

INTERNATIONAL BACCALAUREATE

YEARS 12 AND 13



LE RÉGENT
CRANS MONTANA COLLEGE
Switzerland 





CONTENTS

Life at Le Régent College in Years 12 and 13	4
International Baccalaureate (IB)	6
IB Diploma Programme Curriculum	8
Group 1 – Studies in Language & Literature	10
Group 2 – Language Acquisition	12
Group 3 – Individuals & Societies	14
Group 4 – Sciences	18
Group 5 – Mathematics	20
Group 6 – Arts	22
The IB Diploma Programme Core	24
Library Resources	26
University Guidance	28

We produce well-rounded, internationally-minded young men and women, through a rigorous approach to teaching and learning, which culminates with the IB Diploma Programme in Years 12 and 13. It is a privilege for us to prepare our students to be equipped with the skills they will need for life in the 21st Century, enabling them to compete in a globalised world and marketplace. At the core of our educational philosophy are our four pillars: COURTESY, COMPASSION, CREATIVITY and COURAGE.

WHY CHOOSE THE IB DIPLOMA PROGRAMME?

We offer the IB Diploma Programme as our sole curriculum in Years 12 and 13. It provides much more than a set of examination results. The IB Diploma is a holistic educational programme recognized by all major universities and employers throughout the world. It encourages students to develop skills and knowledge as learners, enabling them to be prepared for life and work in

the 21st Century, through the promotion of intercultural understanding and respect. It is a highly regarded post-16 educational programme that develops academic rigour and balanced, well-rounded individuals. International mindedness is central to our College approach to teaching and learning. We think and work internationally, both globally and locally. We welcome a variety of cultures, languages and experiences into our community and we acknowledge cultural diversity in the world in which we live. We embrace the IB mission statement alongside our own educational philosophy.

TOWARDS INDEPENDENCE

In Years 12 and 13, IB students experience greater autonomy and more privileges as they grow into independent, internationally minded learners with a dedicated work ethic. Dedicated collaborative work spaces, as well as our magnificent open plan library, are made available to our IB Diploma Programme students. This serves

as an excellent foundation for university education. Their school uniform differs from that of their younger peers, allowing them to feel and look like young adults and role models. There is increased freedom and we encourage students to socialise together within and outside of the College grounds. Our teachers develop relationships with our young adults which are based on trust. The tutorial system is set up on a one-to-one basis so that students can explore and discuss openly topics and issues with their tutors. We place an emphasis on relationships with other students as well as teachers, both formally and informally through our boarding houses, enabling students to become more mature and feel fully prepared for life beyond Le Régent College. Year 12 students are permitted to open their own bank account (managed under school supervision).

LIFE AT LE RÉGENT COLLEGE

IN YEARS 12 AND 13



LE RÉGENT COLLEGE

INTERNATIONAL

THE IB MISSION STATEMENT

'The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment, encouraging students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.'

THE IB LEARNER PROFILE

To develop active, compassionate and lifelong learners, the IB Diploma Programme fosters a distinctive set of attributes. These qualities are embodied in the IB learner profile to prepare IB students to make exceptional contributions to the local community and wider society.

By educating students we believe that we can create a better world. The IB learner profile attributes express this in action. We develop and educate young, internationally minded people through life experiences that allow them to develop as **inquirers**, to be **knowledgeable**, **open-minded thinkers** and **communicators**, who are also **caring**, **principled**, **balanced** and **reflective risk-takers**.

AS IB LEARNERS WE STRIVE TO BE:

INQUIRERS

We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

PRINCIPLED

We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

CARING

We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.



BACCALAUREATE

RISK-TAKERS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

BALANCED

We understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.

REFLECTIVE

We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.



IB DIPLOMA PROGRAMME CURRICULUM

The IB Diploma Programme is made up of the Diploma Programme Core and six subject groups. Students choose three subjects at Standard Level (SL) and three subjects at Higher Level (HL), one from each subject group. It is possible to study a second subject from Group 2, 3 or 4. Each subject (at HL and SL) is worth a maximum of 7 points, and the Core is worth a further 3 points, making a total of 45 points. To pass the Diploma, students must gain at least 24 points.

