

COLOMA CONVENT GIRLS' SCHOOL

OPPORTUNITIES AND EXCELLENCE



SIXTH FORM PROSPECTUS

2018-2020

Contents

Welcome to Coloma Sixth Form.....	1
GENERAL INFORMATION.....	2
Age Range.....	2
Sixth Form.....	2
Public Transport.....	2
CURRICULUM ORGANISATION.....	3
PASTORAL, CAREERS AND ENRICHMENT PROGRAMME	4
Pastoral Organisation.....	4
Dress Code.....	4
Religious Education.....	5
Personal, Social, Health and Citizenship Education.....	5
Educational Visits and Field Studies.....	5
CAREERS EDUCATION INFORMATION, ADVICE AND GUIDANCE	6
The School Council.....	6
PE.....	6
Extra Curricular Activities	6
Private Study Arrangements.....	7
CURRICULUM PATHWAYS 2018-20	8
Subject Specific Requirements	9
ADMISSIONS POLICY 2018.....	10
General Information and Definition of Terms.....	10
Admission Number	10
Timetable.....	10
Application Forms.....	10
Late Applications.....	10
Oversubscription Criteria.....	10
Waiting Lists.....	10
Admission Appeals.....	10
ADMISSIONS PROCEDURE 2018	11
Course Suitability Discussion	11
Offer of a Place.....	11
LEVEL 3 COURSES (A level unless stated otherwise)	11
Art & Design	12
Biology.....	13
Business.....	14
BTEC Business.....	15
Chemistry	16
Computer Science	17

Design Technology - Product Design.....	18
Drama.....	19
Economics.....	20
English Literature	21
French.....	22
Geography	23
German	24
Government & Politics.....	25
BTEC LEVEL 3 (Double Award) National Diploma in Health and Social Care	26
BTEC LEVEL 3 National Extended Certificate in Health and Social Care	27
History.....	28
BTEC Level 3 National Extended Certificate In Information Technology	29
Law	30
Maths.....	31
Further Maths	32
Media Studies	33
Music.....	34
Music Technology	35
BTEC Performing Arts.....	36
Physical Education.....	37
Physics	38
Psychology	39
Religious Studies.....	40
Sociology	41
Spanish.....	42
UNIVERSITY COURSES 2017	43
UNIVERSITY DESTINATIONS 2017	44

Welcome to Coloma Sixth Form

Coloma welcomes into its Sixth Form students from Coloma, from other schools and from a variety of denominations and faiths. The School aims to foster a deepening awareness of the Christian faith, alongside an understanding of all other creeds and a desire for opportunity and justice for all. We strive to:

- inspire a genuine love of learning and scholarship through excellent teaching and supportive relationships between students, teachers, tutors and parents;
- provide and teach high-quality A level and BTEC courses in a wide range of academic and applied subjects;
- guide and support our students to progress to university and professional careers in keeping with the talents and aspirations of each individual and drawing on a very well-established network of contacts;
- offer opportunities for the personal and social development of our students including skills in leadership, management and enterprise by working with, and for, the wider school community;
- provide opportunity for the enjoyment of leisure including sport, music, and the creative and expressive arts.
- develop well-rounded, aspirational and compassionate human beings.

Mrs J Johnson

Headteacher

Coloma Sixth Form
Upper Shirley Road
Croydon
CR9 5AS

Tel 020 8654 6228

Fax 020 8656 6485

GENERAL INFORMATION

Age Range

We are an 11-18 school (Voluntary Aided Roman Catholic) founded in 1869 by the Daughters of Mary and Joseph.

Sixth Form

In the Sixth Form, we aim to provide a framework for the rounded development of the individual and we warmly welcome girls from Coloma's Year 11 as well as those who wish to join Coloma for this important stage in their preparation for adult life. In all cases girls will only be accepted if they meet our entry criteria.

Coloma is situated in extensive grounds, with tennis and netball courts and a lacrosse and athletics field. The school complex includes a purpose-built Sixth Form Centre, chapel, media suite, well-equipped science laboratories, a music studio, a drama studio, design and technology suite, a hall and stage, art and pottery rooms, two gymnasias and computer suites. There is also a new Performing Arts Centre and new Art facilities.

Supervised study facilities with access to computers or laptops are available for all Sixth Form students.

The official school day begins at 8.15am and finishes at 3.05pm and is divided into six 50-minute sessions. Each lesson includes a prayer or a reflection.

Coloma parents are consulted at all stages of their daughter's progress in the Sixth Form. During the two years of a Sixth Form course, parents are invited to meet the staff on two occasions and receive regular written reports on their daughter's progress.

Public Transport

Buses 130 and 466 pass the school. Buses 119, 194, 198 are within walking distance.

CURRICULUM ORGANISATION

Students in Year 11 may apply to follow one of the three pathways offered in Year 12. Staff will monitor progress carefully and interventions will be set up when necessary.

Decisions about the pathway and type of courses followed will be finalised following the publication of GCSE results; the curriculum offer is subject to the availability of specialist staff and viable groups. Once courses have begun, if early tracking indicates that a student is not making appropriate progress within a particular subject or subjects, then the Headteacher reserves the right to recommend a different course of study. The Headteacher's decision on the allocation of places and courses is final.

In accordance with the ethos of the school, all Sixth Form students follow a general Religious Studies programme. In addition, Year 12 students participate in a lively Physical Education programme, which includes a variety of sports. Personal, Social, Health and Citizenship Education is also an integral part of our weekly teaching with a particular focus on Careers, Higher Education and progress at 18.

Students have the opportunity to complete an Extended Project Qualification (EPQ). This is an additional qualification, valued and recognised by the top universities. It gives students the opportunity to explore and research a topic or idea that is outside the syllabus of A-level study and helps to prepare them for independent study in Higher Education. The EPQ can provide a focus for intellectual curiosity and creativity. Previous students have explored a wide range of topics at high levels including:

- The status of women in Afghanistan
- How effective is the *Help to Buy* scheme?
- Dementia screening in the UK.
- The legacy of the British Empire.
- What makes an effective sermon?
- Will the Riemann hypothesis be solved within the next 50 years?

PASTORAL, CAREERS AND ENRICHMENT PROGRAMME

Pastoral Organisation

Pastoral care in the Sixth Form is shared between the team of Sixth Form Tutors and the Sixth Form Leadership Team. The emphasis is on growth through self-motivation and personal responsibility. The tutor group meets daily and shares a prayer or thought for the day. A regular tutorial enables students and tutors to discuss issues of individual concern and to monitor progress. All students attend, and contribute to, year group assemblies and whole school assemblies.

Dress Code

In the Sixth Form, we recognise the independence and growing maturity of our students as they progress to the world of work and adult life. Our Sixth Form students are role models for the Coloma community and young women who take pride in themselves and in their school. As such we expect high standards of commitment, conduct and appearance from all our Sixth Form students and we work rigorously to maintain these standards. Our aim is to reflect the expectations of a professional workplace.

It is the responsibility of all students to comply with our dress code which is:

- a specified black suit from the suppliers www.cladishsports.co.uk. (When purchasing the suit students must choose the option that ensures that trousers are full length or that skirts are regular or long).
- a shirt, with sleeves and a traditional collar, made from material which is not sheer or see-through. All students must have a plain white, collared shirt available for formal school occasions.
- a plain jumper or cardigan (optional), without a hood, that may be worn under the jacket but not instead of the jacket.
- shoes which are suitable to wear with a suit, and not canvas or trainers.

Please note that:

- Jewellery, make-up, hair colour and styles must be kept to a discreet level; body piercing, apart from ears, is unacceptable.
- Students wishing to wear Islamic dress must wear a simple plain black hijab and or jilbab with the approved suit jacket.

Any student arriving in school dressed inappropriately can expect parents/guardian to be notified and may be asked to return home to change. The dress code applies to journeys to and from school, as well as at school, and at all school functions.

