5th Year 2021-2022 Subject Options Information

www.stlouisdundalk.ie

Subject Choice Senior Cycle March 2nd 2021



St Louis Secondary School

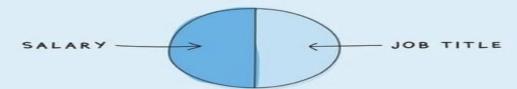
Guidance Department

Agenda

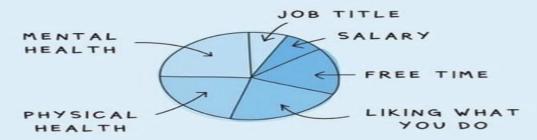
- Transition from Junior to Senior cycle
- Considerations for Subject Choice
- Third Language (French/Spanish)
- Science and STEM
- Going to college
- The Points System

important

HOW WE'RE TAUGHT TO MEASURE SUCCESS



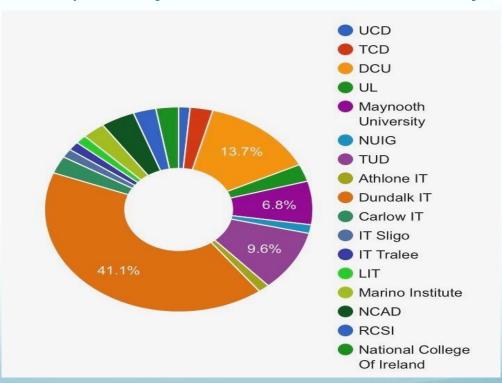
A BETTER MEASURE



@LIZ ANDMOLLIE

Progression Figures

St. Louis pathways to Third Level over recent years



Moving Forward

Junior Cycle to Senior Cycle

- Subject Choice in Third Year/ TY has consequences for Leaving Cert & Beyond.
- Examinable Subjects are reduced to 7 for Leaving Certificate.

Subject Choice

- Very important as it can have far reaching implications for the future, choosing subjects you enjoy and have interest in is the key to a successful L.C.
- Needs careful planning, research and consideration
- Should be a collaborative experience involving discussion with parents/guardians, guidance counsellor, older sisters/brothers, senior students importantly, your subject teachers.
- Leaving Cert. Textbooks and websites showing exam papers

Considerations

Subjects I need.



- Subjects I am good at and can achieve high points in.
- Those I like best /find interesting.
- Avoid subjects I find difficult and in which I may be borderline.
- Be realistic play to strengths.
- Follow advice of Teacher.

Choose subjects based on

- Personal interest and enthusiasm
- Aptitude for particular subjects
- Possibility of high attainment
- Relevance to possible career

Entry requirement for desired Third Level course



Be careful about basing decisions on the following-

- Teacher-You may not have the same teacher as for JC.
- Friend(s)-natural to want to be in same class but you need to choose based on your personal abilities.
- Preconceptions around certain subjects.(Being difficult/easy).
- Family expectation-honest discussions around your aspirations with family members.

What Choice of Subjects are available to me?

Compulsory Subjects (Core Subjects)	Non-Exam Subjects	
English	• Guidance	
• Maths	• Religion	
• Irish	• P.E.	

What Subject Range is Available to Me?

- Third Language: French, Spanish
- <u>The Laboratory Sciences</u>: Physics, Chemistry, Biology (Applied Maths available externally)
- The Business Subjects: Accounting, Economics, Business
- The Arts/Humanities Subject Choice: History, Geography, Art, Music, Home Economics



Why Study a Modern Language?



French and Spanish



- Broaden job opportunities
- Social Reasons Experience of other cultures, food, customs, literature and travel
- Excellent discipline-attractive to employers(particularly in Business)
- NUI Entrance requirements.

Modern Language Requirement

- This requirement exists within colleges of the N.U.I. (The National University of Ireland)
- These include UCD, UCC, NUIG, NUIM, St. Angela's College Sligo, RCSI.



exceptions to Modern Language requirement

- Courses in Agriculture, Science and Engineering @ UCD
- Courses in Science, Business and Engineering @ Maynooth University
- Courses in Science in NUIG and UCC
- Nursing at any of the colleges
- NCAD will accept Art as a language
- Business @Maynooth University
- International students can use their mother tongue

Science, Tech, Engineering, Maths.

- 44% of secondary students in Ireland believe that STEM is more suited to males than females.
- St. Louis has a consistent and varied uptake in Sciences, Engineering, Medical and Paramedical degree courses.

careers

- Women in STEM earning on average 33% more than women in non STEM roles.
- Highest paid jobs of the future-Computer
 Science/Engineering
- Entry pay grade high /fast growing sector, evolving rapidly/ minimal likelihood of jobs being eliminated by automation
- STEM encourages problem solving and creativity: highly

deterrents

- Media portrayal-majority of STEM characters in film/society are male. Although improving, stereotype prevails.
- Widespread cognitive bias that Maths is associated with males and Arts, females. Most not even aware they hold this belief.
- These stereotypes can be harmful and restrict choices and personal and professional development.
- What about Maths? Comfort level needed but not

A SCIENTIST is someone who...

observes and wonders

Listens to the ideas of others

ASKS questions

conducts



explores the world around them

tools to solve problems

A SCIENTIST IS SOMEONE LIKE YOU!