THE SIX SUBJECT GROUP CATEGORIES ARE

Group 1 - STUDIES IN LANGUAGE & LITERATURE

Group 2 - LANGUAGE ACQUISITION

Group 3 - INDIVIDUALS & SOCIETIES

Group 4 - SCIENCES

Group 5 - MATHEMATICS

Group 6 - THE ARTS





me

GROUP 1



LE RÉGENT COLLEGE

STUDIES IN LANGUAGE & LITERATURE

WHY STUDY LANGUAGE AND LITERATURE?

Meaning is not fixed. Language is not fixed. Interpretation will vary according to the person who encounters a text and the time in which it is produced or experienced. You will develop your powers of expression both in speaking and writing. Your study on this course will enable you to appreciate the complexity of language, its wealth and its subtleties in a variety of contexts.

WHAT IS THE VALUE OF LANGUAGE AND LITERATURE?

Exploring and analysing the written word empowers every learner. You will consider how a text is constructed, evaluate its impact and then apply that knowledge to the creation of new speeches and a variety of written pieces. This is a life skill which is relevant to any future career or course of study.

WHAT SKILLS WILL YOU DEVELOP?

- A life-long love of literature and language
- Skills in literary criticism using a range of texts from different periods, styles and genres
- Strong powers of expression, both written and oral
- The techniques needed for the critical analysis of communication
- Becoming alert to interactions between text, audience and purpose
- The ability to engage in close critical analysis
- A deeper appreciation of the different perspectives of people from other cultures, and how these perspectives construct meaning

There is also an opportunity to develop your understanding of Language and Literature in your native tongue. This *self-taught option* would be at Standard Level with specialist tutorial support (extra charge), and allow you to work towards the *Bilingual Diploma Programme*.

GROUP 2



LE RÉGENT COLLEGE

WHY STUDY A FOREIGN LANGUAGE?

French, German, Spanish and Mandarin are widely spoken throughout the world and it is essential for anybody living in the 21st century to communicate meaningfully with people from a variety of countries and nationalities. The wider cultural understanding is also invaluable in our increasingly globalised world and this can be enhanced through the acquisition of a range of linguistic skills.

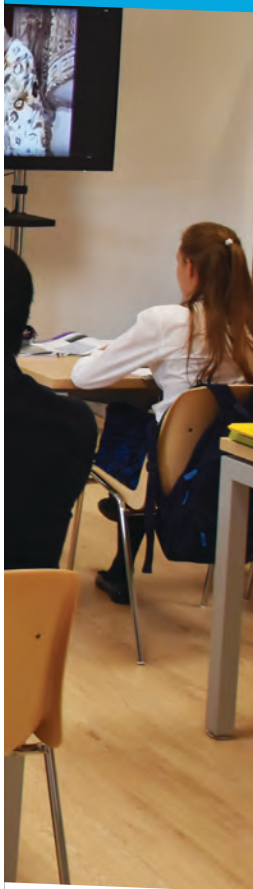
Students are given the wonderful opportunity to further develop their global communication skills by studying an additional foreign language ab-initio. It is very exciting and rewarding to learn a language you have no experience of. This option is only available at Standard Level.

WHAT IS THE VALUE OF LEARNING A FOREIGN LANGUAGE?

You will learn to develop a spoken foreign language beyond the level of IGCSE and be able to hold an in-depth conversation in a variety of different situations. You will develop skills in listening, reading and writing and you will come to appreciate the beauty of a different culture in the countries where the foreign language is spoken.

WHAT SKILLS WILL YOU DEVELOP?

The ability to use and communicate in another language is a significant advantage in the workplace. Languages combine well with all subjects and can be a considerable asset when applying to university. Being able to communicate in a foreign language is a lifelong skill, that employers rate highly.



