose past behaviour has been unacceptable. Furthermore we assume that those pupils choosing to return to school after GCSE are indicating their willingness to accept and follow the rules and routines of the School.

Those applicants to Year 13 who have followed alternative qualifications shall be considered on the merits of those courses and their results profile.

### SPECIAL CASES

With the support of medical evidence and/or a special recommendation by the appropriate teacher(s), careful consideration will be given to pupils who in the opinion of the school under-achieved in GCSE.

## Moving on to A2 Courses for Year 14

**AS results mark the end of Year 13 studies after which most students will have two options: -**

- 1. Leave school with their AS grades**
- 2. Continue to A2 if the AS grades are appropriate**

Any pupil with **less than the equivalent of 3 'D' grades** will not be permitted to continue without being interviewed. The purpose of such interviews will be to ascertain the appropriate next steps. Continuing to study a subject in which an 'E' grade (or below) has been achieved may not be permitted. Relevant decisions will be confirmed during interviews with staff in mid-August after the results are available.

## BIOLOGY

AS/A2

Examining Board: **CCEA**

Length of Course: **1/2 years**

### Overview

This Biology specification enables pupils to study living organisms, including their structure, functioning, origin, evolution, classification, interrelationships and distribution. Pupils will also address the spiritual, moral, ethical, environmental, social and cultural issues which arise from this study and which are met in certain parts of the specification.

Pupils will develop skills in investigational and practical problem solving, in application of number, in team work, in interpreting data, in using ICT and in communication

#### AS LEVEL

<b>AS Unit 1:</b> Molecules & Cells	40%	1hr 30 min examination
<b>AS Unit 2:</b> Organisms & Biodiversity	40%	1hr 30 min examination
<b>AS Unit 3:</b> Practical skills in AS Biology	20%	a) assessed tasks b) written examination

#### A2 LEVEL

<b>A2 Unit 1:</b> Physiology, Coordination & Control & Ecosystems	40%	2hr 15 min examination
<b>A2 Unit 2:</b> Biochemistry, Genetics, Evolution	40%	2hr 15 min examination
<b>A2 Unit 3:</b> Practical skills	20%	a) internally assessed tasks b) written examination (1hr 15mins)

**Careers:** This subject allows pupils to obtain a prerequisite qualification to gain entry to Higher Education in the field of Biology, or prepare for direct employment in the fields of science, engineering, medicine, communication, education etc.

Available to study at Carrickfergus Grammar School

## PHOTOGRAPHY

AS/A2

Examining Board: **EDEXCEL**

Length of Course: **1/2 years**

**The AS course** is one that will particularly suit those pupils who have completed a GCSE Art course.

Coursework	one project	60% of overall marks	assessed at final exhibition
Externally set Project	one project	40% of overall marks	assessed at final exhibition

### Coursework

a) **Coursework one** This area of study builds up the pupils technical awareness of the subject in a number of key areas, the use of the Digital Camera, lighting techniques and the use of computer software. Each unit will have a distinct goal, giving each pupil the opportunity to display their own creative response and understanding of the subject area, linked together within a core theme. Sept-Jan

### Externally Set Project

Interpretation of a theme or response to a problem set by the examination body.

Each pupil is given a six week period to prepare for the exam, researching, developing ideas and organising a final outcome to be completed within 8 hours. The research to be completed by mid March and the final outcome by the beginning of April.

**The Exhibition** - You will exhibit both projects from May onwards.

**A2 photography** - builds and develops the technical and visual skills from AS Level

Coursework	one project	60% of overall marks	assessed at final exhibition
Externally set Project	one project	40% of overall marks	assessed at final exhibition

### Coursework

b) **Coursework two.** The project is set to allow each pupil to develop their strengths and build on the technical expertise gained from their AS Year. All pupils will work to the same theme, 'Reviewing the old' which involves investigation of older 19<sup>th</sup> century photographic techniques and applying modern contexts and methods.