Please note that outdoor jackets, coats or hats may not be worn during the school day.

Religious Education

As a Catholic Voluntary Aided 11-18 school, our trustees and founders, the Daughters of Mary and Joseph, work closely with, and for, the school. In accordance with the statutes of the Foundation, every student has a lesson of RS every week. These lessons vary from being oases of spiritual reflection to being a time for sharing beliefs and dynamic discussions of values, ethics and faith; they are enriched by a wide range of visiting speakers. All students have access to the chapel on site. Lunchtime Mass is celebrated regularly.

Personal, Social, Health and Citizenship Education

A full and lively programme of activities, which includes numerous visitors to speak on a wide array of issues, is in place for all students. Topics include personal safety, presentation and interview skills, substance and alcohol abuse, financial management, being a citizen, health issues, charity work and gap year activities as well as much careers work and university preparation.

Educational Visits and Field Studies

There is an extensive programme of educational visits to places such as Berlin, Paris and Lourdes. Opportunities in recent years have included work experience in France and Germany, music tours to America and Europe and a sports tour to South Africa.

Regular visits are organised to exhibitions, conferences, theatres, galleries and museums according to the subjects being studied.

Arrangements are also made for all girls studying A-level Biology and Geography to attend field study courses.

CAREERS EDUCATION INFORMATION,ADVICE AND GUIDANCE

Careers guidance throughout these two years is regarded as a priority. There is a structured programme to encourage an awareness of the variety of opportunities available, and to help students towards a well-informed career decision.

Application to Higher Education and degree courses is actively encouraged and supported. Oxbridge applications are supported through a specialist preparation schedule. There is a suite of university admission tests that we offer as an examination centre, or ensure that your daughter can access at the appropriate centre if they are not schools based tests. Such tests constitute an important part of the selection process at certain universities. These tests include The BioMedical Admissions Test (BMAT) and the UK Clinical Aptitude Test (UKCAT) for applicants to Medicine, Medicine, Biomedical Science and Dentistry; the National Admissions Test for Law (LNAT) for applicants who seek to study Law; and a series of tests for certain subjects studied at Oxford or Cambridge University: We support students in preparing for UCAS with a programme that delivers a complete understanding of the process and we ensure that all students have produced the best possible personal statement. We also provide entry for Sixth Term Entry Papers (STEP) for Mathematics.

A Post 18 Conference is organised for all Year 12 students in June. It consists of career workshops, taster university sessions, applications, interview skills and CV writing support. Individual visiting professionals from industry, business and higher education institutions run workshops which also draw on the wide network of former students of Coloma who are established in their careers.

The School Council

The School Council is managed by Sixth Form school officials and is led by the Head Girl and her Deputies. It includes the Games Captain and her Deputy, the House Captains and the Chairwomen of the many committees, who are actively involved in various aspects of school life. The post holders are elected by students and staff and are appointed by the Headteacher.

All students are strongly encouraged to become involved in leading younger pupils whether this is as a form prefect for a younger year group or through the numerous clubs and activities organised by the Sixth Form.

PE

All Year 12 students follow a PE programme one afternoon a week. This programme offers activities such as self-defence, aerobics, yoga, badminton, trampolining, kick-boxing, pre- driving and many others. Students choose a different activity each term. The PE programme complements the academic programme and is mandatory for all students.

Extra Curricular Activities

The range of extra-curricular activities available includes membership of the various school and county teams for netball, lacrosse, athletics, cross country, tennis and swimming; participation in a Young Enterprise company and Tycoon in Schools Competition; membership of the Saint Vincent de Paul Society; a wide range of musical activities both choral and instrumental, jazz group and several chamber ensembles; theatrical performances, both on stage and behind the scenes; a very active Charities Team, Debating, Model United Nations Society, Fair Trade committees and a committed and enthusiastic technical crew who organise the lighting and sound for all school performances.

Year 12 students also have the opportunity to travel to Lourdes to work as volunteers on the HCPT Easter Pilgrimage each year.

Private Study Arrangements

Each subject studied requires a minimum of 5 hours of private study per week beyond the taught lesson time. The facilities for private study include a large study base which is supervised, a fully equipped ICT suite. Silent, independent study is observed here. There are study facilities open and available for students from 7.45am until 5.30pm. Each student has her own user access to the Internet.

The use of all materials and facilities are subject to Coloma policies.

CURRICULUM PATHWAYS 2018-20

In order to be considered for a place in the Sixth Form, all candidates must meet the minimum level of attainment at GCSE for the pathway they propose to follow. This is as follows:

Either: **4 A Levels**

This curriculum choice requires: 8 GCSEs including Maths at Grade 6 or above, English Language at Grade 6 or above, another 4 or more subjects at Grade 7 and above and a further 2 subjects at Grade 6. Candidates must meet the subject specific requirements in order to study their chosen subjects. The Extended Project Qualification is an optional extra available to candidates following this pathway. Students who choose to study 4 A Levels will be expected to complete all 4 A Levels, otherwise they should choose 3 A Levels and an EPQ.

Or: **3 A Levels**

This curriculum choice requires: 7 GCSEs including Maths at Grade 4 or above, English Language at Grade 5 or above, 3 other subjects at Grade 6 and above and 2 other Grade 4. Candidates must meet the subject specific requirements in order to study their chosen subjects. The Extended Project Qualification will be available to candidates following this pathway.

Or: **A Mixed Pathway**

This curriculum choice requires: 6 GCSEs including Maths at Grade 4 or above, English Language at Grade 4 or above, and a further 4 or more subjects at Grade 4 or above. This pathway will involve at least one BTEC course which can be single or double with either another BTEC or one or two A-levels (total of 3 awards). Candidates must meet the subject specific requirements in order to study their chosen subjects.

Students will sit internal examinations in the summer of Year 12 and will have been assessed throughout the course. If the school feels that the student is not succeeding then an alternative course will have to be followed.

Subject Specific Requirements

Subject	Pathway	Entry Criteria
Art : Fine Art	All	Grade 5 in GCSE Art.
Biology	3/4 A level	Grades 7 6 in Science AND Additional Science OR Grade 6 in Biology. In addition, Grade 5 in GCSE Mathematics.
Business	3/4 A level	Grade 5 in GCSE Mathematics
BTEC Business, single or double	All	Mixed Pathway requirements
Chemistry	3/4 A level	Grades 7 6 in Science AND Additional Science OR a Grade 6 in Chemistry. In addition, Grade 6 in GCSE Mathematics.
Computer Science	All	Grade 5 in GCSE Computer Science at AND Grade 5 in GCSE Mathematics
Design Technology	All	Grade 6 in GCSE Design Technology AND Grade 5 in GCSE Mathematics
Drama & Theatre Studies	All	Grade 5 in GCSE English Language or English Literature AND a Grade 5 in GCSE. Drama is highly recommended.
Economics	3/4 A level	Grade 6 in Mathematics
English Literature	All	Grade 6 in both English AND English Literature at GCSE
French	All	Grade 6 in GCSE French AND Grade 5 in GCSE English Language
Further Mathematics	3/4 A level	Grade 7 in GCSE Mathematics
Geography	3/4 A level	Grade 6 in GCSE Geography AND Grade 5 in GCSE Mathematics
German	All	Grade 6 in GCSE German AND Grade 5 in GCSE English Language
Government & Politics	3/4 A level	Grade 6 in GCSE English OR Grade 6 in GCSE History
BTEC Health & Social Care, single or double	All	Mixed Pathway requirements
History	3/4 A level	Grade 6 in GCSE History
BTEC IT	All	Mixed Pathway requirements
Law	3/4 A level	3 A Level Pathway requirements
Mathematics	3/4 A level	Grade 6 in GCSE Mathematics.
Media Studies	All	Mixed Pathway requirements
Music	All	Grade 6 in GCSE Music OR Grade V standard on an instrument/voice OR Grade V Theory.
Music Technology	All	Some background and interest in Music and Mixed Pathway requirements.
BTEC Performing Arts, single or double.	All	Mixed Pathway requirements
Physical Education	All	Grade 6 in Science OR Grade 5 in GCSE Biology. Grade 6 in GCSE PE is desirable.
Physics	3/4 A level	Grades 7 6 in Science and Additional Science OR Grade 6 in GCSE Physics. In addition, students should have Grade 6 in GCSE Mathematics.
Psychology	3/4 A level	Grade 5 in GCSE Mathematics AND Grade 5 in Additional Science or equivalent
Religious Studies	3/4 A level	Grade 6 at GCSE Religious Studies
Sociology	All	Mixed Pathway requirements
Spanish	All	Grade 6 in GCSE Spanish