WHY STUDY HISTORY?

History creates an understanding of the nature of different cultures around the world and their national traditions. It allows you to explore not only cultural history but political, economic, social and military history while developing respect for evidence, unfamiliar values and historical contexts.

WHAT IS THE VALUE OF HISTORY?

History prepares you to write concisely and effectively, to build up rigorous arguments from all sides based on thorough analysis of the significance of key points and come to a well informed and solid conclusion. This skill is transferable to many professions such as law, politics, journalism and creative writing.

WHAT SKILLS WILL YOU DEVELOP?

You will develop an understanding of, and continuing interest in, the past and will be encouraged to engage with multiple perspectives to appreciate the complex nature of historical concepts, issues, events and developments. History promotes international mindedness through the study of History from more than one region in the world. Students will develop the qualities of judgement and perception whilst analysing evidence, which will develop intellectual independence.

WHY STUDY GEOGRAPHY?

Geography aims to develop the understanding of geographical facts in all forms, with a particular emphasis on the way in which humans interact with their environment. Students will develop an understanding of the interdependencies that exist within the world and learn about sustainable approaches to managing environmental challenges. Geography is intrinsically an international subject and this idea is reinforced through the study of different areas of the world.

WHAT IS THE VALUE OF GEOGRAPHY?

Geography tackles global and local issues that are relevant to people and places. The study of Geography enables discussion, analysis and evaluation of the world in the 21st Century. This course links social, human, political, historical, physical and environmental concepts. Places are brought together through the learning and understanding of up-to-date, real-life case studies.

WHAT SKILLS WILL YOU DEVELOP?

Geographical skills are integrated throughout the two-year course. The IB Geography Internal Assessment is based on an enquiry fieldwork investigation. This gives students the tools and skills required to research and write an individual geographical study using appropriate methodologies and techniques of geographical enquiry and evaluation.



INDIVIDUALS & SOCIETIES ¹



WHY STUDY BUSINESS MANAGEMENT?

The Business Management course is designed to develop your knowledge and understanding of business management theories as well as your ability to apply a range of tools and techniques. It examines how business decisions are influenced by internal and external factors, and how these decisions impact upon stakeholders.

WHAT IS THE VALUE OF BUSINESS MANAGEMENT?

The course gives students an international perspective and encourages an appreciation of cultural diversity among different types of business organisations. It promotes the ideals of international cooperation and responsible citizenship. Students are encouraged to make sense of the forces and circumstances that drive and restrain change in a multicultural world.

WHAT SKILLS WILL YOU DEVELOP?

You will develop transferable skills relevant to today's world. These include the ability to think critically, make ethically sound and well-informed decisions, appreciate the pace, nature and significance of change and think strategically.

WHY STUDY ECONOMICS?

Economics is the study of how societies, governments, businesses, households and individuals allocate their scarce resources. Economists have developed conceptual models of behaviour in order to predict responses to changes in policy and market conditions that happen in real life. This course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments and societies.

WHAT IS THE VALUE OF ECONOMICS?

Economics is a social science, and this means that it will equip you with the essential skills to make financial and business decisions in everyday life. It will help you to question the desirability of a particular foreign investment opportunity and to position a business for optimum success. You will also be able to analyse and evaluate the impact of decisions and policies created by central governments on your life.

INDIVIDUALS & SOCIETIES ²

WHAT SKILLS WILL YOU DEVELOP?

Economics will give you the ability to be persuasive, using good essay technique and quantitative analysis in the form of calculations and graphs. Economics is a great example of a practical application of Mathematics and Statistics. It is a highly respected subject in the job market and it is a useful tool in forming policies to reduce crime, pollution, and poverty. This course is an excellent preparation for further studies at university in Economics, Law, Geography, Sociology, Mathematics or Business.



GROUP 4

All science courses in the IB share a common structure. Each is in three parts:

- A core of material that is studied at both Higher and Standard Levels
- Additional Higher Level material
- Options, which may be for Standard Level only, Higher Level only, or for both Levels

WHY STUDY SCIENCE?

