

# CARRICKFERGUS LEARNING COMMUNITY



**CLC**

**Subject Choices Booklet  
2021— 2023**



# 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
- Sports Coaching & Development (BTEC Level 3) Page 8
- Technology & Design—Product Design (AS/A2) Page 9
- Tourism (Level 3 Applied Diploma) Page 10

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

- Accounting (AS/A2) Page 14
- Biology (AS/A2) Page 15
- Business Studies (AS/A2) Page 16
- Chemistry (AS/A2) Page 17
- French (AS/A2) Page 18
- Geography (AS/A2) *(Classes shared with Academy)* Page 19
- History (AS/A2) Page 20
- Life and Health Sciences (AS/A2) Page 21
- Mathematics (AS/A2) Page 22
- Physical Education (AS/A2) Page 23
- Physics (AS/A2) Page 24
- Spanish (AS/A2) Page 25

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

- Health & Social Care (AS/A2) Page 26
- Moving Image Arts (AS/A2) Page 27
- Performing Arts (BTEC Level 3) Page 28
- Sport (BTEC Level 3) Page 29

***NB*** All information about courses available in the Carrickfergus Learning Community is correct at the time of printing. Students should be aware that there may be unavoidable changes at a later date.

**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.

*Examining Board:* **OCR**

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

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

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**

*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**

YEAR	MODULE	FOCUS	NATURE OF ASSESSMENT	ASSESSMENT WEIGHTING
Year 13 AS	AS 2	<p><b>An Introduction to the Acts of the Apostles</b></p> <p>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</p>	1hr 20 min External Exam	20% of A Level
	AS 4	<p><b>The Christian Church in the Roman Empire: Beginnings, Expansion and External Pressure</b></p> <p>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).</p>	1hr 20 min External Exam	20% of A Level
Year 14 A2	A2 2	<p><b>A Study of Acts, Galatians and 1 Corinthians and Ephesians</b></p> <p>Paul's letter to the Galatians, 1 Corinthians and Ephesians There will also be a section of Paul's understanding of the Resurrection.</p>	2 hour External Exam	30% of A Level
	A2 4	<p><b>The Continued Development of the Christian Church in The Roman Empire to 325AD</b></p> <p>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.</p> <p>There will be a synoptic element as part of both A2 modules</p>	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.

Examining Board : PEARSON

Length of Course: 2 years

### Level 3 Extended Certificate in Sports Coaching & Development = 1 A Level

#### About the course:

Sports Coaching & Development is a vocational qualification which aims to provide students with the opportunity to access a career in the sport, health or leisure industries. Assessments are 100% coursework based and require learners to engage in regular practicals involving coaching and participation. Assessments will be on a continual basis throughout both years of study. The course builds on topics studied at GCSE level and it will be of advantage to students to have this knowledge and background. It is not, however, a condition that students should have followed a course in GCSE PE/BTEC Sport as this course is designed to attract people who generally have a keen interest in physical activity and sport. Students will :

- Be expected to become actively involved in sports coaching, assisting with sports activities within the Carrickfergus community
- Have the opportunity to work alongside PE teachers, gaining experience in the care of children and young people
- Gain an extensive knowledge in the area of careers in sport
- Become actively involved in producing healthy lifestyle plans including exercise and nutrition programmes
- Become involved in the preparation of sports teams, understanding the importance of both physical and mental aspects of their performance.

The BTEC Extended Certificate in Sport consists of 3 units taught over 2 years

Unit	Weighting
Unit A: Careers in Sport & active leisure industry	25%
Unit B: Health, Well-being & Sport	25%
Unit C1: Developing Coaching Skills	50%
*PE Primary Programme where they will design and teach PE lessons to P7 pupils from feeder primary schools.	Optional

\* An optional unit which while not contributing to the overall course grade, does provide valuable work experience and teaching/coaching experience for those intending to go into this field of work.

**Entry Requirements:** Due to the written portfolio nature of this course, 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 PE or a merit in BTEC Sports Studies. In the absence of studying either, students should have achieved a GCSE Science qualification at grade C or above and be a participating member of sports club. Enhanced criteria may be applied in the event of this course being oversubscribed.

**Careers Pathways:** PE Teacher/Primary teacher, Coaching, Fitness Instructor, Sports Development Officer, Outdoor Adventure leader, PT in the Armed Forces, Sports Coach, Physical Activity Instructor and Health Promotion Specialist.

