Descriptions for Year 10

Academic Electives & VCE 2015
INTRODUCTION
The Year 10 elective program at Gleneagles is made up of two elective blocks per semester, with subjects running for 5 periods each.

An important feature of the Year 10 elective program is the offering of VCE subjects. Year 10 students are being offered the opportunity to complete two units of their VCE during Year 10. The VCE subjects listed are being offered to Year 10s for 2015. What subjects run is dependent on student choice and the Year 11 blockings. Where students have selected a VCE subject that isn’t running, they will be given first priority and re-counsellled regarding other options.

Biology, Business Management, Environmental Science, Geography, History Twentieth Century, Legal Studies, Physical Education, Information Technology, Health & Human Development,

Students who choose to complete a VCE subject will be required to complete both Units 1 & 2, taking up one elective block in each semester.

ELECTIVE only PROGRAM

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<th>SEMESTER 1</th>
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<tr>
<td>ELECTIVE</td>
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ELECTIVE PROGRAM WITH THE VCE SUBJECT INCLUDED

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<th>SEMESTER 1</th>
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<tr>
<td>ELECTIVE</td>
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Each VCE unit takes 5 periods for a semester, so students can select two VCE subject.

It is important that students and parents read through the course descriptions carefully before making any decisions.

For some electives there is a need to charge a levy to cover the cost of materials, including printed matter. Please take the levy into consideration when making your choices as payment of the levy is a condition of enrolment in the subject.
A wide range of electives have been offered to ensure that students can choose courses that they would find interesting and challenging.

In 2015, Year 10 students will study:

- **English**: 5 periods per week for the year
- **Mathematics**: 5 periods per week for the year
- **Science**: 4 periods per week for the year
- **Humanities**: 4 periods per week for the year
- **Physical Education**: 2 periods per week for the year
- **Elective**: 5 periods per week for a semester
- **Elective**: 5 periods per week for a semester

The elective structure is more complex at year 10 with the inclusion of the VCE offerings. Every effort will be made to get as many students as possible their first choices but it is important that students seriously consider their extra three choices.
DESCRIPTIONS FOR YEAR 10 ELECTIVES 2015

TECHNOLOGY

Information Technology, Animation, Programming & Web Design
This course is integrated to extend and challenge student’s present knowledge and awareness of computer tools used for research, leisure, education and communication. Students will use a range of software applications and hardware to solve selected problems and create information products, animations, programmed solutions and websites for different audiences. Students will investigate and be aware of the social issues of copyright materials both in their productions and publishing on the Internet. Information Technology will provide students with the preparation for VCE Information Technology. Students will be engaged in a range of activities to:

- gather, create and organise information
- organise, analyse, present and communicate ideas
- develop draft planning techniques
- edit and manipulate photographs using appropriate software
- design solutions to problems
- Communicate information in a range of formats including text, images, graphics, photos and video.

Assessment requirements include folios, classwork, and projects on Information Technology, Animation, Programming, Web Design and Research.

Cost: $15

Technology (Wood and Metal)
In this course students will plan and construct small furniture items for the home. They will learn to prepare and construct working designs. They will investigate ways in which different materials and processes can be used in the construction of their models, and they will learn to manage tools, machinery and processes safely and efficiently. Integrated tasks will address OH&S standards, project management skills and new developments in the manufacturing industry. This subject is intended for students wishing to pursue further studies at senior levels in VCE Design and Technology, VET Building and Construction or entering a trade involving use of wood.

Cost: $40

Technology (Glass)
This course explores both cold and warm glass production. Students will be instructed in OH&S standards and they will work through a series of structured projects. They will learn to prepare designs, select appropriate glazing techniques and produce a diverse range of finished work. Students will also explore mosaic glass art and design and produce fused glass jewellery and home wares. This subject is intended for students wishing to pursue further studies at senior levels in VCE Studio Art or VET Industrial Design.

Cost: $55
Technology (Fashion Design and Construction)
During this subject students will study three key components:

History - Students will learn about the history of fashion, with a focus on the changes and development of clothing through the ages up to present time. They will look at the social, economic and cultural reasons behind fashion choices and the changes in the role of women in history and how this has been reflected in their clothing choices and options.

Fashion Design – Students will learn the different features of current major fashion houses around the world. They will also learn how to design and develop their own fashion drawing skills through the production of a detailed design folio.

Production – Students will design and produce their own garments. They will learn how to hand sew, use sewing machines, overlockers and create patterns from their designs for production. Students will be required to purchase necessary items from the booklist as well as their own fabric for their production piece.

