

Coláiste an Chraoibhín

Leaving Certificate Subject Choices

Disclaimer: All information in this powerpoint is accurate and correct when it was published 11/05/20. It is the reader's responsibility to ensure all information is accurate, correct and complete prior to submitting their subject option form.

Subject Options

- ▶ Accounting
- ▶ Business
- ▶ Economics
- ▶ Agricultural Science
- ▶ Physics
- ▶ Biology
- ▶ Chemistry
- ▶ Applied Mathematics
- ▶ Home Economics
- ▶ French
- ▶ German
- ▶ Construction Studies
- ▶ Engineering
- ▶ DCG (Tech Graph)
- ▶ Geography
- ▶ History
- ▶ Art
- ▶ Music
- ▶ Computer Science
- ▶ Physical Education

Subject Choices

- ▶ You do not have to study engineering in the Leaving Certificate to become an engineer... it is important to remember that choosing your subjects will not eliminate you from certain careers nor are you locked into a career if you choose certain subjects.

Essential Subjects

- ▶ There are certain subjects that are essential for entry to particular courses, colleges and careers and it is important to be aware of these.
- ▶ Generally, there are few essential subjects but by viewing www.qualifax.ie , www.careersportal.ie , college websites this information can be received.

All optional subjects are equal

- ▶ In terms of entry to third level all subjects count equally for points. In other words an H1 in Art is as valuable as an H1 in Physics or Engineering etc. One might be more useful than the other but they are both scored the same for points. So, if high points are a priority for you, then choose subjects that you can gain high marks in, making sure of course that you have the required subjects.

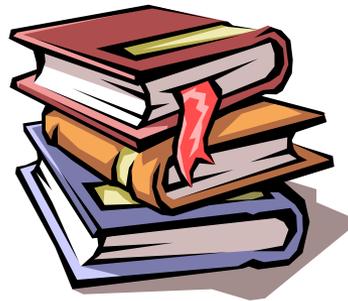
Some examples of recent changes in subject requirements

- ▶ A modern language is not a requirement for engineering in NUI Maynooth.
- ▶ A modern language is no longer a requirement for nursing degrees in the NUI colleges e.g. UCC.
- ▶ Chemistry at HL 5 or better is required for Veterinary Science in UCD.
- ▶ Chemistry at HL 4 or better along with HL 4 Physics or Biology is now required for Medicine and Dentistry in UCC.

Subjects at Leaving Certificate

- ▶ Talk to students studying subject at LC.
- ▶ Borrow textbooks see what lies ahead.
- ▶ Contact school guidance department

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Career Areas

Languages Group French and German

- ▶ Reasons for keeping language personal development and future options.
- ▶ Needed for entry to some courses in the NUI colleges.

Science Group Biology, Chemistry, Physics and Agricultural Science

- ▶ Suitable for Engineering, Medical, Nursing, Paramedical, Science, Radiography, physiotherapy etc.
- ▶ Which one?
- ▶ All suitable and acceptable, nursing best advised to take Biology and/or Chemistry, want to study Engineering in college advisable to take Physics at LC.
- ▶ Some courses at third level may require specific science LC subjects.

Applied Maths is the study of the practical applications of mathematics to the real world and physical problems. It is typically associated with engineering and physics, but also finds use in economics, finance, business, environmental studies, and even chemistry and medicine.

Careers - Engineering, Physics, Construction, IT, Insurance, Systems Analysis and Architecture.

The Practical Group

- ▶ Construction Studies and Engineering practical part of final assessment, theory is up to 50% of final assessment. DCG (Technical Graphics) This subject develops students' comprehension ability, and problem solving and creative thinking skills are developed through the analysis and solution of both 2 and 3-dimensional graphics.
- ▶ **Career Choice –**
- ▶ **Construction Studies** -Architecture, Carpenter, Civil and Structural Engineer, Technician, Electrician, Quantity Surveyor, Firefighter, Apprenticeship.
- ▶ **Engineering-** Mechanics, Aircraft Technician, Army Air Corp, Fitter, Apprenticeship, Civil and Structural Engineer, Toolmaker.
- ▶ **DCG**– All Engineering Courses, Architecture, Construction Trades, Town Planner.

Business Group

Accounting

- ▶ Concerns itself with the business of keeping records, it is a great preparation for any business job but you must like working with numbers.
- ▶ **Careers-**
- ▶ Accountancy, Auctioneering, Business and Management, Banking, Receptionist, Marketing, Sales, Quantity Surveying.

Business

- ▶ Concerned with how organisations are formed, financed and run looking at banking, transport, taxation and state organisations etc.
- ▶ **Careers-**
- ▶ Marketing, Sales, Management, Purchasing Officer, Stockbroker, Taxation, Law, Sports Management.

Economics

Economics deals with the real world business obstacles such as demand and supply, production and consumption, money and banking as well as economic policies, problems and conflicts.

Careers - Banking, Insurance, Finance, Marketing, Politics, Journalism, current affairs and all aspects of business.

Artistic Group

Art

- ▶ Vital for entry to Art College need to put together portfolio of sketches and designs for entry to art college.
- ▶ Some schools of architecture recommend it.
- ▶ **Careers-** Advertising, Furniture Making, Photography, Occupational Therapist, Sculptor, Textile Design, Interior Design, Painting, Architecture.

Music

- ▶ If you perform an instrument or good vocalist valuable points for entry to third level.
- ▶ Music courses at third level will require students to take a performance entrance test.
- ▶ **Careers-** Bands, DJ, Orchestra, Instrument Maker, PE, Sound Engineering, Television and Radio Production.

Humanities Group

History and Geography are two very useful subjects that give students a great insight into the world around them.

History- Embracing the world of politics, economics, religion, and philosophy.

Careers- Journalism, Social Worker, Archaeology, Barrister, Researcher, Solicitor, Garda, Tourism, Broadcasting.

Geography- Study of population, pollution, industry, farming, statistics, landscapes, and the environment.

Careers - Construction, Civil Engineering, Forestry, Archaeology, Navy, Transport Clerk, Air Traffic Controller, Town Planning, Pilot.

The Social Group

- ▶ **Home Economics** prepares students for life in a consumer oriented society and provides a learning foundation for those seeking employment in a wide range of careers, such as the food industry, tourism, clothing, design, health and social services. It has 3 core modules that must be studied by all students taking home ec. and three electives.
- ▶ **Careers** –Chef, Childcare, Hairdressing, Social Worker, Health Services, Nursing.

Computer Science - Computer Science is the study of computers and computer programming. The Leaving Certificate Computer Science course introduces students to problem-solving using programming and computational knowledge.

Careers - software developers, IT support and data analysts.

Physical Education – The purpose of the physical education course is to develop the student's ability to participate in physical education and physical activity. As the written assessment comprises 50% of the marking, ability in the physical activity alone will not be sufficient, students will need to engage with the classroom portion of the course.

Careers - health and fitness, nutrition, physiotherapy or sports administration.

Discussion/ think about the following

- ▶ “That’s just a subject for girls or boys.”
- ▶ “None of my friends are doing that subject.”
- ▶ “I’ll do that subject because it is a doss”
- ▶ “If I don’t do it for my Leaving Certificate I can’t do it in college.”

Decision Time

- ▶ Do your research.
- ▶ Talk to your parents/guardians.
- ▶ Contact school guidance department

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