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

Examining board: **EDUQAS**

Length of course: **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.

## **Component 1: Design and Technology in the 21st Century**

### **Written examination: 3 hours = 50% of qualification**

Learners take a single examination in the following endorsed areas: Product Design  
The examination includes a mix of structured and extended writing questions assessing learners' knowledge and understanding of:

- Technical principles
- Designing and making principles

along with their ability to:

- analyse and evaluate wider issues in design and technology.

## **Component 2: Design and Make Project**

### **Non-exam assessment: approx. 80 hours = 50% of qualification**

A sustained design and make project, based on a brief developed by the candidate, assessing the candidate's ability to:

- Identify, investigate and outline design possibilities
- Design and make prototypes
- Analyse and evaluate design decisions and outcomes, including for prototypes made by themselves and others.

The design and make project will be based within the same endorsed area as the written examination.

### **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**

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.



# 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	<b>9</b>
A	7	<b>7</b>
B	6	<b>6</b>
C*	5	<b>5</b>
C	4	<b>4</b>

**c) In their own best interests, students should have obtained a 'B' at GCSE in any subject they wish to study at AS/A2.**

D) 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.

**SUBJECT**

Accounting  
Business Studies  
Geography

Life and Health Sciences  
Physical Education

**ALLIED SUBJECT**

Mathematics (in M3+M7 or equivalent)  
English Language  
Biology or Chemistry or Physics or Double Award Science **and** English Language  
Chemistry and Biology  
Biology

**(3) 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 an A (B for Biology) in the GCSE 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 2021: -**

### **CLASS SIZE**

1. 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.  
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.
2. If a class is undersubscribed it may not be offered.

### **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.

### **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.

## **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.

# ACCOUNTING

# AS/A2

Examining Board: **AQA**

Length of Course: **2 Years**

## Overview

"Money makes the world go round"... Even the best business ideas get nowhere without sound financial management. So whether you want to work for big business, be the next Richard Branson or have your own small business, a knowledge of financial management is vital.

This Accounting course equips you with the necessary knowledge and skills to be able to assess the performance of all types of business organisations. It will enable you to effectively analyse and evaluate financial data so that you can make judgements, decisions and recommendations about how businesses can manage their financial affairs.

NOTE... the Accounting course is LINEAR – this means it is a 2 year course with no externally assessed AS exam. Only the 2 exams at the end of Year 14 contribute towards the A-level result. However, a school produced grade will still be awarded solely to determine the suitability of continuing to A2 study in Accounting. This grade will be based on performance in the mock examination as well as tracking tests and formal homeworks.

### Year 13

- |  |   |
|--|---|
| 1. An introduction to the role of the accountant | 6. Financial statements of sole traders |
| 2. Types of business organisation                | 7. Limited company accounts             |
| 3. Double entry bookkeeping                      | 8. Ratio analysis                       |
| 4. Verification of accounting records            | 9. Budgeting                            |
| 5. Accounting concepts                           | 10. Marginal costing                    |

Whilst the accounting course is now LINEAR you will sit the AS exam at the end of Year 13. This will enable some pupils to study Accounting as an extra AS and will also ensure that those progressing to A2 study are capable of doing so.

1 Written paper: 3 hours/100% of AS level/0% of A level.

### Year 14

- |  |  |
|--|--|
| 11. Standard costing and variance analysis | 15. Partnership accounts   |
| 12. Absorption and activity based costing  | 16. Accounting for limited companies                                     |
| 13. Capital investment appraisal           | 17. Interpretation, analysis and communication of accounting information |
| 14. Incomplete records                     | 18. The impact of ethical considerations                                 |

2 written examinations—each paper is 3 hours and worth 50% of the A level. There is no coursework in this subject.

**Careers:** If you are focused on further study or a career in accounting, finance, business or banking this course is a great choice. But even if you plan on becoming a professional musician or technical wizard, it's good to know about accounting. That way you'll be able to control your own finances and understand the implications of business propositions.

**Available to study at Carrickfergus Grammar School**

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.

**Overview**

A Level Business Studies students gain a holistic understanding of business and the international marketplace; generate enterprising and creative solutions to business problems; understand the ethical dilemmas faced by business decision makers, and; develop advanced study skills that help them prepare for third level education.