Science and Additional Science GCSEs Please be aware that if you are studying Science and Additional Science at GCSE it is the full GCSE grade that is used for entry to the A Level not the results from individual units. This is usually the grade shown in Capital Letters on your results sheet. The lower case grades refer to individual units, not the whole GCSE.

ADMISSIONS POLICY 2018

General Information and Definition of Terms

Admission Number

There are about 200 places in the Sixth Form (Year 12). The admission number for girls wishing to join the school is 50. The Governors reserve the right to allocate places to fewer pupils if there are insufficient applicants who meet the minimum level of attainment at GCSE. Courses will be withdrawn if the number of students who qualify for them is very low, in which case students will be notified as soon as possible.

Timetable

The closing date for applications is Thursday 30th November 2017. Conditional offers of places will be made as soon as possible and, at the latest, by the end of March 2018.

Application Forms

All applications for admission must be completed online via **the school's website**.
<http://www.coloma.croydon.sch.uk/A-Level-Application-Form>

Late Applications

Applications made after the closing date will be considered subject to the availability of places. Planning for staffing and subject blocks will, however, be based on applications received by the deadline.

Oversubscription Criteria

If the number of applications from those who wish to join the school and meet the minimum level of attainment at GCSE exceeds the number of places available for a given course of study, the Governors will offer places conditionally in priority order as follows:

- A. *Applicants who are in public care to a local authority* (children who are looked after or previously looked after as defined in Section 22 of the Children Act 1989).
- B. *Other applicants*
If there are more applicants who satisfy criteria A - B than places available, places will be offered in each category to applicants by independently scrutinised random allocation.

Waiting Lists

Where an application is unsuccessful, applicants may ask for their name to be placed on a waiting list. The waiting list will be maintained in an order determined by the oversubscription criteria as set out in this policy.

Admission Appeals

Applicants who have not been offered a place at the school have the right of appeal against the Governors' decision. An independent admissions appeals panel will be established to hear appeals in accordance with the provisions of the 'School Admissions Appeals Code'.

ADMISSIONS PROCEDURE 2018

Coloma's 16+ Open Evening on Tuesday, 3rd October, 5.30pm – 7.30pm 2017

Open Morning on Saturday, 14th October 9.30am -11.30 am, 2017

Students wishing to apply to Coloma Sixth Form should apply online at:
<http://www.coloma.croydon.sch.uk/A-Level-Application-Form>

Your application should be with Coloma by **Thursday 30th November 2017**

Course Suitability Discussion

Applicants will be invited to attend a course suitability discussion at the school either in December 2017 or January-February 2018. This is not an interview but is designed to provide advice concerning subject choices and to enable prospective pupils to determine how their needs and requirements might be met at the school.

Offer of a Place

If offered a conditional place, applicants will be asked to confirm their acceptance in writing and agree their preliminary choice of subjects. Confirmation is regarded as a commitment. All places are conditional on meeting the admissions criteria. Please read the conditions for individual subjects carefully.

At the end of **June 2018** applicants will be invited to attend an Induction Day when they will have the opportunity to meet with staff and other students and familiarise themselves with the Sixth Form Centre. They will also receive reading lists and preparatory work for their chosen programmes of study.

Following publication of the GCSE examination results in August 2018, applicants will be expected to submit their results to the Head of Sixth Form at Coloma.

Applicants may contact the school at any stage of the admissions process if they need any further information or assistance. Late applications are always given consideration.

Art & Design

(PEARSON Specification Code 9ADO Fine Art 9FA0)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Coursework practical and contextual unit (60%)
- One examination (40%) at the end of Year 13

Minimum entry requirements:-

- Mixed pathway requirements
- In addition to the main entry requirements, a proven interest and aptitude in the subject; Grade 5 in GCSE Art.

Overview of course content:

Year 12 Topics

1. Experimentation with techniques and materials.
2. Practical Unit: Surfaces

Personal Study resulting in supporting studies, practical work and a final outcome

Year 13 Topics

3. Personal investigation- contextual unit 3,000 word essay
4. Personal investigation - practical unit
5. Externally set assignment

Skills acquired and future prospects:-

Studying A Level Art and Design will help you develop a wide range of skills including creative use of materials, problem solving and communication skills. Students may progress to a foundation course in Art and Design or onto a degree course; leading to a diverse range of career opportunities from architecture to film prosthetics and special effects. The creative industries are now worth £87 billion a year to the UK economy. In fact, the sector is growing at almost twice the rate of the wider UK economy. They are the UK's second biggest employer after banking, accounting for 16% of employment within London.

Biology

(AQA Specification Code 7401/7402)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (35%) Content from topics 1-4, including relevant practical skills
- Paper 2 (35%) Content from topics 5-8, including relevant practical skills
- Paper 3 (30%) Any content from topics 1-8, including relevant practical skills

Minimum entry requirements:-

- 3 A level pathway requirements
- Grade 7, 6 in Science GCSE **Or** Grade 6 in Biology GCSE
- Mathematics GCSE Grade 5

Overview of course content:-

Year 12 Topics

1. Biological molecules
2. Cells
3. Exchanging substances with the environment
4. Genetic information

Year 13 Topics

5. Energy transfers between organisms
6. Organisms respond to environmental changes
7. Genetics, populations, evolution and ecosystems
8. The control of gene expression

Skills acquired and future prospects:-

A-level Biology provides students with a valuable set of transferable skills; powers of analysis and evaluation, extended writing and advanced numeracy are all developed during the course. The variety of stimulating topics covered ensures that Biology is one of the most popular A-level subjects in the country, attracting students studying a wide range of other subjects. Students may progress to a biologically related degree course or a career in health and clinical professions however, many students also go on to a diverse range of non-science careers. Whatever field students eventually work in, they will find Biology a rewarding and demanding course.

Business

(AQA Specification Code 7131/7132)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (33.3%) Content from topics 1-8. Multiple choice questions. Short answer questions and two essay questions.
- Paper 2 (33.3%) Content from topics 1-8. Three data response questions.
- Paper 3 (33.3%) Any content from topics 1-8. One case study followed by six questions.

Minimum entry requirements:-

- 3 A level pathway requirements
- Mathematics GCSE Grade 5

Overview of course content:-

Year 12 Topics

1. What is business?
2. Managers, leadership and decision making
3. Decision making to improve marketing performance
4. Decision making to improve operational performance
5. Decision making to improve financial performance
6. Decision making to improve human resource performance

Year 13 Topics

7. Analysing strategic position of a business
8. Choosing a strategic direction
9. Strategic methods: how to pursue strategies
10. Managing strategic change

Skills acquired and future prospects:-

Do you fancy yourself as the CEO of a successful business? Got some great ideas for new products or services? Maybe you want to work for a large company in marketing or management? Or start a business from home? This A-level will get you started in business and give you the skills and knowledge to progress to Higher Education. You could work for a company or maybe a management consultancy, but ultimately all businesses (and other organisations like charities and hospitals) need sound business skills behind them. Among the many benefits, this specification is designed to encourage students to develop real life skills needed for further study and future employment. Students who take Business will find that it combines well with subjects such as; Psychology, English, Mathematics and Modern Languages but students committed to the Arts or Sciences should also consider taking Business in this cost-centred world.