### Externally Set Project

(As for AS level except 12 hours to complete piece)

**The Exhibition** (as for AS)

**Careers:** Studying Photography at AS/A2 level can lead to a career in: Photo Journalism, Multi Media design, Graphic Design and Web Design

Available to study at Carrickfergus Grammar School

## MATHEMATICS

Examining Board: **CCEA**

**AS/A2**

Length of Course: **1/2 years**

Mathematics is all around us. It exists in the proportions of artistic works, in the scores of our favourite songs and in the physical structures we live and work in daily. It is also the bedrock of many other subjects including the Sciences, Economics and Engineering and is extremely relevant to subjects like Psychology and Design.

### Overview:

The content of AS & A2 Mathematics builds on the knowledge, skills and understanding established throughout GCSE. At AS Level pupils will study modules Pure Mathematics (60%) & Applied Mathematics (40%) of the AS award. At A2 level pupils will study modules Pure Mathematics & Applied Mathematics. The A2 Level award is based 40% on the AS Level modules and 60% on the A2 Level modules.

#### AS - Pure Mathematics (60% of AS or 24% of A2):

- Algebra
- Geometry
- Calculus

#### AS - Applied Mathematics (40% of AS or 16% of A2):

- Mechanics
- Statistics

#### ASSESSMENT:

Pure Mathematics examined by a 1hr 45mins written paper.  
Applied Mathematics examined by a 1hr 15mn written paper

#### A2 - Pure Mathematics (36% of A2):

- Algebra
- Geometry
- Calculus

#### A2 - Applied Mathematics (24% of A2):

- Mechanics
- Statistics

#### ASSESSMENT:

Pure Mathematics examined by a 2hr 30mins written paper.  
Applied Mathematics examined by a 1hr 30mn written paper

### Careers:

The study of mathematics can develop a host of skills that are essential to students continuing in their studies as well as those currently in or entering the workplace. These include problem-solving, logic and reasoning, and attention to detail. Mathematics can also lead to careers in engineering, finance, business, IT and teaching, among others.

Available to study at Carrickfergus Grammar School

## CHEMISTRY

Examining Board: **CCEA**

**AS/A2**

Length of Course: **1/2Years**

A GCE in Chemistry allows you to develop a range of generic skills requested by both employers and universities. It is a challenging subject because it involves a lot of abstract concepts. To solve many problems in Chemistry these concepts have to be understood and linked together in a particular order. This is a skill that you have to learn and develop and for this reason A/level Chemistry is quite different to GCSE Chemistry.

Chemistry is taught in a logical sequence of topics. The table below summaries the teaching units, assessment method and weighting.

Unit number	Description	Duration	AS	A2
<b>Unit AS 1</b> Basic Concepts in Physical and Inorganic Chemistry	Written paper	1 hour 30 min	40%	16%
<b>Unit AS 2</b> Further Physical and Inorganic Chemistry and Introduction to Organic Chemistry	Written paper	1 hour 30 min	40%	16%
<b>Unit AS 3</b> Practical Assessment	Practical booklet A Practical booklet B	1 hour 15 min 1 hour 15 min	20%	8%
<b>Unit A2 1</b> Periodic Trends and Further Organic, Physical and Inorganic Chemistry	Written paper	2 hour s	40%	24%
<b>Unit A2 2</b> Analytical, Transition Metals, Electrochemistry and Further Organic Chemistry	Written paper	2 hours	40%	24%
<b>Unit A2 3</b> Practical Assessment	Practical booklet A Practical booklet B	1 hour 15 min 1 hour 15 min	20%	12%

If you would like to study Chemistry you need to be willing to learn new skills and new ways of thinking. It is vital that you have the determination to succeed and have the desire for academic success.

**Careers:** Chemistry, Environmental Law, Patent Law, Pharmaceuticals, Software design, Space Exploration, Forensic Science, Military Systems, Dentistry, Engineering, Teaching, Research and Development, Biotechnology.

Available to study at Carrickfergus Grammar School

## GOVERNMENT AND POLITICS

AS/A2

Examining Board: **CCEA**

Length of Course: **1/2 years**

The study of Government and Politics provides pupils with relevant and stimulating material aimed at developing their skills and critical awareness of political ideas, institutions and processes, including a particular emphasis on Northern Irish politics. The course encourages students to explore and examine their own values, beliefs, attitudes and perceptions, making judgements and ultimately reaching decisions regarding the society in which they live.