**YEAR 13****AS 1: Introduction to Business (20% of A-Level)**

Students are introduced to entrepreneurs. They will become familiar with ownership structures and understand the importance of quality in the competitive marketplace, including recruiting, training, motivating and leading a quality labour force.

**Two compulsory structured questions - 80 marks, 90 min exam**

**AS 2: Growing the Business (20% of A-Level)**

Students explore the role of technology in decision making in a growing business. They develop their understanding of marketing strategy and accounting and financial control.

**Two compulsory structured questions - 80 marks, 90 min exam**

**YEAR 14****A2 1: Strategic Decision Making (30% of A-Level)**

Candidates will be expected to recognise potential conflict between the objectives of different stakeholder groups and analyse the importance of accounting information in making strategic business decisions.

**5 compulsory structured data response questions - 90 marks, 2hr exam**

**A2 2: The Competitive Business Environment (30% of A-Level)**

This unit examines the macroeconomic and international framework within which businesses operate and the unique culture and ethics of each organisation.

**6 compulsory structured data response questions - 90 marks, 2 hr exam**

**Additional Information**

Students do not have to have studied GCSE Business Studies. Performance in GCSE English is considered to give some indication of the potential to perform at a good level in this subject. The Business Studies department has helped many students achieve excellent results and has seen a high proportion of its students go on to take business-related degree courses at university. This in itself gives an indication of how useful and enjoyable past pupils have found the subject.

A-Level Business Studies has also proven a useful preparation for pupils who have gone on to study courses as diverse as law, engineering and biomedical science at the country's top universities.

# CHEMISTRY

AS/A2

Examining Board: **CCEA**

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 summarises 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	35%	17.5%
<b>Unit AS 2</b> Further Physical and Inorganic Chemistry and Introduction to Organic Chemistry	Written paper	1 hour 30 min	35%	17.5%
<b>Unit AS 3</b> Practical Assessment	Practical booklet A Practical booklet B	1 hour 1 hour 30 min	30%	15%
<b>Unit A2 1</b> Periodic Trends and Further Organic, Physical and Inorganic Chemistry	Written paper	2 hour s	40%	20%
<b>Unit A2 2</b> Analytical, Transition Metals, Electrochemistry and Further Organic Chemistry	Written paper	2 hours	40%	20%
<b>Unit A2 3</b> Practical Assessment	Practical Exam 2 hours 30 min		20%	10%

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

# FRENCH

Examining Board: **CCEA**

**AS/A2**

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

The French course introduces a range of topics of interest to young people including Relationships, Culture and Lifestyle, as well as Young People and Society and Our Place in a Changing World. It aims to develop their confidence and competence in listening, speaking, reading and writing skills and seeks to promote a critical awareness and a positive attitude towards the society and culture of the target language country and French-speaking countries or communities.

This course provides students with a basis for further study at degree level by preparing them to use the language in both social and professional situations. UK Language graduates work in Business services, Health/Community/Social Services, Public Administration, International organisations, Manufacturing, Wholesale/Retail Sales, Banking/Finance, Education, Hotels and Restaurants.

## AS EXAM STRUCTURE

**Context 1** - Relationships - Family Life and Influences

**Context 2** - Culture and Lifestyle - Physical well-being, Mental well-being, Interests and Holidays.

**Culture** - Study of a novel or film chosen from prescribed lists.

## ASSESSMENT

**Paper 1** - Speaking Exam, 11min(Presentation & Conversation) - 30% of AS & 12% of A2

**Paper 2** - Listening, Reading & Use of Language Exam, 2hrs (listening, reading, grammar, translations into English and into French) - 40% of AS & 16% of A2

**Paper 3** - Extended writing Exam, 1hr (1 essay response on set film or novel) - 30% of AS & 12% of A2

## A2 EXAM STRUCTURE

**Context 1** - Young People in Society - Education and Career Planning, Citizenship and Globalisation.

**Context 2** - Our Place in a Changing World- Equality, Multi-cultural Society, Democracy and Conflict, Sustainable Living.

**Culture** - Study of a novel and a societal theme chosen from prescribed lists.

## ASSESSMENT

**Paper 1** - Speaking Exam, 15min(Discussion and Conversation) 18% of A2

**Paper 2** - Listening and reading Exam, 2h45min (Listening, reading, summary and translation into French) - 24% of A2

**Paper 3** - Extended writing Exam, 1hr (1 essay response on set novel) - 18% of A2

## Additional Information

The Modern Languages course introduces a range of topics of interest to young people, and it aims to develop their confidence and competence in spoken, written, reading and responding skills. It seeks to promote a critical awareness and a positive attitude towards the society and culture of the target language country. It provides students with the basis for further study at degree level by preparing them to use the language in both social and professional situations.