BTEC Business

(PEARSON BTEC Level 3 National Extended Certificate in Business)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Equivalent to one A Level. 95% of universities and colleges in the UK now accept BTECs – including Oxford University (Source: UCAS, Meeting the Needs of Learners, Providers and Universities (2016))
- 4 units of which 3 are mandatory and 2 are external.
- Written 2 hour Personal and Business Finance examination.

Minimum entry requirements:-

- Mixed Pathway requirements

Overview of course content:-

Mandatory content

- Exploring Business
- Developing a Marketing Campaign
- Personal and Business Finance

1 option from the following;

- Recruitment and Selection Process
- Investigating Customer Service
- Market Research
- The English Legal System
- Work Experience in Business

Skills acquired and future prospects:-

Young people taking their first step into a new career need the right blend of technical and academic skills to support them. Employers and Higher Education are looking for highly skilled, job-ready individuals with a strong work ethic. This BTEC qualification has employability at the heart, so learners can develop the skills and confidence they will need to step into a prosperous future. The BTEC provides transferable knowledge and skills that prepare learners for progression to university including; the ability to learn independently; the ability to research actively and methodically; to be able to give presentations and be active group members. The BTEC provides a vocational context in which learners can develop the knowledge and skills required for particular degree courses, including; effective writing, analytical skills and creative development.

Chemistry

([AQA Specification Code 7404/7405](#))

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1: Physical and Inorganic paper. 2 hours, 35% of A level
- Paper 2: Physical and Organic paper. 2 hours, 35% of A Level
- Paper 3: Practical Skills, Data Handling and Synopsis. 2 hours, 30% of A Level

Minimum entry requirements:-

- 3 A level pathway requirements
- Grade 7, 6 in Combined Science GCSE **or** Grade 6 in Chemistry GCSE
- Mathematics GCSE Grade 6

Overview of course content:-

Physical Chemistry

Topics include: Atomic structure; Amount of substance; Bonding; Energetics; Kinetics and rate equations; Chemical equilibrium. Thermodynamics, Acids and bases; Redox and Electrochemistry.

Inorganic Chemistry

Topics include: Periodicity, Group 2 – the Alkaline Metals, Group 7 – the Halogens, the properties of Period 3 elements, Transition Metal chemistry and the reactions of ions in aqueous solution

Organic Chemistry

Topics include: Alkanes, Alkenes, Halogen alkanes, Alcohols, Carbonyls, Carboxylic Acids and their derivatives, Aromatics, Amines, Polymers, Amino Acids, Proteins and DNA, Organic Analysis – I.R, N.M.R and Mass spectroscopy and synthetic pathways.

Skills acquired and future prospects:-

A-level Chemistry is a facilitating subject for careers in: medicine, veterinary science, environmental science, engineering, toxicology, development of consumer products, metallurgy (studying how metals behave), space exploration, forensics, development of perfumes and cosmetics, pharmaceuticals, energy, teaching, science writing, patent attorney, software development, accountancy and scientific policy writing.

Chemistry helps you to develop research, problem-solving and analytical skills. It helps you challenge ideas and show how you worked things out through logic and step-by-step reasoning. Chemistry often requires teamwork and good communication skills too, which is great for project management.

Computer Science

(OCR Specification Code H446)

Course details:-

- 6 Lessons a week - 5 hours of teaching time
- Two examinations at the end of Year 13 and one coursework
- Component 1 (40%) - Computer Systems (Written paper)
- Component 2 (40%) - Algorithms and programming (Written paper)
- Component 3 (20%) - Programming Project (Non-exam assessment)

Minimum entry requirements:-

- Mixed pathway requirements
- Computer Science GCSE Grade 5
- Mathematics GCSE Grade 5

Overview of course content:-

Component 1

1. The characteristics of contemporary processors, input, output and storage devices
2. Software and software development
3. Exchanging data
4. Data types, data structures and algorithms
5. Legal, moral, ethical and cultural issues

Component 2

1. Elements of Computational Thinking
2. Problem solving and programming
3. Algorithms

Programming Project

1. Problem Analysis
2. Design of the solution

Skills acquired and future prospects:-

Computer Science is a discipline that offers rewarding and challenging possibilities for a wide range of people regardless of their range of interests. It requires and develops capabilities in solving deep, multidimensional problems requiring imagination and sensitivity to a variety of concerns. Computer Science drives innovation in the sciences (human genome project, AIDS vaccine research, environmental monitoring and protection just to mention a few), and also in engineering, business, entertainment and education. An increasing number of universities and employers see successful completion of a Computer Science course as a sign of academic well-roundedness.

Design Technology - Product Design

([AQA Specification Code: 7552](#))

Course details:-

- lessons a week - 250 minutes of teaching time
- Two examinations and one non-exam assessment at the end of Year 13
- Paper 1 (30%) Technical principles
- Paper 2 (20%) Designing and making principles
- Non-exam assessment (50%) Substantial design and make project

Minimum entry requirements:-

- Mixed pathway requirements
- Design Technology GCSE: Grade 6
- Mathematics GCSE: Grade 5

Overview of course content:-

This is a creative and thought-provoking qualification which gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers.

They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing prototypes of their choice.

Skills acquired and future prospects:-

- Problem solving with creative and innovative strategies.
- The ability to design and develop economically viable products
- Be conscious of global social, cultural and environmental issues related to the industry
- Attention to detail, numeracy and high levels of computer literacy
- Be effective communicators, capable of team work and the ability to take on responsibility
- Be independent and self-motivated and managing to meet deadlines

Career pathways including exciting opportunities in the design industry such as architecture, website design, graphic design, display and exhibition, design engineering, interior design, marketing, jobs in construction, product design, special effects work, publishing, packaging, working in multimedia, interactive media, teaching, theatre design and working for the environment.

Drama

(AQA Specification Code 7262)

Course details:-

- Component 1 Drama and Theatre 40% of total mark
- Component 2 Creating Original Drama (practical) 30% of total mark
- Component 3 Making Theatre (Practical) 30% of total mark

Minimum entry requirements:-

- Mixed pathway requirements
- Grade 5 at GCSE English
- Grade 6 at GCSE Drama is desirable

Overview of course content:-

Year 12 Topics

- Study of two plays
- Response to live theatre
- Creating Original Drama

Year 13 Topics

- Making Theatre (Practical)
- Reflective report

Skills acquired and future prospects:-

This course is a natural progression from the AQA Drama GCSE. Students can develop their skills in a range of practical drama elements including acting and directing.

A study of Drama will lead to excellent presentation skills, the ability to analyse and understand text and drama students are well-placed to perform well in interviews in any walk of life, as well as accessing the complete range of employment possibilities in the Creative Arts Industries.

Economics

(AQA Specification Code 7135/7136)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (33%) Content from Individuals, Firms, Markets & Market Failure
- Paper 2 (33%) Content from The National & International Economy
- Paper 3 (33%) Any content from all Paper 1 & 2 topics; includes Multiple Choice

Minimum entry requirements:-

- 3 A level pathway requirements
- Mathematics GCSE Grade 6

Overview of course content:-

Year 12 Topics

1. Scope of Economics
2. Demand & Supply; Prices
3. Markets & Market Failure
4. Economic Performance & Policy
5. International Trade

Year 13 Topics

1. Behavioural Economics
2. Labour Markets
3. Inequality & Poverty
4. Financial Markets
5. Globalisation

Skills acquired and future prospects:-

The study of Economics at A-level requires an ability to reason and think logically. Not an exact science, many of the concepts, such as, for example fluctuating exchange rates, can have profound effects on the economy that at the same time can be favourable or adverse. It is therefore necessary to evaluate an overall effect by weighing up the impact of the various individual factors. Students will also become skilled essay writers as well as being able to think through and solve multiple-choice problems. In terms of future prospects, it is quite common for graduates to pursue rewarding careers in finance and ICT, given the signaling quality of the degree course.

