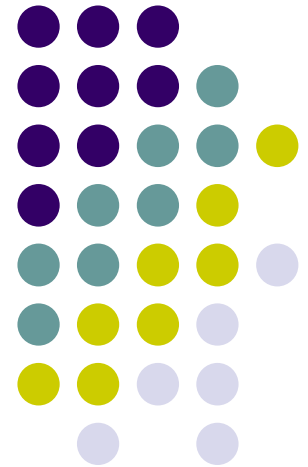


TY/3rd Year Subject Choice Presentation 2024



Ms. Ryan



Content



- What is subject choice?
- Making your choice
- Things to consider
- Core Subjects
- Subjects offered in St. John Bosco C.C.
- The Process
- Subjects explained
- Conclusion

What is subject choice?



- Subject choice involves the **choosing of subjects** for your Leaving Certificate Examination
- It is a very important process that **will have implications for future career choices after leaving school**
- It needs **time and attention.**

Making the choice? How to do so?



Become aware of the similarities and differences in the content, style and approach of the different subjects.

Do **YOU** like learning things off by heart?

(Biology/Geography/History/Agricultural Science/
Business/French/German)

Do **YOU** prefer problem solving?

(Chemistry/Accounting/Engineering/ Construction)

Do **YOU** like doing research?

(History/Geography/Home Economics/ LCVP)

Do **YOU** prefer more practical tasks?

(Engineering/ Construction/Art/Music)

Things to consider.....



- What subjects am I **good at** now?
- Ask present teachers about your abilities.....
- Ask the subject teachers about **what is needed to succeed** in the subject
- What are **your strengths**?
- Are you **neat and tidy** in your approach to work tasks?
- Do you like to be **challenged**?
- Do you like **reading/writing**?
- Do you like **studying abstract concepts and ideas**?
- What have other people commented on that **you are good at**?

Things to consider.....



- What subjects are **you best at**?
- What subjects **do you like**?
- It may be necessary to choose **a particular subject for a particular career**. Ask why you need this subject?
 - Chemistry needed for Medicine/ Veterinary
 - Science subject needed for Nursing
 - Higher level Irish needed for Primary School teaching.
- If the subject is not an automatic choice for you is the career a good choice?
- Remember you may change your career path many times during the Leaving Certificate year!!!!!!



Things to consider.....

- If unsure of your career path keep your choice of subjects wide.
 - *A science subject*
 - *A business subject*
 - *A modern foreign language*
 - *A subject you enjoy*