An Engineer is someone who...

observes and wonders

shares their curiosity

to solve problems

constructs

BOOK HETTYPINGS



DISCOVERS and creates new things

them

An Engineer

@ggwiggtym/abani

A taste of STEM at St. Louis





- Visiting Speakers Head of Electronic and Mechanical Engineering DKIT, Pat Mc Cormick
- Senior Engineer –Semple Mc Killop, Sile O Connor
- Robotics Workshops DKIT
- Coding Programme DKIT in TY
- Past Pupil- Dr Niamh Shaw, Scientist, Engineer STEAM Artist and Astronaut in training

Science Essential for the following Career Areas :

- Science
- Engineering
- Medicine
- Dentistry
- Veterinary
- Pharmacy
- Physiotherapy
- Radiography

- Architecture
- Occupational Therapy
- Speech Therapy
- Sports Science
- Med Lab Scien
- Dietetics
- Optometry

Nursing

Science Pointers

- If considering Nursing, Science is a must, Biology is advisable.
- Some Science courses require 2 Science subjects.
- Medicine Pharmacy Pontistry in UCC require H3 in Chem

Physical Education

(New)

- Learning and improving existing skills
- Techniques and Planning for optimum performance
- Ethics and Fair Play
- Technology, Media and Sport
- 20% of grade will come from a physical activity project and
 30% from a performance assessment

Students starting LC Art in 2021

- The LC curriculum has changed for you. The changes make your assessment work more manageable.
- Art History & Appreciation has been replaced with Visual Studies which links directly to the artwork you create.
- Practical Coursework-50%
- Practical Examination-20%
- Visual Studies-30%

Economics-changes to LC Paper

 A new specification for LC Economics was introduced in September 2019 and will be examined for the first time in 2021.

Assessment comprises of two elements

1)a final written examination 80%

2)a Research Study 20%

Third Level Study

Over 1400 full-time courses

9 Universities in R.O.I. and 2 in Northern Ireland

10 Institutes of Technology

Several others including private colleges

Currently no Third Level fees in R.O.I.

Registration fee 2021/22 T.B.C.

Studying Abroad

- Fees in England are approximately £9300 per year at moment.
- N.I. Fees stable at £4,300 this year.
- Scotland, usually a popular option, is no



Going to college Minimum Entry Requirements

- The **minimum** requirements/matriculation requirements are exactly that-namely the minimum you are expected to have before you can be considered for entry to college.
- Vary from –Institutes of Technology-5 passes at OL(including English and Maths).
- Some Universities 6 subjects (at least 2 at HL)including English, Irish and in some cases explained above, a Modern Language.
 - Trinity College Dublin-at least two/somet Results

Going to college Specific Course Requirements

- These are particular subjects or a combination of subjects you must have to secure a place on a particular course.
- E.g. Primary School Teaching H4 Gaeilge
- E.g. Some Computing, Financial, Economics and Engineering courses require a H4 in Maths
- E.g. H2/3 in English required for some Journalism

Where to check requirements-

These can be found in:

- 1. College Prospectus
- 2. College Website
- 3. Qualifax / Careers Portal/CAO Website

search tool

- This search engine helps to identify subjects needed for courses at Third Level.
- Minimum Subject Tool



The Points System

Those who meet the minimum entry and specific subject requirements for each course are allocated places on the basis of points gained from their <u>SIX</u> best subjects in LC.



New Grades and Common Points Scale for Leaving Certificate 2017

Grade (%)	Points	Grade (%)	Points
H1 (90-100)	100		
H2 (80<90)	88		
H3 (70<80)	77		
H4 (60<70)	66		
H5 (50<60)	56	O1 (90-100)	56
H6 (40<50)	46	O2 (80<90)	46
H7 (30<40)	37	O3 (70<80)	37
H8 (0<30)	0	O4 (60<70)	28
		O5 (50<60)	20
		O6 (40<50)	12
		O7 (30<40)	0
		O8 (0<30)	0

Checklist

It is crucial to take on board the following three considerations when applying for courses

- 1. Minimum Entry Requirements
- 2. Course Subject Requirements
- 3. **Points** Try to keep as many subjects at **Higher** level as possible-HL A1=100,OL A1=60

Final points to consider

- The subjects required for your next step.
- The subjects in which you are successful and can achieve.
- Your interests and passions are not random-they are your calling!
- Be strategic-don't burden yourself with a subject you don't enjoy to satisfy entry requirements; discuss this with Guidance Counsellor.