English Literature

(OCR Specification Code H472)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- TWO examinations at the end of Year 13 plus a coursework module
- Paper 1 (40%) Drama and Poetry pre 1900
- Paper 2 (40%) Comparative and Contextual Study
- Paper 3 (20%) Literature post 1900 non examined unit

Minimum entry requirements:-

- Mixed pathway requirements plus:
- Grade 6 at GCSE in BOTH English Language and Literature

Overview of course content:-

Year 12 Topics

The Merchant's Tale
The Duchess of Malfi
Women in Literature: Mrs Dalloway
Close study poetry post 1900

Year 13 Topics

Hamlet or The Tempest
Comparative novel for Women in Literature
By the Bog of Cats and The Penelopiad

Skills acquired and future prospects:-

Studying English Literature at A Level will develop your analytical skills, the ability to communicate effectively and persuasively, enable you to compare texts and to consider the significance of a range of contexts, as well give you the opportunity to explore different interpretations.

English Literature at A Level is a very highly regarded facilitating subject for a wide range of degrees including English, History, Foreign Languages, Law and Medicine.

French

(AQA Specification Code 7652)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (50%) Listening, Reading and Writing Examination
- Paper 2 (20%) Writing Examination on literature and film
- Paper 3 (30%) Oral Examination with discussion of Individual Research Project

Minimum entry requirements:-

- Mixed pathway requirements
- Grade 6 in French GCSE
- Grade 5 in English Language GCSE

Overview of course content:-

Year 12 Topics

- The changing nature of the family
- The digital world
- Volunteering
- Culture and heritage
- Music in the French speaking world
- The seventh art
- Study of a film

Year 13 Topics

- Diversity in society
- Life for people on the margins of society
- Crime and punishment
- Young people and politics
- Demonstrations and strikes
- Immigration
- Individual research project

Skills acquired and future prospects:-

Students develop the skills to be able to speak and write fluently and accurately, and to understand high level written and spoken texts. Students' understanding of French culture and of social themes is well developed, and students complete the A-level course with the skills to live and work anywhere in the French speaking world, and with the ability to talk about literature, film, culture and society.

French as a language is in great demand both internationally and in the UK, and is an official language of the European Union. Students with French have excellent employment prospects in many fields including interpreting, intelligence, law and finance to name but a few. Students with a foreign language also develop their expertise and fluency in English, which is a great advantage in the employment market.

Geography

(AQA Specification Code 7037)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Two examinations at the end of Year 13
- Paper 1 Physical geography (40%)
- Paper 2 Human geography (40%)
- Geography fieldwork investigation (20%) 3,000-4,000 words Coursework

Minimum entry requirements:-

- 3 A level requirement
- Grade 6 Geography GCSE
- Grade 5 in both Mathematics and English

Overview of course content:-

Year 12 Topics

- Section A: Water and carbon cycles
- Section B: either Hot desert systems and landscapes **or** Coastal systems Landscapes **or** Glacial systems and landscapes
- Section C: either Hazards **or** Ecosystems under stress

Year 13 Topics

- Section A: Global systems and global governance
- Section B: Changing places
- Section C: either Contemporary urban environments **or** Population and the environment **or** resource security

Skills acquired and future prospects:-

A Level Geography is designed to challenge perceptions and stimulate the development of investigative and analytical skills. Geography combines well with both arts and science subjects and as a broad based subject allows for a wide range of future progression, including careers in sustainability and green issues, urban regeneration, energy supply, retail location, managing the effects of hazards and climate change. Alternatively, for careers in the world of business, an understanding of global economics forms an important part of Geography. If you are thinking of a career in law, human rights, international relations or welfare then Geography gives you the opportunity to consider relevant issues such as; How do we measure development? What are the consequences of migration on societies?

German

[\(AQA Specification Code 7662\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (50%) Listening, Reading and Writing Examination
- Paper 2 (20%) Writing Examination on literature and film
- Paper 3 (30%) Oral Examination with discussion of Individual Research Project

Minimum entry requirements:-

- 3 A level requirement
- Grade 6 German GCSE
- Grade 5 in English GCSE

Overview of course content:-

Year 12 Topics

- The changing nature of the family
- The digital world
- Youth culture
- Festivals and traditions
- Art and architecture
- The cultural life of Berlin
- Study of a film

Year 13 Topics

- Immigration, integration and racism
- Germany and the European Union
- Politics and young people
- Study of a work of literature
- Individual research project

Skills acquired and future prospects:-

Students develop the skills to be able to speak and write fluently and accurately, and to understand high level written and spoken texts. Students' understanding of German culture and of social themes is hugely developed, and students complete the A-level course with the skills to live and work in Germany, and with the ability to talk about literature, film, culture and society, and to follow their own interests in the subject. Talking in German is great fun and immensely rewarding.

German as a language is greatly in demand both internationally and in the UK, and students with German have excellent employment prospects in fields from business to broadcasting, and from diplomacy to intelligence. Students with a foreign language also develop significantly their expertise and fluency in English, which is a great advantage in the employment market.

Government & Politics

(PEARSON Specification Code: 9PL0)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- 3 examinations at the end of Year 13
- Paper 1 (33.3%) UK Politics (9PL0/01) 2 hour written examination - (two 30 mark essays & a 24 mark essay)
- Paper 2 (33.3%) UK Government (9PL0/02) 2 hour written examination - (two 30 mark essays & a 24 mark essay)
- Paper 3 (33.3%) Comparative Politics (9PL0/3A) 2 hour written examination

Minimum entry requirements:-

- 3 A level pathway requirements
- Grade 6 in GCSE English or Grade 6 in GCSE History

Overview of course content:-

Year 12 Topics

Political Participation: Democracy & participation, political parties, electoral systems, voting behaviour and the media.

Core Political Ideas: Conservatism, Liberalism, Socialism.

UK Government: The UK Constitution, Parliament, Prime Minister and Executive, relationships between the branches of government.

Year 13 Topics

Optional Political Idea: Feminism

USA Politics: The US Constitution and federalism, US congress, US presidency, US Supreme Court, Democracy and Participation, civil rights.

Comparative Politics: Comparing the USA and UK Political systems

Skills acquired and future prospects:-

Politics is well regarded by universities and employers alike. The knowledge acquired of current affairs makes it an ideal choice for those thinking of a career in government the civil service law business financial services or journalism. Many students go on to continue their study of Politics at university, combining subject with History, Economics or branching out to study Law.

Students of Government & Politics will acquire debating skills and research skills incorporating the use of ICT & broadsheet newspapers. They will gain experience of delivering Powerpoint presentations. They will become independent learners & critical thinkers through participation in discussions and written assignments. Students will also learn to structure a language essay and present a balanced argument.