Cost: $20

Hospitality (Create)
Students will be given the opportunity to establish and run their own restaurant on a weekly basis. Students will gain experience in foods trends, table setting, food preparation, food service and presentation. Students will be involved in four periods of practical work each week. This subject would lead to a career pathway such as being a chef, hospitality consultant, function manager or co-ordinator, dietician, nutritionist, teacher, health educator, or a food technologist.

Cost: $80

Hospitality (Food)
This course is designed to extend students’ knowledge and skills in food preparation and presentation. Other areas of study will include nutrition, health issues such as bulimia and anorexia, food safety, functions of food and factors affecting food choices. Students will undertake four periods of practical work each week where they will prepare a variety of food products. This subject would lead to career pathways in the health, hospitality and food industries such as being a hospitality consultant, chef, teacher, dietician, health educator or food technologist.

Cost: $150
**Computer Game Programming**
This course will introduce students to programming concepts and computational thinking strategies to enable students to design and develop their own computer game. Students will work individually and in teams to develop a game for different platforms and have their work documented in an e-portfolio. Students will have access to a limited suite. Students may need to pay licence fees for more advanced software.

Cost: $10

**Metal Sculpture**
This subject will introduce students to the techniques, tools, processes and safety practices used in the creation of sculptural pieces. Students will study the basics of composition and manipulation and increase their aesthetic awareness. Activities will encourage critical thinking, decision making and problem solving. Students will learn the basics of welding and forming metals, as well as analysing other works of sculpture through reading, discussion and critique.

Cost: Nil

**THE ARTS**

**Music Performance**
Students currently learning an instrument, or who intend to learn, are strongly recommended to choose this subject in order to keep their options open for VCE Music. The emphasis will be placed on practical work with students developing their skills on their instruments or voice by participating in solo or group work. Students may use this time to rehearse for upcoming performances such as Variety Night. This subject will incorporate a wide variety of listening and creative tasks, including the use of current music computer technology. Students will develop skills in composition techniques and they will be required to complete relevant theory exercises at their own level. Students will continue to develop their aural skills. Topics covered in the written component will include an introduction to Jazz and 20th Century music. The levy is required to cover the replacement of guitar strings, drum skins, headphones and other related costs.

Cost: $15
Theatre Production
An elective for students interested in Drama and the Performing Arts. In a combination of Drama and Theatre Studies, students will be involved in the direction, producing, design and performance of a class production. They will draw from their previous experience in Year 9 Drama and further learn a wide range of performance skills to confidently and successfully put on a production for an audience. Students will not only develop performance skills, dramatic techniques and team building skills but also learn about theatre stagecraft design in creating their production. These will include the design and creation of costume, sound, props, lighting, etc., culminating in a stagecraft design folio assessment. Students choosing this elective must be prepared to participate in a performance in front of various audiences. Students may also have the opportunity to see a professional theatre performance and write a review of someone else’s theatrical work.

Cost: Nil

Studio Art
Create art works in 2D and 3D. Develop drawing and construction skills using a range of techniques and materials. Students will be required to investigate and analyse the works of other artists, sculptors and art styles, past and present. Develop a folio containing the research and generation of ideas and experiments with various media. Techniques and materials applied generally include painting, pastels (wet and dry), computer images, printing, water colour pencils, collage, charcoal, inks and dyes, specialised papers, clay, hand building, under glazing, glazing, slip decoration, and using moulds. Assessment is based on a visual diary containing visual aids, construction notes, preliminary drawing and experiments, a theory component and completed finished art works.

Cost: $55
Visual Communication

Want to be a graphic designer? Visual Communication introduces students to all the basic techniques and knowledge required to create designs and drawings for commercial use. Students will learn what makes an eye catching design or logo for an advertisement or a product. They will cover drawing techniques such as those used by an architect. Students will be required to respond to design briefs and produce final designs that target the client and public’s needs. They will investigate the works of other designers and their practices, both past and present. Areas covered generally include:

- Drawing methods such as perspective and paraline
- Design principles (how to create good design in composition)
- Rendering techniques
- Design process (the steps taken to develop, experiment and perfect designs)
- Computer technology
- Use of a range of materials (markers, ink rendering, gouache)

Assessment is by visual diary containing preliminary drawings, visual aids, notes on solving design and construction, a folio of graphic finished work and an investigation based on the process of design in past and present practices.