Science is able to inform problem solving and decision making in many areas of life. Many of the major challenges and opportunities that confront our world need to be approached from a scientific perspective, taking into account social and ethical considerations. The Sciences are international subjects which tackle global issues and enable students to make cross curricular links within their IB curriculum.

The science of **Biology** continues on an inexorable rise which can be traced back to the elucidation of the structure of DNA in 1953. With a rapid pace of advance in such areas as molecular biology, biologists have never been in greater demand.

From the moment you are born, and throughout your life, you are surrounded by chemistry.

Chemistry is the study of substances, interactions and relationships. Whether you want to care for penguin colonies in Antarctica or work in a dynamic business environment, Chemistry can help you achieve your goals.

Physics seeks to answer questions about the nature of our universe. From the origins of the cosmos, down to the particles that form the building blocks of matter, this is an exciting, valuable and rewarding course.

Environmental Systems and Societies is a broad course which aims to give you an understanding of scientific method whilst at the same time heightening your awareness of the multidisciplinary (biological, geographical, political, economic, social and historical) aspects of environmental issues.

LE RÉGENT COLLEGE





WHAT IS THE VALUE OF SCIENCE?

In **Biology** you will study the science of living things and how they function. The Core includes Cells, Genetics, Ecology and Human Physiology. The additional material takes these further, and adds some more, such as Plant Science, and Defence Against Disease. Linking themes are Structure and Function; Universality versus Diversity; Equilibrium within Systems; and Evolution.

In **Chemistry** you will study materials and the conversion of substances from one to another. Core and Additional Higher-Level material includes important themes such as Atomic Theory, Bonding and Structure, the Periodic Table, Acid-Base and Oxidation-Reduction Behaviour, Energetics, Equilibrium, and Organic Chemistry.

In **Physics** you will study the properties and interactions of matter and energy. Core and Additional Higher Level: these introduce the central concepts of Mechanics; Atomic and Nuclear Physics; Waves; Thermal Physics; Electricity and Magnetism.

In **Environmental Systems and Societies (ESS)** the areas studied are: Ecological Principles, Ecosystems, Conservation and Biodiversity, Pollution, Population and Resources. This is an interdisciplinary course which can be studied in Groups 3, 4 or 6. ESS is only available at Standard Level.


WHAT SKILLS WILL YOU DEVELOP?

To think like a Scientist you need to acquire:

- Oral and written communication skills
- Quantitative skills to apply mathematical thinking
- Collaboration and teamwork
- Research, problem solving and analytical skills
- Investigative skills in the laboratory



WHY STUDY MATHEMATICS?



Mathematics is a fascinating subject and provides the key to understanding the world in which we live as it allows you to look at the world in a different way. The study of Mathematics is theoretical and develops logic to enable students to solve problems using mathematical concepts.

WHAT IS THE VALUE OF MATHEMATICS?

Mathematics is for students who have demonstrated a good level of competency in using and applying their mathematical skills as they embark on Year 12. Students will appreciate the need for good mathematical knowledge to support their studies in courses such as Biology, Business Management, Chemistry, Geography and Medicine.

Being able to think logically and strategically are key elements in a whole variety of careers. **Maths Studies** teaches you to think critically about the information that you are presented with, which will enable you to make sound decisions in many areas. Studying Maths Studies is only available at Standard Level.

WHAT SKILLS WILL YOU DEVELOP?

You will develop an in-depth understanding of Mathematics and be able to apply it to concrete scenarios. You will also become a much more independent learner in Years 12 and 13. You will use technology to make calculations during lessons which will equip you for real-life situations and for further study at university.

In Maths Studies, you will develop critical thinking and reasoning skills. You will cover a number of concepts that you may have come across in previous learning, but in more depth, and you will apply them to authentic situations.

GROUP 6



LE RÉGENT COLLEGE

WHY STUDY VISUAL ARTS?