- Consult Careers Portal for videos on Subject choice, detailed description and tracking of L.C. results over recent years.
- Qualifax (Minimum Subject Search, as mentioned)
- Remember most specific subject
 requirements are for Modern Language /
 Science, so keeping these on will leave most

Good Luck with Your Selection



Remember Help is Here

Resources

- www.cao.ie
- www.ucas.com
- www.qualifax.ie
- www.careersportal.ie
- www.smartfutures.ie



www.eunicas.ie

Follow our Guidance twitter @StLouisdlkguid

daramee@stlouisdundalk.ie

corarice@stlouisdundalk.ie

Accounting

https://drive.google.com/file/d/13L5WFPfe9jFwlkIF8tBEOAWoy0ssEA2l/view?usp=sharing









CHOOSING ART?

TY subject choices talk for LC

Why Study ART for the Leaving Certificate:

- Great career opportunities for students who study art for the Leaving Certificate. Employers now want to see creative people - no matter what career path you are thinking about!
- There are new changes due to the LC Art course (September 2021) that will see Art History being replaced with Visual Studies with less of a focus on essay writing.
- The aim of our subject is to encourage individual creativity, and support wellbeing through creative means, in a stress free and welcoming space.
- We always are seeking interesting opportunities for our students. Whether it be workshops or trips away to Dublin to the galleries.





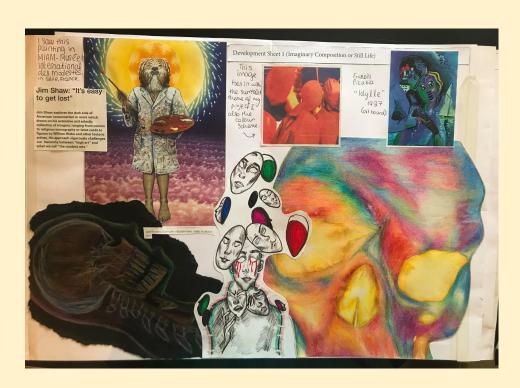
Thinking about choosing Art?

- Speak to our 5th and 6th year students - they are the best judges of what it's like!
- Email Mr. Kilkenny or Ms McEnaney if you have any questions.

ainemcenaney@stlouisdundalk.ie

fergalkilkenny@stlouisdundalk.ie

Looking forward to seeing you in Art!



Leaving Cert Biology

Topics studied:

- Scientific Method: (How do we actually investigate scientific questions of interest?)
- Food
- Human anatomy and physiology (The circulatory system, the breathing system, the nervous system, the skeletal system)
- Immunology (How do we fight pathogens?)
- Micro-biology (Bacteria, Viruses, Fungi)

Topics studied:

- Plant Biology
- Ecology (Our environment and ecosystem)
- ☐ Reproduction (Human and Plant)
- Biochemistry (Respiration and Photosynthesis)
- Experimentation

Exam:

- 100% of the marks for the biology course is for the exam in the summer.
- ☐ The exam is divided into three sections (A, B and C)
- Section A (Short Questions)
- Section B (Experiment Questions)
- Section C (Long Questions)
- You are given a good choice of questions on the exam paper.

Qualities needed to succeed in Biology:

Be interested in how the world works in particular the human body.

Be very hard working as there is a huge amount of content in the course.

Be interested in carrying out experiments.

Potential Careers in Biology:

- Researcher
- Medical profession
- Ecologist
- Pharmacist
- Nursing
- Micro-biologist
- Teacher

These are only some examples there are many more.

"Biology is a really interesting subject, it's really nice to learn about everything about ourselves and our planet, it's also a really handy science if you want to go into the healthcare field. Just keep in mind that there's a lot to learn in the syllabus"

"Biology is a good subject because it is diverse and interesting. You learn about a lot of different things. It is also a good subject to pick as in most colleges you need to have a science subject"

Biology is a subject that is really understandable and makes sense, the use of lots of diagrams and visuals makes it easy to follow. There are lots of overlaps with Home Ec. and LCPE. It's also great to have a science subject going on into college.

- " Very interesting subject"
- " Huge amount of material to learn"
- "I enjoyed learning about how the human body works"
- "I enjoyed doing the experiments"

- "You need to keep up with your revision of the topics"
- " Need to be good at practising the exam questions on the different topics"
- ☐ "Really enjoyed Biology"

Questions:

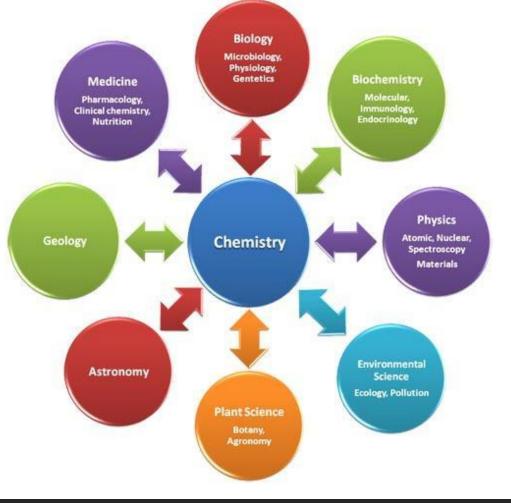
If you have any questions feel free to email or ask in person.