Cost: $40

Media Reloaded (Film and Photography)

In Media Reloaded students will explore what it means to be a media creator and consumer in the digital age through the mediums of digital video and digital photography. This unit will allow students to improve their skills using the Digital SLR cameras and editing software. Media artefacts produced by Gleneagles students may be entered into competitions, exhibitions and publications. Assessments include workbook, in class projects and folio completion.

Cost: $40
**Physical Health and Fitness**

This subject will look at the human body from a health and physical fitness perspective. It will investigate how the body changes and develops as it moves through the different stages of life as well as how the body responds and develops due to physical activity. It will look at Health topics such as human development, nutrition, agencies involved in health promotion and specific health issues throughout the lifespan. Students will explore Physical Education topics such as body systems (muscular, circulatory, respiratory and skeletal systems), fitness components, energy systems and training principles.

This subject is designed to prepare students for VCE Health and Human Development and Physical Education. It would suit students who are interested in a future career pathway in health science, sports science, human movement, teaching, health promotion, nutrition or as a dietician.

Cost: Nil

**Principles of Sport**

This course will be structured so that one double period will be timetabled against Year 7 Sport Education. Students will nominate two sports in which they wish to develop specific coaching skills. They will work as peer teachers in pairs or groups of three each term for a different sporting group. Theory classes will be allocated weekly for students to write up lesson plans. They will be given access to coaching manuals and resources and will be required to evaluate previous lessons and plan accordingly. Sport Education staff will be given an evaluation sheet to assist students to become effective coaches. All students will have the opportunity to attain their Level O accreditation through the accredited sporting organisation in a chosen sport. Students will also be exposed to an Event Management component during the course in which they will work closely with the teacher and wider school community to help implement whole school events and support the Gleneagles House System.

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<th>Semester 1</th>
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<tr>
<td>Level O accreditation</td>
<td>Football (AFL)</td>
<td>Basketball (Victorian Basketball Association)</td>
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<tr>
<td>(coaching/umpiring)</td>
<td>Grid games at MCG</td>
<td>Netball (Victorian Netball Association)</td>
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<td>Cricket (Victorian Cricket Association)</td>
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<tr>
<td>Event Management</td>
<td>Swimming Carnival</td>
<td>Athletics Carnival</td>
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<td>Cross Country Carnival</td>
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This subject is suited to students looking at a career in the Sporting Industry. It gives students the opportunity of broadening their interests in a variety of sports while gaining valuable exposure to many aspects of the sporting industry.

The levy covers the cost of necessary equipment, photocopying, lesson plan booklet, coaching manuals, whistle and level O accreditation.

Cost: $50
Sports Analysis

This elective is based on an in-depth analysis of the world game of football. Part of the unit is practical-based in order to further develop previously acquired skills, strategies and tactics. These sessions will be taught by a fully UEFA qualified coach who played the game at a world class standard and currently coaches teams in Australia. He also has an understanding of paths available for individual players.

Fitness and Sports Science are the other areas that students will participate in, as well as some basic first aid relevant to this sport. Students will also complete the Level O refereeing course which will allow them to referee some junior matches.

Cost: $55

LANGUAGES & EAL

Learning another language is about recognising one of the realities of life – 94% of the world’s population (or about 6.15 billion people) currently speak a language other than English. Through learning languages students can understand and value their own culture and the cultures of other people, so that they can view the world from a wider perspective.

LOTE – German

This subject is a whole year course for Year 10 students and is designed to equip students with the skills and knowledge necessary to achieve success in VCE LOTE. At VCE level, a few subjects attract bonus marks and LOTE is one of them. Students can improve their VCE ENTER score by learning a LOTE. Over two semesters, students will improve their grammatical accuracy, oral and written fluency as well as listening and reading comprehension through the study of a variety of topics and integrated grammar. A range of resources will be used, including movies, television programs, songs and authentic texts, giving students the opportunity to become more familiar with the culture of the countries whose language they are studying. Students will use ICT to expand their skills and competencies in the chosen language, particularly to assist in developing their listening, reading and writing skills. Excursions will expose students to the language beyond the classroom.