BTEC LEVEL 3 (Double Award) National Diploma in Health and Social Care

(PEARSON 601/7194/7)

Course details (Equivalent in size to two A-levels)

- 12 lessons a week (720 Guided Learning Hours)
- Units 1,2 &4 are mandatory and externally assessed by examinations and supervised test, accounting for 46.5 % of the qualification (12.5,17 & 17% respectively)
- Units 5,7 & 8 are mandatory, internally assessed accounting for 37.5% of the qualification (12.5% each)
- Unit 6 & 12 are optional, internally assessed accounting for 16% of the qualification (8% each)

Minimum entry requirements:-

- Mixed pathway requirements
- An interest in working the field of health and social care
- A commitment to undertake at least 100 hours work experience in a relevant health or social care setting

Overview of course content:-

Year 12 Topics

- Unit 1 Human Lifespan Development
- Unit 2 Working in Health & Social Care
- Unit 6 Work experience in a H&SC
- Unit 7 Principles of Safe Practice in H&SC

Year 13 topics

- Unit 4 Enquires into Current Research
- Unit 5 Meeting Individual Care and Support Needs
- Unit 8 Promoting Public Health
- Unit 12 Supporting Individuals with Additional Needs

Skills acquired and future prospects:-

This qualification has been designed to account for two-thirds of a two-year, full-time study programme for learners who are intending to go onto further study in a related sector. It supports access to a range of higher education courses if taken as part of a programme of study that includes another BTEC or A-level alongside it. Students will acquire a broad understanding of human growth and development and develop the knowledge, values and professional skills which will enable them to work with vulnerable people in a range of health and social care settings.

<https://qualifications.pearson.com/en/qualifications/btec-nationals/health-and-social-care-2016.html>

BTEC LEVEL 3 National Extended Certificate in Health and Social Care

[\(PEARSON 601/7197/2\)](#)

Course details (Equivalent to I A –level)

- 6 lessons a week (360 Guided Learning Hours)
- Unit 1 and Unit 2 are mandatory and externally assessed by examinations, accounting for 58% of the qualification (25% & 33% respectively)
- Unit 5 is mandatory, internally assessed accounting for 25% of the qualification
- Unit 12 is an optional Unit, internally assessed accounting for 17%

Minimum entry requirements:-

- Mixed Pathway
- An interest in working in the Health and Social Care sector

Overview of course content:-

Year 12 Topics

- Unit 1 Human Lifespan Development
- Unit 2 Working in Health & Social Care

Year 13 Topics

- Unit 5 Meeting Individual Care and Support Needs
- Unit 12 Supporting Individuals with Additional Needs

Skills acquired and future prospects:-

This qualification is designed to support progression to higher education when taken as part of a programme of study that includes other appropriate BTEC Nationals or A-levels.

Students will develop a broad knowledge and understanding of human growth and development and acquire the values and skills which will enable them to work with vulnerable people in a range of health and social care settings.

<https://qualifications.pearson.com/en/qualifications/btec-nationals/health-and-social-care-2016.html>

History

[\(AQA Specification Code 7042 \(1C, 2O and 3\)\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Two examinations at the end of Year 13
- Paper 1 (40%) Breadth Study: Tudors 1485—1603
- Paper 2 (40%) Depth Study: Germany 1918-1945
- Unit 3 (20%) Coursework on African American Civil Rights 1865-1968

Minimum entry requirements:-

- 3 A level pathway requirements
- History GCSE Grade 6

Overview of course content:-

Year 12 Topics

Paper 1
Henry VII
Henry VIII

Paper 2
Weimar Germany 1918-1933

Year 13 Topics

Paper 1
Edward VI
Mary I
Elizabeth I

Paper 2
Nazi Germany 1933-1945

Paper 3:
Coursework

Skills acquired and future prospects:-

History is a very popular subject at A-level. In order to cope with this rigorous course you will need to have good literacy skills and have a keen interest in the subject. It will require reading, essay writing, source analysis and discussion.

This A-level lends itself well to many careers, particularly those that demand strong writing and communication skills such as journalism, law, teaching, research and politics for example. You will find it very interesting and challenging and it will develop excellent skills for future employment.

BTEC Level 3 National Extended Certificate In Information Technology

(PEARSON [360 GLH \(475 TQT\)](#))

Course details:-

- 6 Lessons a week - 5 hours of teaching time
- Equivalent in size to one A Level
- 4 units of which 3 are mandatory and 2 are external
- Mandatory content (83%)
- External assessment (58%)

Minimum entry requirements:-

- Mixed pathway requirements
- An interest in Information Technology

Overview of course content:-

Mandatory Units	Optional Units
Information Technology Systems	Data Modelling
Creating Systems to Manage Information	<i>or</i>
Using Social Media in Business	Website Development

Skills acquired and future prospects:-

This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in IT.

Law

(OCR Specification Code H415)

Course details:-

- Paper 1 33.3% The Legal System and Criminal Law
- Paper 2 33.3% Law making and the Law of Tort
- Paper 3 33.3% The Nature of Law

Minimum entry requirements:-

- 3 A level pathway requirements

Overview of course content:-

Year 12

- Civil courts and other forms of dispute resolution.
- Criminal courts and lay people.
- Legal personnel.
- Access to justice.
- General elements of criminal liability.
- Non-fatal offences against the person e.g. GBH
- Evaluation of the law.
- Liability in negligence .

Year 13

- Fatal Offences against the person e.g. murder.
- Statutory interpretation.
- Parliamentary law making.
- Delegated legislation.
- Judicial precedent.
- Law reform.
- European Union law.
- Human Rights.

Skills acquired and future prospects:-

- How to work effective within a team
- How to use evidence to support your arguments
- How to investigate facts and use deduction
- How to take responsibility for your own learning
- Communication – written and oral
- Critical thinking
- Debating
- Creativity
- Independent thinking
- Argument development

If you continue with your studies and embark on a law degree it is a very prestigious qualification and you will be well equipped to apply for graduate schemes and other positions in a range of public and private sectors.

Maths

[\(PEARSON Specification Code 9MA0\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three 2 hour examinations at the end of Year 13
- Paper 1 (33.33%) Any Pure Mathematics content
- Paper 2 (33.33%) Any Pure Mathematics content
- Paper 3 (33.33%) Statistics and Mechanics

Minimum entry requirements:-

- 3 A level pathway requirements
- Grade 6 in Mathematics

Overview of course content:-

Pure Mathematics Content:

Algebra and functions, Proof Further Algebra, Trigonometry Coordinate Geometry, Vectors Calculus, Numerical Methods

Statistics and Mechanics Content:

Sampling, Probability, Regression and Correlation
Normal Distribution Kinematics
Forces and Newton's Laws

Skills acquired and future prospects:-

Mathematics is a challenging and practical subject, which plays an essential part in our society. It underlies our modern way of living and without specialists, the world, as we know it, would not be the same. A level mathematics is highly regarded by all employers and for most courses at university. You may be considering a career for which mathematics is needed or for which it may be useful, such as engineering, medicine, veterinary science, accountancy, actuary, architecture, journalism, banking, management, teaching, pharmacy, human resources, computing, technology or economics.

Further Maths

[\(PEARSON Specification Code 9FM0\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Four 1 and a half hour examinations at the end of Year 13
- Paper 1 (25% Any Further Pure Mathematics content)
- Paper 2 (25%) Any Further Pure Mathematics content
- Paper 3 & 4 (25% each) Further Mathematics Options 1 & 2

Minimum entry requirements:-

- The 3 A-level pathway requirements and at least Grade 7 in Mathematics
- Students must choose A Level Mathematics in order to study Further Mathematics

Overview of course content:-

Proof	Further Vectors
Complex Numbers	Polar Coordinates
Matrices	Hyperbolic Functions
Further Algebra and Functions	Two Further Mathematics Options
Further Calculus	

Skills acquired and future prospects:-

Whilst Further Mathematics will clearly lead to the study of Mathematics in Higher Education it is a preferred subject for many universities for students planning to study Actuarial Science, Computer Science or Economics.

Media Studies

[\(AQA Specification Code : 7572\)](#)

Course details:-

- 6 lessons a week — 5 hours of teaching time
- Two written examinations and production at the end of Year 13
- Media One** (35%): Key concepts with a focus on advertising and marketing, music video, radio, newspapers and film
- Media Two** (35%): Close-study questions with focus on television, magazines, online, social and participatory media
- Coursework** (30%): creation of a cross-media production

Minimum entry requirements:-

- Mixed Pathway requirements
- Deep interest in all aspects of the media.
- Technical proficiency.