Business

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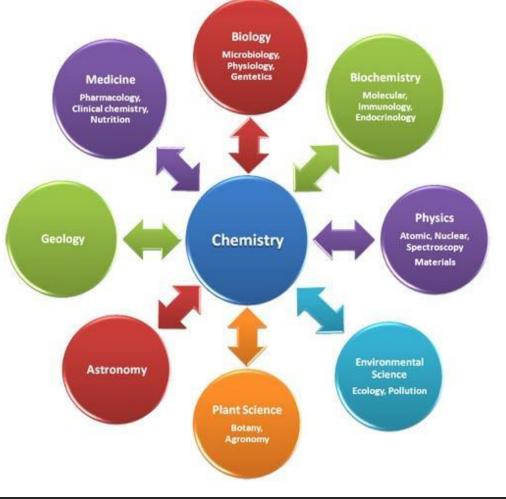
4 minutes





You were given a taster of three sciences at Junior Cycle – Chemistry, Biology & Physics.

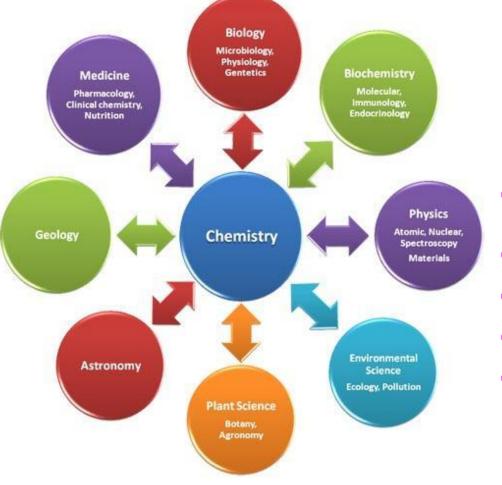
Chemistry is a "crossover science" – it incorporates lots of different aspects of science.



Everything you touch, taste or smell is a chemical.

Chemistry helps you to understand a bit about how things around you work.

(See next slide)



- Why do some pain medications cure a headache but others don't?
- How does soap get you clean?
- Why do some things dissolve in water but others don't?
- Why should we use conditioner after shampoo?
- How have two pairs of electrons in water led to the existence of the human race?

In the design and manufacture of a vaccine, it is chemistry, that will help us in the fight against Covid-19





Topics of study include:

Radioactivity Rates of Reaction Gases Organic Chemistry Electrochemistry **Titrations**

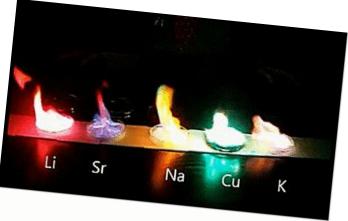
Investigations

There are 28 mandatory experiments, including:

- Flame tests
- lodine snake reaction
- BOD of water
- Make your own soap

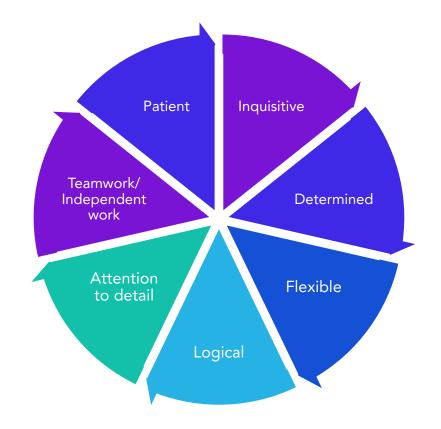
(To name but a few.....)





Qualities of a good chemist....





Is it hard? Do I have to be good at maths?

- As with any subject, to do well you have to WORK HARD, CONSISTENTLY.
- Cramming is not an effective way to learn.
- Always aim to UNDERSTAND, this makes learning much easier.
- You do NOT need to study higher level maths.
 - You should be comfortable working with numbers.

laziness pays

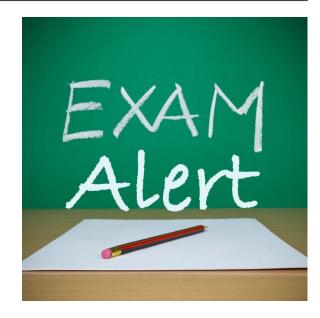


hard work pays off in the future.



The exam...a long way off but....

- Your final LC grade in chemistry is based on a 3 hour exam.
- Section A "wet chemistry" the experiments
- Section B the rest of the chemistry course!





Career choices

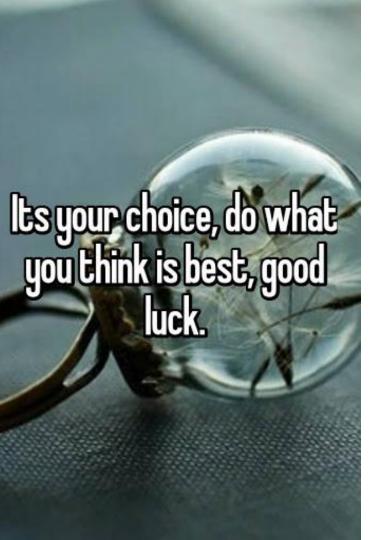
Analytical Chemist Pharmacist.