Becoming visually literate enhances our ability to operate in a world which relies increasingly on visual culture. Theories and practices in Visual Arts are dynamic and ever-changing, and connect many areas of knowledge and human experience through individual and collaborative exploration, creative production and critical interpretation.

WHAT IS THE VALUE OF THE VISUAL ARTS COURSE?

Supporting the International Baccalaureate mission, students will learn about the visual world through curiosity and inquiry. They will learn about visual arts from a variety of cultural contexts and understand the importance of making their own practical work with integrity, informed by theory and research. The course encourages students to research using not only traditional academic methods but also by experimenting and coming to an understanding through their own

embodied experiences. Students will learn to express ideas with confidence and competence and they will realise that there are many ways to interpret the world and to appreciate its diversity.

WHAT SKILLS WILL YOU DEVELOP?

You will develop practical art-making skills to increase your understanding of techniques, materials and processes, as well as building oral, written and visual communication skills to express yourself. The visual arts course will allow you to learn through independent and collaborative activities which develop strong self-management and social skills. The Visual Arts journal, a central element of the visual arts course, brings together a number of transferable skills through the process of reflection.

Students have the option to study LAMDA (London Academy of Music and Dramatic Art) with a dedicated teacher at Le Régent College. Please visit www.lamda.ac.uk for more information.

THE IB DIPLOMA PROGRAMME CORE

The Core of the IB Diploma Programme broadens every student's educational experience and challenges them to apply their knowledge and skills to a variety of different situations. The IB Diploma Programme requires all students to successfully complete **three elements**:

Theory of Knowledge (ToK) gives students the opportunity to reflect on the nature of knowledge and on how we know what we claim to know.

WHY STUDY TOK?

Theory of Knowledge (ToK) is an engaging and important subject. A lot of learning is about trying to memorize information; however, ToK teaches us how to question what we learn, and appreciate the way that knowledge is interwoven into society.

WHAT IS THE VALUE OF TOK?

ToK teaches us to put knowledge under scrutiny, a skill that can help protect people from misinformation. It also encourages learners to appreciate the vast number of different perspectives and complexities that exist in real life.

WHAT SKILLS WILL YOU DEVELOP?

You will become more open-minded and be able to discuss, debate, question and communicate effectively.



LE RÉGENT COLLEGE

The Extended Essay (EE) gives students the chance to research a specialist topic and complete a 4,000 word essay which is an independent, self-directed piece of research, finishing with a Viva Voce.

WHY DO AN EXTENDED ESSAY?

The Extended Essay is a compulsory element of the IB Diploma Programme and must be completed with a passing grade to receive the IB Diploma.

WHAT IS THE VALUE OF THE EXTENDED ESSAY?

The Extended Essay will help you develop as an independent learner, providing invaluable experience of researching and writing a formal academic essay. The EE is the perfect preparation for university. By researching and writing on a topic of your choice, you will have the opportunity to explore in depth an area of interest to you.

WHAT SKILLS WILL YOU DEVELOP?

- Academic honesty (avoiding plagiarism & developing referencing skills)
- Research skills (finding, analysing and evaluating print and online sources)
- Digital Citizenship and Information Literacy (media and ICT literacy)
- Critical Thinking (lateral thinking, reasoning and problem solving)
- Essay writing skills
- Time management skills

Creativity, Activity, Service (CAS) enables students to get involved in a diverse range of activities, as well as completing an individual CAS project.

WHY STUDY CAS?

CAS (Creativity, Activity, Service) is at the heart of the IB Diploma Programme together with ToK and the EE. CAS enables students to enjoy fascinating experiences. It is centred on your interests, skills, talents, morals and beliefs. Each student will identify an interest or passion which has a wider impact on society, locally and globally, and explore it in more depth.

WHAT IS THE VALUE OF CAS?

CAS will enable you to discover and extend your talents. You will learn more about yourself and how to discover and engage with others in your community. There will be various challenges which will require planning, evaluation, communication and reflection.