Overview of course content:-

Year 12 Topics

Focus on key concepts:

Language, Representations,
Industries, Audiences
Contemporary media theory
Production skills

Year 13 Topics

Close Study of Media Products:

One print production, one online

Social and participatory production and one audio-visual production.

Creation of a cross-media production.

Skills acquired and future prospects:-

Media Studies provides experience, expertise and skills which are essential to arts-based subjects at university, and careers within media and the creative arts.

These skills include the ability to: work to a deadline; communicate succinctly within a variety of formats; develop critical thinking through debate and analysis; argue a position effectively drawing on evidence; create interesting content for specific audiences; employ new technology imaginatively and proficiently; develop independent perspectives; articulate ideas on contemporary media issues such as feminism, identity, censorship and exploitation.

Music

(PEARSON Specification Code 9MU0)

Course details:-

- Performing - 30% (Internally marked and externally moderated) . Solo, and ensemble work, resulting in a recital lasting 8 minutes
- Composing - 30% (internally marked and externally moderated). 2 compositions, one free choice or to a set brief, and one following existing compositional techniques.
- Appraising - 40% (Written examination)

Minimum entry requirements

- Mixed pathway requirements
- Grade 6 at GCSE Music
- A pass at Grade 5 Theory is advisable. (*Grade 5 Theory classes are provided at Coloma for those who do not already hold the qualification.*)

Overview of course content:-

Year 12 and Year 13 Topics

Instrumental Music

Vocal Music

Music for Film Fusions

Popular Music and Jazz

New Directions

Skills acquired and future prospects:-

Analysis, co-ordination, creativity, flexibility, independence, innovation, listening, logic, organisation, presentation, resilience, team work, thinking on your feet. Employers love the skills and qualities exhibited by musically trained people.

Many, many possibilities, including Agent, Arranger, Arts Administrator, Broadcaster, Composer, Concert Promotion, Conductor, Critic, Film work, Music Therapist, Performer, Publisher, teacher.

Music Technology

(PEARSON Specification Code 9MT0)

Course details:-

- Component 1 - 20% - Coursework - Multi-track recording
- Component 2 - 20% - Coursework - Technology-based composition
- Component 3 - 25% - Examination - Listening and Analysing
- Component 4 - 35% - Practical Examination - Producing and Analysing

Minimum entry requirements:-

- Mixed pathway requirements
- Music Technology is a completely new course at Key Stage 5, so there is no prerequisite course. However, a background and interest in Music is important.

Overview of course content:-

Year 12 Topics

- Multi-track recording
- Sequencing audio
- Composing using Music
- Technology based around two set audio loops
- Live sound

Year 13 Topics

- Multi-track recording
- Developments in Music Technology since 1940
- Composing using Music Technology based on a set brief

Skills acquired and future prospects:-

Almost all modern-day Music is made on computers, and the ability to record has been vital to the success of Music over the last 70 years. This course covers both of those aspects, including: learning how to use the recording studio, making music on the computer, using Logic Pro X, composing music using Music Technology, and controlling sound at live events. It is a great way to use your musical skills in a new, different and exciting way.

At Coloma, we have facilities that match the expectations of the course and the modern music industry: an acoustically treated recording studio with a range of professional microphones, an iMac and high quality audio interface; and an iMac suite containing 30 computers.

Music Technology is a handy way to blend musical skills with technological and scientific knowledge, in an industry where there are plenty of jobs available. Possible career pathways include: Sound Engineering—for Film, TV, Radio, Digital Media, Concerts; Artist/Songwriter - producing modern music; Designing Audio Equipment.

BTEC Performing Arts

[\(PEARSON Specification Code 601/7233/2\)](#)

Course details:-

- Unit 1 Investigating Practitioners' Work 25%
- Unit 2 Developing Skills and Techniques for Live Performance 25%
- Unit 3 Group Performance 25%
- Unit 4 Theatre Directing 25%

Minimum entry requirements:-

- Mixed Pathway requirements

Overview of course content:-

Year 12 Topics

- Introducing work of different practitioners
- Working through a range of theatrical material
- Working on a variety of skills and techniques associated with performance practice

Year 13 Topics

- Live performance skills
- Directing and how to succeed here

Skills acquired and future prospects:-

This course offers the opportunity of working in performance in a very practical way, looking at the way the performing arts industry functions and how to respond to this successfully. Performing Arts will enhance confidence, presentation skills and the ability to communicate with an audience, making the student extremely employable in any walk of life.

Physical Education

[\(AQA Specification Code 7582\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Two examinations and an NEA at the end of Year 13
- Paper 1 (35%) Factors affecting participation in physical activity and sport
- Paper 2 (35%) Factors affecting optimal performance in physical activity and sport
- NEA (30%) Practical performance in physical activity and sport

Minimum entry requirements:-

- Mixed pathway requirements
- Grade 6 Combined Science GCSE **Or** Grade 5 in Biology GCSE
- Grade 6 in Physical Education GCSE (if studied)
- Candidates should play one sport at competitive school/club standard

Overview of course content:-

Paper 1

- Applied Anatomy and Physiology
- Skill Acquisition
- Sport and Society

Paper 2

- Exercise Physiology & Biomechanics
- Sport Psychology
- Sport, society and technology in sport

Skills acquired and future prospects:-

Physical Education is a fantastic A-level subject attracting students studying a wide range of other complimentary subjects such as Biology, Psychology and Business studies. Students may progress to a sports science related degree course or a career in health, sports marketing, physiotherapy and sports media, however, many students go on to a diverse range of non-sports related careers.

Whatever field students eventually work in, they will find Physical Education a rewarding and demanding course which will develop many skills essential for a successful career.

Physics

[\(AQA Specification Code 7407 / 7408\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (34%) Content from topics 1-5 and 6.1
- Paper 2 (34%) Content from topics 6.2, 7 and 8
- Paper 3 (32%) Practical skills, data analysis and content from **one** of topics 9—13

Minimum entry requirements:-

- 3 A level requirements
- Grade 7, 6 Combined Science GCSE **Or** Grade 6 in Physics GCSE
- Mathematics GCSE Grade 6

Overview of course content:-

Year 12 Topics

1. Measurements and their errors
2. Particles and radiation
3. Waves
4. Mechanics and materials
5. Electricity

Year 13 Topics

6. Further mechanics and thermal physics
7. Fields and their consequences
8. Nuclear physics
- 9-13. Optional topic (Astrophysics, Medical Physics, Engineering, Turning Points or Electronics)

Skills acquired and future prospects:-

Studying Physics will give you the opportunity to develop many transferable skills that are highly desired by employers. For example, quantitative skills, analytical skills, problem solving and communication skills. Students may progress to a Physics related degree course or a career in research, engineering, law, finance, medicine, industry, computer science, astronomy, journalism, management or education.

Psychology

(AQA Specification Code 7182)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 Introductory Topics in Psychology (2 hours, 33.3%)
- Paper 2 Psychology in Context (2 hours, 33.3%)
- Paper 3 Issues and Options in psychology (2 hours 33.3%)

Minimum entry requirements:-

- 3 A level pathway requirements
- Grade 5 in GCSE Mathematics AND Grade 5 in Additional Science OR Grade 5 in Physics, Chemistry or Biology.

Overview of course content:-

Year 12 Topics

- 1 Social influence
- 2 Memory
- 3 Attachment
- 4 Approaches in Psychology
- 5 Psychopathology
- 6 Research methods

Year 13 Topics

- 1 Approaches (Psychodynamic & Humanistic)
 - 2 Biopsychology
 - 3 Research methods
 - 4 Issues and debates in Psychology
 - 5 Forensic Psychology*
 - 6 Schizophrenia*
 - 7 Cognition & Development*
- * Current options

Skills acquired and future prospects:-

Psychology is a very popular A level and degree subject, offering a wide range of highly transferable skills and professional career pathways. The course provides students with strong evaluative and written skills, alongside theoretical knowledge, all of which are relevant to for further study or future employment. Employers are keen to hire students with a Psychology qualification because of their understanding of human behaviour, academic flexibility and research skills.