Chemical Engineer Pharmacologist

Forensic Scientist Biochemist.

Food Technologist Materials Scientist.

You could cure future global pandemics or... maybe even become a Chemistry Teacher!?!

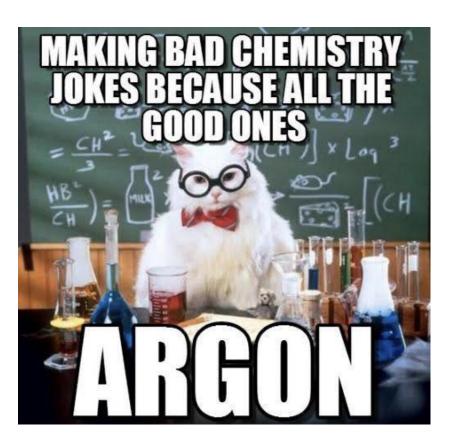


Things to look up....

- Dr. Niamh Shaw past pupil of St. Louis see the heights her chemistry degree has taken her to!
 - https://niamhshaw.ie/

- What can I do with a chemistry degree?
 - https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-de gree/chemistry

- Chemists know an amazing song on YouTube you'll know the tune at least!
 - https://www.youtube.com/watch?v=iM 16rtlgn0



"A neutron walks into a bar and asks how much for a drink. The barman replies for you no charge".

> -Dr Sheldon Cooper The Big Bang Theory



Economics 8 mins

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Senior Cycle French

A summary of the Leaving Certificate French



- 1. Education
- 2. Sales
- 3. Working abroad in French speaking countries



- 1. Appreciation of another culture.
- 2. The ability to converse in another language.
- 3. Awareness of other traditions.

Ordinary level French

Ordinary Level French Four reading comprehensions (40x4=160 marks) Two questions are answered in English and two are answered in French

Writing: Two questions answered between Cloze test/form filling postcard/message Diary entry/formal letter

(30x2=60 marks)

Oral is 20 per cent of overall marks
Aural is 25 per cent

Higher level French

Two reading comprehensions (60x2=120) marks) Three pieces of writing First piece 90 worded=40 marks Two other pieces 75 worded =30 marks (choice of diary entry, email, personal account, giving your opinion on a topic)

Oral 25 per cent Aural 20 per cent

Merci beaucoup!

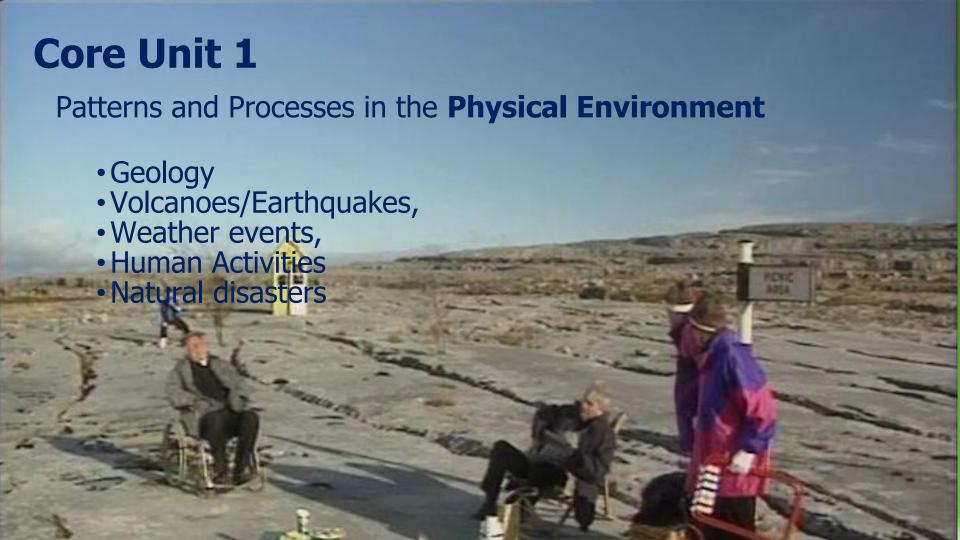


Overall Structure of the Course

3 Core Units

1 Elective

1 Higher Option



Core Unit 2

Regional & Human

- Concepts Urban, Economic, Religion, Culture....
- Ireland
- Italy
- France
- India
- Poverty (solutions)
- Migration





Higher Level Option

Geoecology.....

Hot Deserts and Rainforests
Africa
USA
Australia
The Amazon

Climate Vegetation Plants Animals





Written Examination

- 2 Hrs 50 mins
 - 80% of the final examination (+20% FS)
 - Short Questions
 - Long Questions
 - Many skills based questions (graphs, charts, maps, etc.)

Who would geography suit? Anyone who would have an interest in:



Related courses

Geography is a social science **Trinity** accepts Geography as a science subject

Courses in Trinity alone

- Environmental Science
- Geography and Geoscience
- Earth Science (focus on climate change)
- European Studies
- Political Science and Geography
- Batcholor of Science
- Batcholor of Arts



There are new courses ever year relating to global warming, climate change, etc.