WHAT SKILLS WILL YOU DEVELOP?

CAS is about applying knowledge and taking action to meet the needs of the community. This process will involve the analysis of problems, critical thinking, determination and working in collaboration with others, considering ethics and becoming socially responsible.

LIBRARY RESOURCES

AND THE IB DIPLOMA PROGRAMME

‘Libraries’ are combinations of people, places, collections and services that aid and extend learning and teaching.

OUR LIBRARY VISION

We endeavour to cultivate a genuine love of reading and to empower individual students with the multi-literacy skills necessary to prepare them for a lifetime of learning. As a British International School, our Library is committed to fostering intellectual curiosity and developing a whole school reading community.

The Library, with its wide collection of print and electronic resources, encourages reading and investigation for educational success, for cultural understanding and above all for pleasure. It is at the heart of our College life.

OUR LIBRARY MISSION

- To deliver efficiently the highest quality information and collection services which nurture the educational, social and cultural well-being of our community
- To make optimal use of the many skills of teaching, learning and librarianship
- To be at the forefront of technological change, using and teaching new technologies as they emerge
- To encourage and promote students’ understanding and appreciation of quality literature and academic honesty





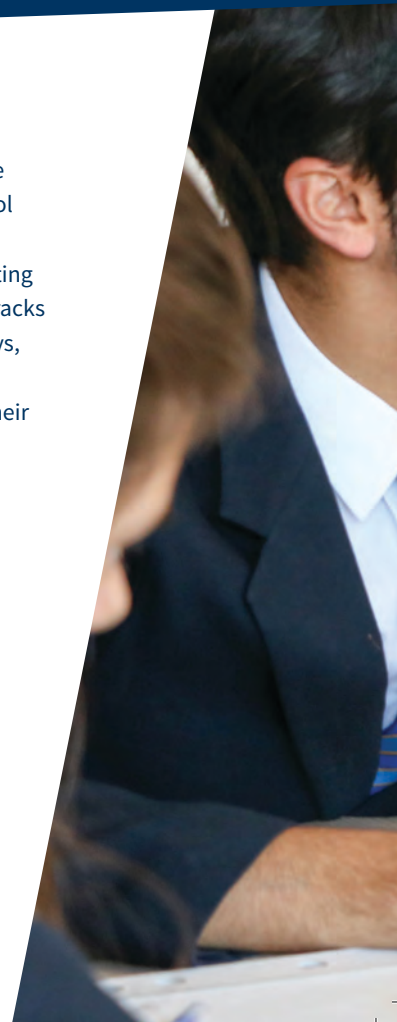
UNIVERSITY GUIDANCE

Each student receives personalised university guidance from the dedicated University Counsellor and from their Personal Tutor. Students from Year 11 upwards will meet regularly with the Counsellor to discuss their academic achievements, future career aspirations and university research and application procedures.

Our students enjoy one to one support with their applications to universities from the beginning of the process through to confirming places on receipt of the IB results. We are a designated UCAS (Universities and Colleges Admission Service) centre and also support admission testing such as SAT (Standardized Admissions Tests) and IELTS (International English Language Testing System) by running an annual intensive SAT/IELTS preparation course for all students in Year 11 in collaboration with AlphaPrep.

Each student as well as parents/guardians have an account with 'Unifrog', which is an online tool where students can explore their interests, find courses and universities across the world, creating multiple shortlists. The University Counsellor tracks each student's progress with their college essays, personal statements and applications through Unifrog, ensuring students are on target with their applications.

For more information about the IB Diploma Programme at Le Régent College please email
admissions@leregentscollege.com







WWW.LEREGENTCOLLEGE.COM





LE RÉGENT

CRANS MONTANA COLLEGE

Switzerland 



www.leregentcollege.com

Le Régent Crans-Montana College
Rue du Zier 4, 3963 Crans-Montana, SWITZERLAND

info@leregentcollege.com

Tel: +41 (0) 27 480 3201

www.facebook.com/leregentcollege