Cost: Nil
LOTE – Indonesian
This subject is a whole year course for Year 10 students and is designed to equip students with the skills and knowledge necessary to achieve success in VCE LOTE. At VCE level, a few subjects attract bonus marks and LOTE is one of them. Students can improve their VCE ENTER score by learning a LOTE. Over two semesters, students will improve their grammatical accuracy, oral and written fluency as well as listening and reading comprehension through the study of a variety of topics and integrated grammar. A range of resources will be used, including movies, T.V. programs, songs and authentic texts, giving the students the opportunity to become more familiar with the culture of the countries whose language they are studying. Students will use ICT to expand their skills and competencies in the chosen language, particularly to assist in developing their listening, reading and writing skills. Excursions will expose students to the language beyond the classroom.

Cost: Nil

EAL (English as an additional language)
ESL is designed to assist students from a non-English speaking background to improve their English language skills. Students who have been living in Australia for less than seven years and are from a non-English speaking background are eligible to enrol in this unit. In some cases, students who are not automatically eligible may be able to select this subject. It aims to increase the student’s English language communication and written skills through a variety of activities and experiences, so that the student can interact meaningfully in school-based and interpersonal contexts. Fieldwork and excursions provide the opportunity to interact with the wider school community.

Cost: Nil
Science Skills
This elective offers students the opportunity to develop the scientific skills necessary to demonstrate the knowledge they will gain over the course of their VCE science studies. The subjects seeks to provide improved scientific literacy by focusing on common student weaknesses ranging from experimental report writing to the interpretation of scientific literature and exam questions. Students will also have the opportunity to improve their general practical skills by trialling a range of equipment and procedures that they will be required to perform in future science studies. These skills will include everything from outdoor field work through to intricate and precise procedures in the science laboratory.

The range of topics covered in the subject include: practical report writing, scientific research, interpreting scientific literature, scientific referencing, interpreting exam questions, data analysis for practical discussion, practical field work for biology/environmental science involving quadrats, soil testing and data collection, use of specific chemistry equipment in the area of titration and the use of physics specific equipment, such as laser lights, Geiger counters and radio isotopic materials.

Cost: Nil

Psychology
Have you ever wondered about what determines happiness or meaning in life, your personality and intelligence, how the brain influences behaviour, how we use motivation to achieve goals in sports and other aspects of daily life, what your dreams mean and why some people commit crimes?

In this introductory Psychology subject, students will examine a range of topics including personality, neuropsychology, forensic psychology, sports psychology, scientific method and report writing, dreams, abnormal behaviours such as phobias, mental health disorders and positive psychology. It is designed as a subject to prepare students who intend to study Psychology at VCE level by equipping them with a foundation of skills and knowledge necessary to succeed within VCE Psychology studies. It is a subject that would suit a student intending to pursue careers in business, health care, personal services, management, education or any field which involves significant interaction with people.

Cost: Nil

Maths Enhancement
This subject will provide preparation for high-achieving students who are wishing to study Mathematical Methods in VCE and possibly Specialist Mathematics in Year 12. Students will have the opportunity to preview many of the topics that are studied in these subjects. Topics that will be studied include: Surds, Matrices, Unit circle, Polynomials and transformation of functions. Students will use a CAS calculator in this course to further enhance their technology skills. Interested students should be capable and interested in mathematics, with the intention of studying it at VCE.

Cost: Nil
**Commerce/Law**
This subject is designed to focus on development of skills and knowledge in preparation for studies at VCE level in Business Management and Legal Studies. The range of activities reinforces learning and understanding of these subjects to give students a taste of potential future pathways at VCE. Skills relevant to both VCE subjects include examining real-life case studies, applying legal and business theory to cases, critical thinking and key vocabulary belonging to the business and legal professions. A range of topics include criminal and civil law, famous criminal trials, types of criminal and civil law, managing a small business, enterprise and innovation.

Cost: Nil

**Global Studies**
This subject is designed to focus on development of skills and knowledge in preparation for studies at VCE level in History, Geography, and Global Politics.

Skills will be developed in general knowledge of international issues in the past and present, spatial concepts and geographic characteristics, preparing historiographies, critical analysis of a variety of sources both visual and text based, evaluation of evidence and development of justified contentions, considering a variety of perspectives of an issue and written expression of knowledge and viewpoints.

A range of topics will be introduced including the natural environment, crises and conflicts from the 20th Century to the present day, key political leaders, forms of government, power and influence on society, youth issues in Australian society, the role of family, education and the workplace in Australia.

Cost: Nil
**Catch Up Maths**
This course is designed to provide support for students who have experienced difficulties with some aspects of their Mathematics or have gaps in their understanding. It is aimed to provide students with greater opportunity for review and consolidation of the material covered to achieve a strong foundation in essential maths skills.