Religious Studies

[\(OCR Specification Code H573\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (33.3%) Philosophy of Religion
- Paper 2 (33.3%) Religion and Ethics
- Paper 3 (33.3%) Developments in Christian Thought

Minimum entry requirements:-

- 3 A level pathway requirements
- Grade 6 in Religious Studies GCSE

Overview of course content:-

Year 12 Topics

Greek philosophy, arguments for God, religious experience, problem of evil, natural law, situation ethics, Kantian ethics, utilitarianism, business ethics, Augustine, death and the afterlife, Knowledge of God's existence, The person of Jesus, Christian moral principles and Christian moral action.

Year 13 Topics

The nature and attributes of God, religious language, meta-ethical theories conscience, sexual ethics, religious pluralism, gender and theology, The challenge of secularism and liberation theology

Skills acquired and future prospects:-

Religious Studies helps develop thinking and analytical skills, the ability to advance and structure an argument, textual analysis and it fosters independent thinking. This course complements a wide range of subjects: English, History, Sociology, Geography, Drama, Languages, Psychology and Maths have all made use of transferable skills. This course also supports those who study the sciences, particularly those who wish to follow a career in Medicine. This course is available to people of any religious belief, or none. You do not have to be religious to succeed in Religious Studies.

Sociology

[\(AQA Specification Code 7192\)](#)

Course details:-

6 lessons a week - 5 hours of teaching time

- Three examinations at the end of Year 13
- Paper 1 (33.3%) 2 hours - Education, Methods in Context, Theory
- Paper 2 (33.3%) 2 hours - Extended writing in two sections.
- Paper 3 (33.3%) 2 hours - Crime and Deliverance

Minimum entry requirements:-

- Mixed pathway requirements

Overview of course content:-

Year 12 Topics

In Year 12, candidates studying this specification will acquire knowledge of contemporary social processes and social changes. You will study Education, Family and Research Methods. Candidates will be encouraged to develop their own sociological awareness through active engagement with the contemporary social world.

Year 13 Topics

In Year 13, candidates will study the changing role of religion in our society, Crime and Deviance with Sociological Theory and Research Methods.

Skills acquired and future prospects:-

• How to use evidence to support your arguments • How to investigate facts and use deduction • How to put over your point of view fluently • How to work as a team to achieve results • How to take responsibility for your own learning. Communication – written and oral Analysis, Evaluation, Critical Thinking, Debating, Creativity, Independent Thinking, Argument Development.

Sociologists work within many different fields such as law enforcement, education, politics and social work. They also play a big role in shaping social policy by exposing and examining areas of inequality in society related to, for example, racism or ageism. Sociology is a great choice of subject for people who want a career in social work, nursing or medicine. But the subject is also useful in a number of other careers, like marketing, advertising, PR, journalism, law or teaching.

Spanish

[\(AQA Specification Code 7691\)](#)

Course details:-

- 6 lessons a week - 5 hours of teaching time
- Three examinations at the end of Year 13
- Paper 1 (50%) Listening, Reading and Writing Examination
- Paper 2 (20%) Writing Examination on literature and film
- Paper 3 (30%) Oral Examination with discussion of Individual Research Project

Minimum entry requirements:-

- Mixed pathway requirements plus
- Grade 6 in Spanish GCSE
- Grade 5 in English Language GCSE

Overview of course content:-

Year 12 Topics

- Traditional and modern values
- The digital world
- Gender equality
- The regional identity in Spain
- The cultural heritage
- Artistic culture in the Hispanic world
- Study of a film

Year 13 Topics

- Immigration, integration and racism
- Aspects of political life in the Hispanic world
- Monarchies and dictatorships
- Study of a work of literature
- Individual research project

Skills acquired and future prospects:-

Students develop the skills to be able to speak and write fluently and accurately, and to understand high level written and spoken texts. Students' understanding of Hispanic culture and of social themes is developed, and students complete the A-level course with the skills to live and work in Spain, and with the ability to talk about literature, film, culture and society, and to follow their own interests in the subject. Spanish as a language is greatly in demand both internationally and in the UK, and students with Spanish have excellent employment prospects in fields from business to broadcasting, and from diplomacy to intelligence. Students with a foreign language also develop significantly their expertise and fluency in English, which is a great advantage in the employment market.

UNIVERSITY COURSES 2017



We are delighted that our girls choose an exciting and diverse range of University courses. This is a selection of the courses studied by Coloma students in 2017

Course Title	
Accounting with Finance	Football Business and Media (UCFB)
Ancient History	General Engineering
Architecture	Geography
Arts and Sciences with Study Abroad	Geography and Development Studies
Biochemistry	German and History
Biochemistry (optional International Year available)	Hispanic Studies
Biological Sciences	History
Biomedical Science	History and International Relations
Biotechnology	History and Politics
Business Management (Including Year Abroad)	International Business with French and German
Business Management with Communications and Year in Industry	International Relations
Business, Management and Economics (with a foundation year)	International Relations and Development
Chemical Engineering	Law
Chemical Engineering (Industrial Experience)	LLB Law with Sociology
Chemistry	Marketing and Management
Childhood and Youth Studies	Mathematics (with a foundation year)
Comparative Literature	Mathematics and Actuarial Science
Computer Science	Media and Communications
Computer Systems Engineering	Medicine
Contemporary Media Cultures	Microbiology
Criminology	Music
Criminology and Social Policy	Music Technology and French
Criminology and Sociology	Musical Theatre Performance
Dentistry	Nursing (Adult)
Diagnostic Radiography	Nutrition and Dietetics
Drama, Applied Theatre and Education	Optometry
Economic and Social History	Philosophy, Politics and Economics
Economics	Philosophy/Psychology
Economics and Finance	Physiotherapy
English	Politics and Sociology
English and American Literature	Psychology
English Literature	Psychology with Clinical Psychology
English Literature with Film Studies	Sociology
European Legal Studies	Sound Design Technology
Fashion	Theatre Production
Film Studies and Law	Zoology

UNIVERSITY DESTINATIONS 2017



90% to University, 45% to Russell Group Universities

Higher Education Destinations

The Arts University College at Bournemouth	University of Leeds
Aston University	University of Leicester
University of Wales, Bangor	University of Lincoln
University of Bath	The University of Liverpool
Bath Spa University College	Loughborough University
Birkbeck, University of London	The Manchester Metropolitan University
The University of Birmingham	University of Newcastle upon Tyne
University of Brighton	The University of Nottingham
University of Bristol	The Nottingham Trent University
Brunel University	Oxford University
Buckinghamshire New University	Oxford Brookes University
Cambridge University	University of Portsmouth
Cardiff University	Queen Mary, University of London
University of Wales Institute, Cardiff	Queen's University Belfast
The Central School of Speech and Drama	The University of Reading
University of Chester	Royal Holloway, University of London
De Montfort University	The University of Salford
The University of Durham	School of Oriental and African Studies (University of London)
University of East Anglia	Sheffield Hallam University
The University of Edinburgh	University of Southampton
The University of Essex	St George's, University of London
University of Exeter	(formerly St George's Hospital Medical School)
University of Glasgow	University of Surrey
Goldsmiths College (University of London)	University of Sussex
University of Greenwich	University of Wales Swansea
University of Hertfordshire	University of the Arts London
Keele University	University College London (University of London)
The University of Kent at Canterbury	The University of Warwick
King's College London (University of London)	University of Westminster