### Course Structure:

All papers are a combination of short structured answers and more extended writing

AS MODULES	Length of Exam	Marks
1. The Government and Politics of Northern Ireland	1hr 15 mins	40% AS (16% A2)
2. The British Political Process	1hr 45 mins	60% AS (24% A2)

A2 MODULES	Length of Exam	Marks
1. Comparative Government UK/USA	2hr 15 mins	35% A2
2. Political Power	1hr 30 mins	25% A2

### What do I need to know before taking the courses?

You do not need to have studied politics for GCSE in order to take an AS or A2 level in the subject. It is more important to have an enquiring and lively mind, along with an interest in politics and current affairs, a desire to explore new ideas and an ability to communicate your ideas effectively.

### What kind of student is this course suitable for?

This course will appeal to those students who:

- Enjoy voicing their opinions, debating current affairs and political issues
- Like doing a subject that affects their everyday lives
- Have a keen appreciation of the need to participate in society
- Aren't afraid of dealing with controversial matters.

### What does the course lead to?

**Skills :** Aside from preparing students for specific fields of employment, Government and Politics teaches many vital transferable academic skills such as the ability to properly formulate and communicate effective argument, along with the capacity to solve problems, think analytically, critically and logically.

**Careers:** Obviously, anyone who would like to study politics further should be taking the subject for 'A' level. Anyone interested in careers such as Law, Journalism, the media, Social Work or any kind of public administration should consider studying politics.

Available to study at Carrickfergus Grammar School

## HISTORY

AS/A2

Examining Board: **CCEA**

Length of Course: **1/2 years**

The History AS/A2 Level consists of 4 Units all focused within the 20<sup>th</sup> century. The first 2 Units are studied in Year 13 and are each tested by examination at the end of that year. These include:

AS Structure:	
<b>1. The Nazis and Germany 1919 - 1945</b> <ul style="list-style-type: none"> <li>• The Weimar Republic 1919-1929</li> <li>• The Decline of the Weimar Republic and the Rise of the Nazis</li> <li>• Developments in Nazi Germany 1933-1945</li> </ul>	<b>1 hour 30 min exam</b> <b>Source paper</b> <b>50% AS</b> <b>(20% A Level)</b>
<b>2. Revolutionary change in Russia 1914 - 1941</b> <ul style="list-style-type: none"> <li>• The Revolutions of February and October 1917</li> <li>• Lenin's Russia 1917-1924</li> <li>• Stalin's Rise to Power and Dictatorship 1924-1941</li> <li>• The Economy 1924-1941</li> </ul>	

A2 Structure:	
<b>1. Clash of Ideologies in Europe 1900 - 2000</b> <ul style="list-style-type: none"> <li>• The foreign policy of Tsarist Russia</li> <li>• The Relationship between Soviet Union and Western governments from October Revolution 1917 to end of WWII</li> <li>• Soviet Foreign Policy during the Cold War and response of Western governments</li> </ul>	<b>1 hour exam</b> <b>Overview Essay</b> <b>(20% A Level)</b>
<b>2. Partition of Ireland 1900- 1925</b> <ul style="list-style-type: none"> <li>• The Crisis over the 3rd Home Rule Bill up to September 1914</li> <li>• Political Events 1914-1918</li> <li>• Developments 1919-1923</li> <li>• Events in Ireland 1921 - 1925</li> </ul>	

The study of History provides pupils with opportunities to develop skills of comprehension, translation, interpretation, analysis and evaluation. With the acquisition of these skills, students will engage in Historical enquiry by investigating questions or issues and using historical sources critically in their context.

### Career opportunities

Given the range of these skills, career pathways of all kinds are open to History A Level students. Law, journalism, publishing and broadcasting are commonly pursued as a result. However, many other job opportunities include education, archivists, management, consultancy, the arts and branches of public life such as the Civil Service.

Available to study at Carrickfergus Grammar School