**Environmental Science**
Are you concerned about the Planet generation X will inherit? Are you curious about Climate change, our rapidly changing planet and other key environmental issues of the 21st Century? If yes then Environmental Science is for you! We will focus on the diversity in ecosystems, understanding populations, and water and land sustainability. We will discuss and explore many complex and interrelated social, ethical and scientific elements, as well as various Biological and Chemical concepts whilst enhancing your critical thinking, scientific analysis and problem solving skills. We explore energy resources and the complexity of human impact on the environment and the influence the environment has on humans. A great introduction to a field that is increasingly in the spotlight.

**Literature**
The study of literature focuses on the enjoyment and appreciation of reading that arises from discussion, debate and the challenge of exploring the meaning of literary texts. Students reflect on their own and the interpretations of others. This elective will develop essential skills for students interested in studying VCE Literature. Students will be expected to read and review a variety of novels, plays, poetry, films and essays.

**Linguistics**
The study of linguistics focuses on the fundamentals of language and how it has evolved over time. Students will be expected to analyse structures, features and functions of spoken and written English. They will investigate language changes and must be able to identify the various parts of speech. This elective will develop essential skills for students interested in studying VCE Language.
VCE SUBJECTS

Information Technology Units 1 & 2  
Cost: $40

Physical Education Units 1 & 2  
Cost: $40

Business Management Units 1 & 2  
Cost: Nil

Biology Units 1 & 2  
Cost: Nil

Health & Human Development Units 1 & 2  
Cost: Nil

Geography Unit 1&2  
Cost: Nil

Environmental Science Unit 1&2  
Cost: Nil

History 20th Century Unit 1&2  
Cost: Nil

Legal Studies Unit 1&2  
Cost: Nil
VCE Information Technology focuses on the processing of data and the management of information and information systems. VCE Information Technology encompasses information systems and how people interact with information technology to create structured information and to connect with others to exchange information. It encompasses the theoretical foundations of computation and techniques for writing programs and developing solutions. It also focuses on how the needs of individuals, organisations, communities and society are met through the combination of ICT and meaningful information. VCE Information Technology equips students with appropriate knowledge and skills to use ICT responsibly and to make informed personal and workplace choices about developments in this exciting field. Students are encouraged to orient themselves towards the future, with an awareness of the technical and societal implications of ICT.

VCE Information Technology provides pathways to further studies in IT and to careers in ICT-based areas. It also prepares students for programs that require an IT-related subject or for a range of careers that require efficient and effective use of ICT.

**PRE-REQUISITES:** Satisfactorily completing Year 10

**UNIT OVERVIEW**

Students will learn and employ the Problem Solving Methodology to design and create a range of information solutions, including data visualisations, websites, and computer programs, in order to meet the needs of given communities. Students will also research and analyse a range of contemporary issues in IT, explore networking technologies, and investigate career pathways in the field of Information and Communication Technology.

**TOPIC/THEMES YOU WILL STUDY**

- Problem solving methodology
- Networking technologies
- Design elements and design tools
- Spreadsheet functions and formulas
- Testing and validation techniques
- Website design
- Data visualisation
- Computer programming
- Contemporary issues in ICT
- Career pathways in ICT

**ASSESSMENT TASKS may include:**

- Case Studies
- Tests
- Quizzes
- Activities
- Written reports
- Exercises
### SCOPE OF STUDY
The study enables the integration of theoretical knowledge with practical application through participation in physical activities. There are opportunities for students to apply theoretical concepts and reflect critically on factors that affect all levels of performance and participation. This VCE study is suitable for students with a wide range of aspirations, including those who wish to pursue further formal study at tertiary level or in vocational education and training settings. The study prepares students for such fields as the health sciences, exercise science and education.

### PRE-REQUISITES: Satisfactorily completing Year 10

### UNIT OVERVIEW

**Unit 1: Bodies in motion**
In this unit students explore how the body systems work together to produce movement and analyse this motion using biomechanical principles. They are introduced to the aerobic and anaerobic pathways utilised to provide the muscles with the energy required for movement and the basic characteristics of each pathway.

**Unit 2: Sports coaching and physically active lifestyles**
This unit explores a range of coaching practices and their contribution to effective coaching and improved performance of an athlete. The approach a coach uses, the methods applied and the skills used will have an impact on the degree of improvement experienced by an athlete.