**Available to study at Carrickfergus Grammar School**

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**

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:

### 1. The Nazis and Germany 1919 - 1945

- The Weimar Republic 1919-1929
- The Decline of the Weimar Republic and the Rise of the Nazis
- Developments in Nazi Germany 1933-1945

**1 hour 30 min exam**

**Source paper**

**50% AS  
(20% A Level)**

### 2. Revolutionary change in Russia 1914 - 1941

- The Revolutions of February and October 1917
- Lenin's Russia 1917-1924
- Stalin's Rise to Power and Dictatorship 1924-1941
- The Economy 1924-1941

**1 hour 30 min exam**

**Structured essays**

**50% AS  
(25% A Level)**

## A2 Structure:

### 1. Clash of Ideologies in Europe 1900 - 2000

- The foreign policy of Tsarist Russia
- The Relationship between Soviet Union and Western governments from October Revolution 1917 to end of WWII
- Soviet Foreign Policy during the Cold War and response of Western governments

**1 hour exam**

**Overview Essay  
(20% A Level)**

### 2. Partition of Ireland 1900- 1925

- The Crisis over the 3rd Home Rule Bill up to September 1914
- Political Events 1914-1918
- Developments 1919-1923
- Events in Ireland 1921 - 1925

**2 hour 30 min exam**

**Sources and Essays  
(40% A Level)**

## Additional Information:

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.

Examining Board: **CCEA**Length of Course: **1/2 years**

This qualification was developed in partnership with the Life and Health Sciences industry and can be a pathway to many careers including pharmacy, biomedical science, nursing and radiography. The course will equip learners with the skills and knowledge required by the Life and Health Sciences sector, which generates £800m turnover per year in NI and is growing by 12% annually.

<b>Unit</b>	<b>Assessment</b>	<b>Weightings</b>
<b>Unit AS 1:</b> Experimental Techniques	Internal Assessment Core unit	33.34% of AS 13.34% of A level
<b>Unit AS 2:</b> Human Body Systems	External written exam Core unit 1hour 30mins	33.33% of AS 13.33% of A level
<b>Unit AS 3:</b> Aspects of Physical Chemistry in Industrial Processes	External written exam Core unit 1hour 30mins	33.33% of AS 13.33% of A level
<b>Unit A2 1:</b> Scientific Method, Investigation, Analysis and Evaluation	Internal Assessment Core unit	20% of A level
<b>Unit A2 2:</b> Organic Chemistry	External written exam Core unit 1hour 45mins	20% of A level
<b>Unit A2 3:</b> Genetics, Stem Cell Research and Cloning	External written exam 1hour 45mins	20% of A level

**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
- Trigonometry
- 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 15mins written paper.

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

- Algebra
- Geometry
- Trigonometry
- 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 30mins 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.

# PHYSICAL EDUCATION

AS/A2

Examining Board: **WJEC**

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

## Exam Structure—AS Level

### 3 compulsory components.

One written paper – 1 hour 45 mins

Performance and its Improvement through Critical Analysis

### AS Theory Content: 60% AS

1. Anatomy and Physiology
2. Skill Acquisition and Psychology
3. Sport and Society

### AS Practical (coursework) 40% AS

Candidates are assessed in one chosen activity-20%

Coaching or officiating in the same chosen practical activity - 10%

Personal Performance Portfolio –10%

## Exam Structure – A2 Level

### 3 compulsory components.

One written paper – 2 hours.

The improvements of effective performance and critical evaluation of practical activities with synoptic assessment.

### A2 Theory Content 36%

1. Exercise and Sport Physiology
2. Sport and Society
3. Psychology and Skill Acquisition

### A2 Practical (coursework) 24%

Candidates are assessed in one chosen activity, from the activity profile.

1. Practical performance as performer, coach or official
2. Investigative research

## Specialist Careers

Areas of specialisation for Physical Education specialists include:

Physical Education Teacher, Athlete, Fitness Instructor, Outdoor Adventure Leader, Teacher - Primary or Secondary, Physiotherapist, Recreation Officer, Sports Coach, Sports Scientist and Recreation Therapist.