... to sum up

Good Choice in the Exam 20 % Field Study Many new and existing courses

Career Options

Planning
NGOS
Conservation
Government Agencies
Business
Consulting
Education
Research



Leaving Certificate History









Why study History for Leaving Certificate?

First things first ...

Simply important to have an interest and a curiosity







Skills developed in the study of History

- Critical thinking/Independent thinking
- Communication Skills
- ICT Skills as part of Research
- Analytical Skills important to be discerning about sources and materials
- Training the mind to organise and present facts and opinions - put together logical arguments
- Open minded and objective

What do I study in Leaving Certificate History?

Irish History from 1815 to 1993



Two
Topics
from each

ONE will be studied with a focus on Documents

History of Europe and the Wider World from 1815 to 1992



A Research Topic

On a subject that is of particular interest to you.







SO... Why Study History....?



SO... Why Study History.....?

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Home Economics for Leaving Cert







Subject Choices

So what do you think of when you hear the words 'Home Economics'? hom



Overview of Outline

- Food Studies

 Food Studies

 49%

 Home Design & Management

 Textiles Fastron & Design

 Social Studies
- The syllabus consists of Core Areas and Three Electives:
- The Core Areas
- ► 1. Food Studies 45%
- 2. Resource Management and Consumer Studies 25%
- 3. Social Studies 10%
- 3 Electives from which the class study 1 from the following
- 1. Home Design and Management 20% or
 - **-**
 - 2. Textiles, Fashion and Design 20%





Sample of Topics



- Special Diets
- Food processing
- HACCP and cookery skills
 - Budgeting
 - Consumer studies
 - Environmental studies
- Family and Society studies
- Work, unemployment, leisure and poverty
- Housing, interior design, energy efficiency













Assessment



- Exam: 80%
- @ HL or OL
- Coursework: 20% Journal



 Cookery sessions and research based on briefs issued by the Dept of Education in 5th Year (October) which are due in November of 6th Year

Cross-curricular links

- <u>Biology</u>

 food science, body systems,
 microbiology, food spoilage
- **PE** nutrition, foods, health, wellbeing
- <u>Business</u> household finances, consumer studies, food industry
- Economics/Accounting The Irish Budget, family budgeting
- Chemistry chemical structures





Career Possibilities

Health, Nutrition, Education, Tourism, Textiles, Design, the Food industry, Science and Social Studies.



Farming, Horticulture & Forestry



Biological, Chemical & Pharmaceutical Science



Government, Politics &



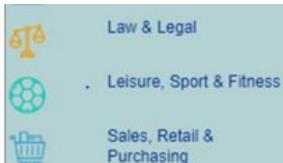
Clerical & Administration



Medical & Healthcare



Tourism & Hospitality



Security, Defence & Law

Enforcement

St Louis Secondary School Dundalk





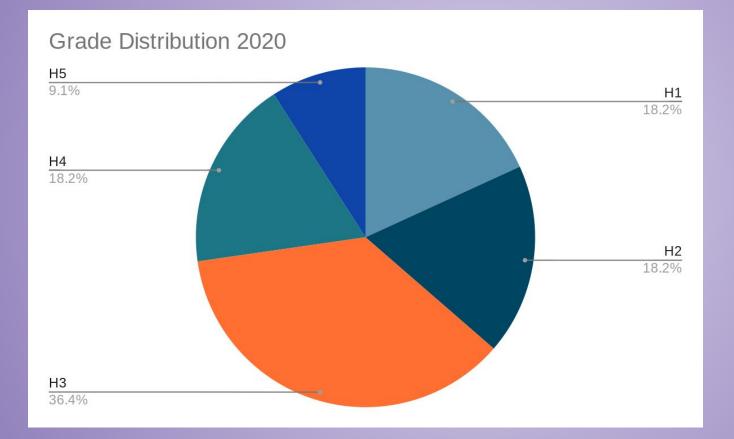
Music Department



Why should I do music for my LC?

In the last 3 years, on average 95% of all music students taking the Higher Level LC music exam achieved a H4 or BETTER!!!!

This is not matched in ANY other subject!





Why is that?

- The LC music exam consists of a 50% practical exam.
- Even if you are not a strong solo performer, you can still score highly by having a strong focus on music technology(using composition software)
- Group performance is always a popular choice.
 In our school, groups perform exceptionally well in the practical exams as they are prepared in class to a very high standard.

And apart from those very useful CAO points?