### TOPIC/THEMES YOU WILL STUDY

- Body systems and human movement
- Biomechanical movement principles
- Technological advancements
- Injury prevention
- Effective coaching practices
- Physically active lifestyles
- Promoting active living
- Decision making in sport

### ASSESSMENT TASKS May include:
A combination of the following:

- Tests
- Exercises
- Reports
- LAB reports
- Presentations
- Research tasks
- Written Examination
VCE Business Management examines the ways in which people at various levels within a business organisation manage resources to achieve the objectives of the organisation. Students develop an understanding of the complexity, challenges and rewards that come from business management and gain an insight into the various ways resources can be managed in small, medium and large-scale organisations.

The study recognises that there is a range of management theories. In each unit students examine some of these theories and, through exposure to real business scenarios and direct contact with business, compare them with management in practice.

In studying VCE Business Management, students develop knowledge and skills that enhance their confidence and ability to participate effectively, as socially responsible and ethical members of the business community, and as informed citizens, consumers and investors.

**PRE-REQUISITES:** Satisfactorily completing Year 10

### UNIT OVERVIEW

**Unit 1: Small Business Management**

In Unit 1 students will look at the characteristics of a small business. They will also examine the internal and external environments in the aim of understanding the nature of business in Australia. Students will look at the various stakeholders and issues such the importance of business ethics and corporate social responsibility.

**Unit 2: Communication and Management**

This unit focus on the importance of decision making in a business. They will look at the way communication plays a role in both the internal and external environments of a business. Students will be introduced to both marketing and public relations and how both have an important role in the success of a business.

**TOPIC/DEPENDENCIES YOU WILL STUDY**

- Introducing business
- Small business decision making and planning
- Day-to-day operations
- Communication in business
- Managing the marketing function
- Managing the public relation function

**ASSESSMENT TASKS may include**

- Reports
- Case studies
- Small business plan
- Running a small business (e.g. Market Day)
- Tests
- Essays
- Written examination
**SCOPE OF STUDY**

Biology is the study of living things from familiar, complex multicellular organisms that live in the many different habitats of our biosphere to single celled micro-organisms that live in seemingly inhospitable conditions.

Modern biology draws on increasingly specialised fields of bioscience such as biochemistry, neuroscience, genetics, evolutionary biology, behavioural science, and cell and molecular biology including studies of genomics and proteomics. It makes connections between these fields and the disciplines of physics, chemistry, earth science and space sciences in exploring the nature of past and present life, and the possibility of life forms beyond our planet.

The study of biology prepares students for continuing studies in bioscience and entry into the workforce in a wide range of careers, including those not normally thought of as depending on bioscience. Much of our economic activity is generated through advances in bioscience research, in environmental, medical and associated biotechnologies, and in parallel sciences such as bioinformatics.

**PRE-REQUISITES:**
- Unit 1: Satisfactorily completing Year 10
- Unit 2: Unit 1 Biology

**UNIT OVERVIEW**

**Unit 1: Unity and diversity**
This unit focuses on living organisms starting at the molecular level. Students will investigate the structure and function of various cell types and identify cell function based on their specialisations. Further to the idea of specialisation, students will explore the various body systems and how they differ across organisms.

**Unit 2: Organisms and their environment**
Over the course of this unit, students will investigate the rich diversity of organisms and the ecosystems in which they inhabit. They will develop an understanding of the processes by which an organism’s internal environment is maintained and explore the strategies employed by various organisms for survival.

**TOPIC/THEMES YOU WILL STUDY**
- Cell structure and function
- Photosynthesis and Cellular Respiration
- Cell Division
- Obtaining Nutrients
- Body Systems
- Adaptations to environments
- Homeostasis
- Ecosystems

**ASSESSMENT TASKS may include:**
- Practical investigations
- Multimedia Presentations
- Topic Tests
- Response to Media Articles
- Field Reports
**SCOPE OF STUDY**

Health is a dynamic condition that is influenced by complex interrelationships between individuals and biomedical and behavioural factors, as well as physical and social environments. These interrelationships are reflected in a social view of health that sees health as being created in the settings where people live and work.

This social view of health recognises the need for personal skills development, the importance of empowering communities to take action to promote health, the creation of social and physical environments that are supportive of health and development, an awareness of the impacts on health of public policies and the need for health services to be oriented towards health promotion and the prevention of ill health.

**PRE- REQUISITES:** Satisfactorily completing Year 10

**UNIT OVERVIEW**

**UNIT 1:** The health and development of Australia’s youth

This unit focuses on the health and individual human development of Australia’s youth.