# PHYSICS

AS/A2

Examining Board: CCEA

Length of Course: 1/2 years

## Exam Structure

AS

A2

### 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.

Available to study at Carrickfergus Grammar School

The Spanish course introduces a range of topics of interest to young people including Relationships. Culture and Lifestyle, as well as Young People and Society and Our Place in a Changing World. It aims to develop their confidence and competence in listening, speaking, reading and writing skills and seeks to promote a critical awareness and a positive attitude towards the society and culture of the target language country.

This course provides students with a basis for further study at degree level by preparing them to use the language in both social and professional situations.

### AS EXAM STRUCTURE

- Context 1** - Relationships - Family Life and influences
- Context 2** - Culture and Lifestyle - Physical well-being, Mental well-being and Interests and Holidays.
- Culture** - Study of a novel or a film

### A2 EXAM STRUCTURE

- Context 1** - Young People in Society - Education and Career Planning, Citizenship and Globalisation.
- Context 2** - Our Place in a Changing World- Equality, Multi-cultural Society, Democracy and Conflict, Sustainable Living.
- Culture** - Study of a novel and a societal theme chosen from prescribed lists.

### ASSESSMENT

- Paper 1**  
Speaking Exam, 11mins  
30% of AS and 12% of A2  
Presentation & Conversation
- Paper 2**  
Listening, Reading & Use of Language  
Exam 2hrs  
40% of AS and 16% of A2  
Listening, reading, grammar, translations into Spanish.
- Paper 3**  
Extended writing Exam, 1hr  
30% of AS & 12% of A2  
1 essay response on a set film

### ASSESSMENT

- Paper 1**  
Speaking Exam, 15min  
18% of A2  
Discussion & Conversation
- Paper 2**  
Listening and reading Exam 2h45mins  
24% of A2  
Listening, reading, summary and translation into Spanish
- Paper 3**  
Extended writing Exam, 1hr  
18% of A2  
1 essay response on set novel

**Careers:** UK Language graduates work in Business services, Health/Community/Social Services, Public Administration, International organisations, Manufacturing, Wholesale/Retail Sales, Banking/Finance, Education, Hotels and Restaurants.

**Available to study at Carrickfergus Grammar School**

# HEALTH & SOCIAL CARE

Examining Board: **CCEA**

**AS/A2**  
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**

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.

*Examining Board:* **EDEXCEL**

*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	Acting Styles	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. In the absence of having studied Drama, 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.

Examining Board: **EDEXCEL**

Length of Course: **2 years**

### **BTEC Level 3 National Extended Certificate in Sport**

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

This course is designed to provide a specialist work related qualification in a range of sectors. Students will gain the knowledge and skills required for different career pathways in the sports industry, and have the opportunity to work alongside PE teachers, gaining experience in the leading and coaching of children and young people. They will explore client screening and lifestyle assessment, fitness training methods and fitness programming to support improvements in a client's health and wellbeing. Students will also gain an extensive knowledge in the area of anatomy and physiology and how the body responds to sport and physical activity.

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

UNIT 1	Anatomy & Physiology (External - Exam)
UNIT 2	Fitness Training and Programming for Health, Sport and Well-being (External - Exam)
UNIT 3	Professional Development in the Sports Industry (Internal - Portfolio)
UNIT 4	Sports Leadership (Internal - Portfolio)

- Unit 4 - Students will complete sports leadership or an additional optional unit. This will depend on the Ulidia timetable on a year by year basis.

#### **Entry requirements:**

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

Students should also either have a grade C or above in GCSE Physical Education. In the absence of studying GCSE PE, students should have achieved a GCSE Science qualification grade C or above and be a participating member of a sports club.

**Career Pathways** - A qualification in sport opens up a variety of career opportunities and also for further study at college or university. Possible pathways within the area include careers such as a PE Teacher, a sports or strength and conditioning coach or personal trainer. Learners will develop transferable and higher order skills and behaviours such as teamwork, leadership, resilience and analysis. These skills are valued by higher education providers and employers.

**'A Quest for Excellence'**

# 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**

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Co-ordinator	Mr B Dunlop

# CLC students enjoying their studies



CLC students on field trip to Murlough Bay



Tourism students mixing work with play



It's pointing the wrong way for a selfie!

**'A Quest for Excellence'**



Media Studies students  
get down to business

Performing Arts  
students



Oscars of the  
future?  
Moving Image  
Arts



**'A Quest for Excellence'**