Here are some jobs where a degree in music or even your LC music skills can come in handy:

Professional musicians

Solo-singer, choir singer, orchestra member, band member, composer, conductor



Performance Promotion

- For radio
- TV
- Internet Sales



- Copyright
- Illegal downloading





Music production/technology

- Sound-engineers/technicians
- (live) entertainment industry
- Event organizer



compose Music media

- Journalism
- Advertising
- Casting agents (HR)



Teaching

- At kindergarten level
- Primary
- Secondary
- Third level
- Evening classes
- Music schools
- Private tutor





Arts administrative

Arts councils



Music therapy

In hospitals



nes



Librarian

Religion







Instrument manufacture & Repair





Outline of Course

Listening 25%





Composing 25%



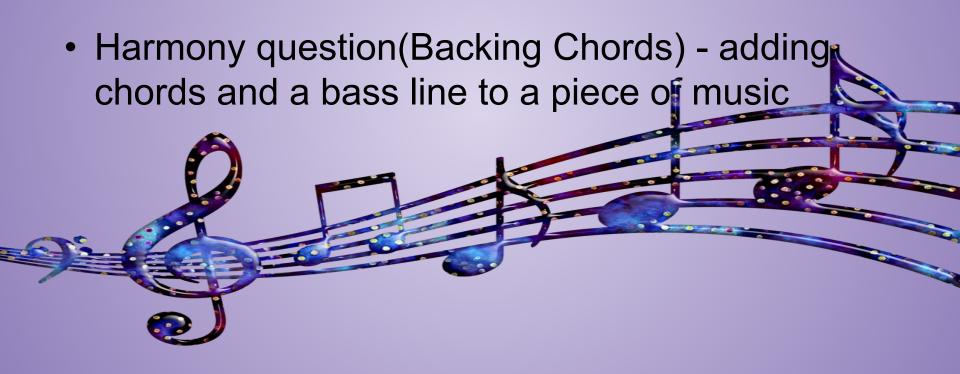
LISTONING

- Three main areas:
 - Set Works, Irish music, Aural Skills

- Set works 4 separate genres of music.
- 1. Classic: W.A.Mozart: Piano Concerto in A Major, KV 488
- 2. Pop: The Beatles: Sgt. Pepper's Lonely Hearts Club Band/When I'm Sixty-Four/She's Leaving Home
- 3. Modern: Raymond Deane: Seachang
- 1 Demontica Hostor Darling, Cumphonia Photostique



• 16 bar Melody writing including modulation





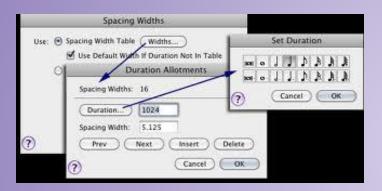
- Perform on an instrument(including voice) of your choice as a soloist or in a group.
- Students prepare 4-6 pieces.
- You also complete a short unprepared test such as

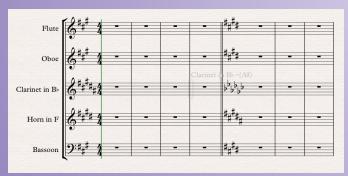






Music Technology





- Students can also complete a performance, listening or composing elective as part of their practical.
- For Technology:
 - Students work with a music technology programme such as Sibelius or Muse score.
 - Students input a four part,



> 50% Music Technology

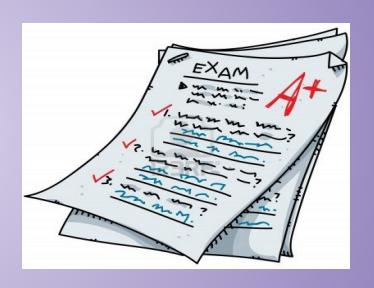
- There is an option to complete a 50% music technology practical.
- You must create a 3-part backing track before the exam (using software such as musescore or garageband) and perform (solo instrument or sing) to it.
- You then explain to the examiner how you created your backing track.





Exam Format

- Students complete their practical and music technology exam in April of leaving certificate year.
- The written exams take place in June:
 - Listening paper (1 ½ Hours)





Mhy Musicf





- Applicants with a well-rounded education are more likely to be successful in this competitive age.
- Music builds confidence
- If you enjoy music, why not do what you love!
- Excellent results track record.

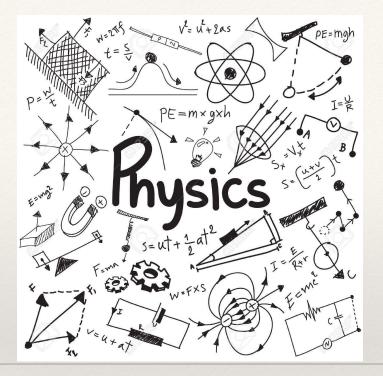


Leaving Cert P.E. 8 minutes

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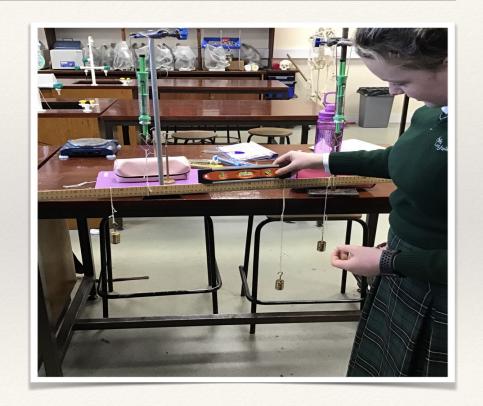


Why Choose Physics

Leaving Certificate

Practical Hands On Subject

- Heavily based around experiments
- 24 practical experiments
- Team work
- All formulae in maths tables
- Use of devices and google classroom
- Small classes