There are many factors that influence health and individual human development of youth, including the importance of nutrition for the provision of energy and growth as well as food behaviours and their impact on youth health and individual human development.

In this unit students identify issues that impact on the health and individual human development of Australia’s youth. Students investigate one health issue in detail and analyse personal, community and government strategies or programs that affect youth health and individual human development.

**UNIT 2:** Individual human development and health issues

This unit focuses on the lifespan stages of childhood and adulthood. Health and development during childhood has been identified as having a significant impact on both health and development throughout the rest of the lifespan. There are many determinants of health and development of Australia’s children; however, social environments such as the family and community are crucial, as children develop through their relationships with others.

The lifespan stage of adulthood represents a period of great diversity. The period of adulthood commonly spans a time frame of over sixty years. The health and individual human development of this group can vary considerably and is influenced by a range of determinants, which include biological and behavioural factors, as well as physical and social environments.

**TOPIC/THEMES YOU WILL STUDY**

- Understanding health and development
- Youth health and development
- Health issues for Australia’s youth
- The health and development of Australia’s children
- Adult health and development
- Health issues

**ASSESSMENT TASKS may include:**

- Case Study
- Data Analysis
- Test
- Written Report
- Laboratory Reports
- Written Examination
## GEOGRAPHY

### SCOPE OF STUDY

Geography is the study of where geographical features are located and why they are there, what makes one place different from another, and how and why these differences matter. It looks at the interaction between human activities and natural processes, and develops understanding of the distribution of human and natural phenomena on or near the surface of the Earth from a spatial perspective.

The purpose of this study is to develop in students an ability to see meaning in the arrangement of natural and human phenomena in space; to see and understand the interrelationships between people, places and environments; and to use geographic skills and apply spatial perspectives to describe and interpret patterns on the surface of the Earth and the processes that created them.

### PRE-REQUISITES:
- Unit 1: Satisfactorily completing Year 10
- Unit 2: Unit 1 Geography

### UNIT OVERVIEW

#### Unit 1: Natural environments

This unit focuses on the geographic features of natural environments and landforms and the natural processes that shape and change the Earth. Students will investigate natural processes, including extreme natural events; volcanoes and human interferences that create and change landforms and environments. Changes in areas such as coastlines are explored through exploring erosion, weathering, pollution, tourism and industry.

#### Unit 2: Human Environments

This unit investigates rural and urban environments, which vary significantly from place to place and across a variety of scales. The size and contrast from individual farmhouses to small villages, regional towns, large metropolitan cities and mega cities is explored. Students will investigate both rural and urban locations in Australia and overseas, how people live, work and interact in these environments.

### TOPIC/THEMES YOU WILL STUDY

- The Earth’s 4 systems
- Geographic characteristics of environments
- Natural processes that create environments
- Volcanic environments
- Coastal systems
- Mapping skills
- Management of environmental systems

### ASSESSMENT TASKS may include:

- Tests
- Fieldwork and Fieldwork reports
- Data analysis
- Case studies
- Multimedia presentation
- Exam
## ENVIRONMENTAL SCIENCE

### SCOPE OF STUDY

Environmental Science provides the opportunity for students to understand the structure, function and diversity of natural ecosystems on this planet and evaluate the impacts of human activities on them. Students examine strategies to maintain and protect the ecological health of the environment while meeting the needs and desires of human populations.

Environmental Science investigates the interactions between natural and human systems. This study examines the application of environmental science to ecologically sustainable development and environmental management. Students should understand the values and attitudes that underpin environmental decisions and reflect on effective ways for modifying behaviour of individuals and groups for positive environmental outcomes.

While undertaking this study, students will develop skills in practical scientific investigations, environmental fieldwork techniques, report writing, research and analysis.

### PRE-REQUISITES:
- Unit 1: Satisfactorily completing Year 10
- Unit 2: Unit 1 Environmental Science

### UNIT OVERVIEW

#### Unit 1: The Environment

This unit focuses on the environment and its components. Ecosystems and the interactions within and between components will be investigated. The effects of natural and human-induced changes in ecosystems.

#### Unit 2: Monitoring the Environment

How to monitor the environment. Identifying indicators and types of collection methods. Using different collection methods.