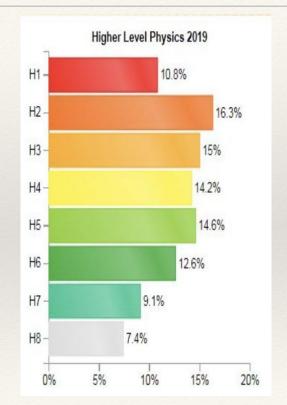
Course Content

- Optics/Waves study of light and sound
- Mechanics time, space, distance, speed and acceleration
- Heat changes of state, energy conversions
- Electricity and Magnetisim circuits, domestic electricity, real world applications
- Modern Physics -x-rays, radioactivity, fusion and fission



Numbers taking physics 2019

- Total 7942
- Higher 6583
- Ordinary 1359



Careers

- Basis of all engineering, design, medicine and architecture
- Studying physics makes you a logical thinker and a problem solver
- High demand
- Starting salaries some of the highest in Irish private sector
- Lots of opportunities for girls who study physics

Is physics for me?

- Are you a curious person?
- Like variety and working with others?
- Using computers and technology
- Like finding out how things work
- Do you like puzzles?
- Do you like getting things right?
- Satisfying well-paid career that makes a difference to others

Want to find out more

- Talk to 5th or 6th year physics students
- Have a look at some text books
- Email: annemariekirk@stlouisdundalk.ie
- Search online www.careersportal.ie/physics

Leaving Certificate Spanish

The student themselves is the focus of Senior Cycle Spanish.

The course is based around equipping the students with the necessary range of vocabulary and structures so that they can express themselves fully on their personality, family, likes and dislikes, home, school, daily routine and eventually on more global issues for those students sitting Higher Level in the State Exams.

speaking, listening, reading and writing.

The assessment is based around these goals, with

students being assessed in all four language skills of

The written pieces for the Leaving Cert Higher Level paper include:

a **dialogue** piece based around a situation which may happen to them if they were to go on an exchange or holiday to a Spanish-speaking country such as a lost passport or an enrolment in a language school.

out to a party and saying when you'll be back or writing about feelings the night before returning to a new school year.

The paper also includes a **note and a diary entry** written

by students in situations familiar to them such as heading

The final written piece of the paper is the opinion piece where students are asked to write their personal **opinions** on more universal topics such as whether

leisure time is as important as work, or if equality is a

goal worth striving for.

play situations.

The students will be assessed in an **oral exam** around the

Easter holidays in 6th year. This is a ten minute general

conversation, followed by one of five pre-prepared role

play situations.

The students will be assessed in an **oral exam** around the

Easter holidays in 6th year. This is a ten minute general

conversation, followed by one of five pre-prepared role

The listening and reading components of the paper

follow similar topics to the two other skill assessments.

in their system.

It should also be noted that a number of **NUI courses**

require a pass in the modern language to access courses

appeals to them.

This subject would suit students who use primarily aural, verbal, logical

and social learning styles. A number of Honours Maths students for

example tend to very well with languages as the grammar element

As the **fastest growing Leaving** Certificate subject of about the last 15

take their place in the **global economy**.

years, Spanish appeals to students with a growth mindset who want to

9 out of 10 graduates in Europe speak two languages compared to 4 out of 10 in

Ireland.

In the **competitive job market** in which we now live, isn't it time that we in Ireland

caught up?

Leaving Cert. Technology

Leaving Cert. Technology consists of the study of integrated topics with emphasis on Renewable Energy, Project Management, Computer Aided Design & Manufacture and Electronics & Control.

Technology for Junior Cert. is not necessarily required.

Renewable Energy





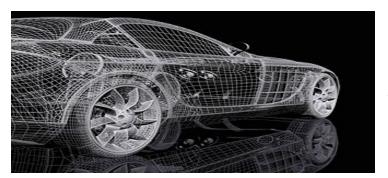


Electronics and Control

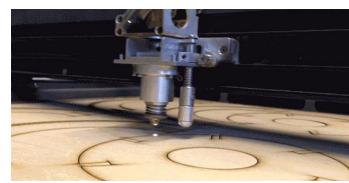




Computer Aided Design & Manufacture.







Project Management Packaging Machinery Utilities Unilities Packaging Machinery Electricity Electricity Labor By-Products Waste

The course integrates all of the above topics and should be of benefit to students who are interested in any of the areas of science and technology, the impact of technology on the environment and designing for better living. It is a very broad scope course and consequently leaves room for individuality and creativity in the area of project design.

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The course is 50/50 for practical and theory so your Leaving Cert project is 50% of your overall result.



How to use VSWARE app to choose options

www.stlouisdundalk.vsware.ie

How to use VSWARE app ton a PC

https://vsware.wistia.com/medias/n7yo7lck0k

How to use VSWARE app on a mobile phone

https://vsware.wistia.com/medias/nr3tejf165



Thank You & Goodnight

We look forward to seeing you, in person, very soon!