### TOPIC/THEMES YOU WILL STUDY

- Environments and Ecosystems
- The Sun as an energy source
- Nutrient Cycles
- The Earth’s spheres
- Fieldwork
- Human impact on environment

### ASSESSMENT TASKS may include:

- Practical work
- Field work
- Topic tests
- Exam
SCOPE OF STUDY
The first half of the twentieth century was marked by significant change. From the late nineteenth century up to World War I there was still a sense of a certain and natural order of society. This order was challenged and overturned. Old certainties were replaced by new uncertainties as new movements and organisations emerged in response to economic, social and political crises and conflicts. Revolution, civil war and international conflict overshadowed the first fifty years of the twentieth century. Many of the recurring conflicts of the twentieth century had their origins in the post-World War I political treaties and agreements. These saw the creation of new states and new borders within Europe, Asia and Africa. This was particularly true for the Middle East. Students analyse some of the major themes and principal events of post-World War II history, and the ways in which individuals and communities responded to the political, economic, social and technological developments in domestic, regional and international settings.12

PRE-REQUISITES: Unit 1: Satisfactorily completing Year 10
UNIT OVERVIEW
Unit 1: Twentieth Century History 1900-1945
This unit focuses on the significant changes that occurred during the first half of the twentieth century. Students look at tradition and new movements, changes in daily life, change through political and social development and advances in science and technology. Students examine the way people’s lives were affected by these changes.

Unit 2: Twentieth Century History 1945-2000
This unit focuses on what the world looked like after World War II, the implications of war technologies and the changes that occurred to human rights. Students look at the role of the United Nations in improving the quality of life for all humankind and the need to implement a global approach to all issues.

TOPIC/THEMES YOU WILL STUDY
• Traditional order
• World War I
• The Depression
• Nazi Germany
• World War II
• Art and Culture
• Cold War
• Vietnam
• Middle East
• Rights Movements

ASSESSMENT TASKS may include:
• Essay
• Oral Presentations
• Tests
• Multimedia Presentations
• Research Reports
• Document Analysis
• Film Review
• Exam
**LEGAL STUDIES**

**SCOPE OF STUDY**

VCE Legal Studies investigates the ways in which the law and the legal system relate to and serve individuals and the community. This knowledge is central to understanding the workings of contemporary Australian society.

Legal Studies examines the processes of law-making, dispute resolution and the administration of justice in Australia. Students develop an understanding of the impact of the legal system on the lives of citizens, and the implications of legal decisions and outcomes on Australian society. The study provides students with an appreciation of how individuals can be involved in decision-making within the legal system, encouraging civic engagement and helping them to become more informed and active citizens. Students develop an understanding of the complexity of the law and the legal system and the challenges faced by our law-makers and dispute resolution bodies. They investigate the workings of the Australian legal system and undertake comparisons with international structures and procedures. Students are encouraged to question these systems and develop informed judgments about their effectiveness, as well as consider reforms to the law and the legal system.

Students develop an ability to identify, collect and process information from a range of sources and engage in its interpretation and analysis. Skills for independent inquiry, critical thinking and legal reasoning to solve legal problems are also fostered. Students are required to apply legal reasoning and decision-making to contemporary cases and issues. They engage in analysis and evaluation of existing legal processes and form opinions about the operation of the legal system.

**PRE-REQUISITES:** Satisfactorily completing Year 10

**UNIT OVERVIEW**

**Unit 1: Criminal law in action**

This unit focuses on the need for effective laws in society. Students investigate the key features of criminal law, how it is enforced and adjudicated and possible outcomes and impacts of crime. They learn about different types of crimes and explore rights and responsibilities under criminal law. Students also consider the role of parliament and subordinate authorities in law-making. They investigate court processes and procedures in hearing and resolving criminal cases. Students also explore the main features and operations of criminal courts.

**Unit 2: Issues in civil law**

This unit focuses on civil laws such as negligence and how civil disputes are solved. Another area of civil law is then studied in more detail; contract law, family law, workplace law, sports and the law or environmental law. Finally, students study an Australian case that illustrates rights issues and the empowerment of people, and its impact on the legal system. Within this area, students investigate the role of the individuals/groups, the facts and central issues to the case, conflicting attitudes, relevant laws and the outcome of the case and its impact on the legal system and the rights of individuals.

**TOPIC/THEMES YOU WILL STUDY**

- Legal and non-legal rules
- Law-making – parliament, courts/judges and subordinate authorities
- Criminal law
- Dealing with police
- Courts
- Adversary system
- Juries
- Civil law
- Abuse of individual/group’s rights

**ASSESSMENT TASKS** may include:

- Folio and report
- Mock court
- Tests
- Structured questions
- Case studies
- Written examination
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