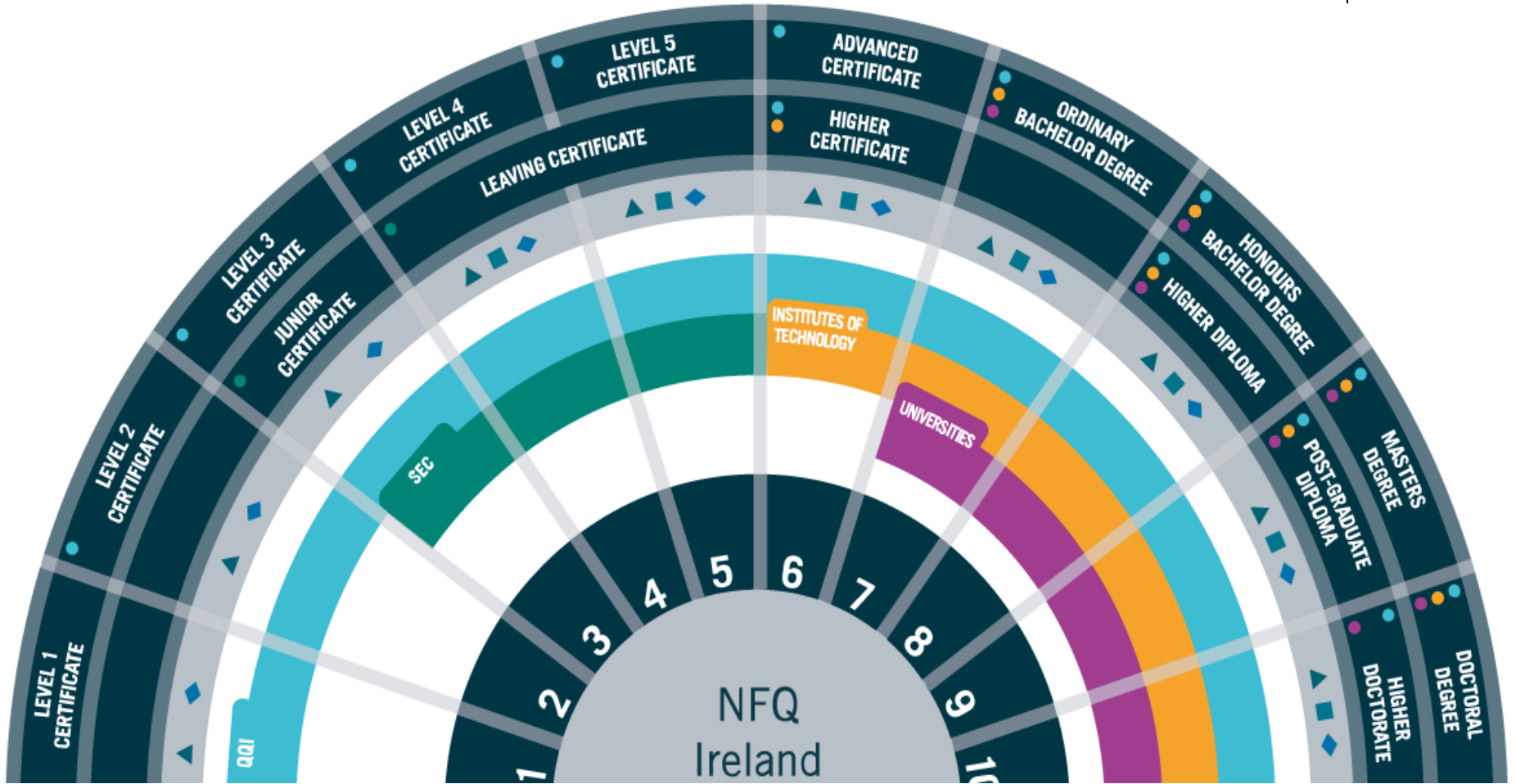
Subjects with a Project Option



- Art
- Agricultural Science
- Construction
- Engineering
- History
- Home Economics
- Geography
- LCVP



LEVELS OF COURSES ON OFFER AT 3RD LEVEL



3rd Level Entry Requirements



4 N.U.I. (National University of Ireland Colleges



OLLSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY



**Maynooth
University**
National University
of Ireland Maynooth



UCC

University College Cork, Ireland
Coláiste na hOllscoile Corcaigh





OLLSCOIL NA
GAILLIMHÉ
UNIVERSITY
OF GALWAY



**Maynooth
University**
National University
of Ireland Maynooth



UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh



4 NUI Colleges - Entry Requirements

Level 8 (3/4year hons degrees)

Minimum Entry Requirements

2H5 and 4O6/H7 – to include **Irish and English**

3rd language – needed for all except Science and Engineering courses (excluding Biotechnology)

Maths – needed for all courses except Arts degree

Science requirement – for all Science Engineering Medical Health Science and Nursing programmes

Three Other Universities



TRINITY
COLLEGE
DUBLIN



UNIVERSITY
of
LIMERICK
OLLSCOIL LUIMNIGH





UL and DCU - Entry Requirements
Level 8 (3/4year honours degrees) only

Minimum Entry Requirements

2H5 and 4O6/H7 – to include

**English and a 2nd language
(Irish or a modern language)**

Maths – needed for all courses and will accept foundation for some.

Science requirement – for all Science Engineering Medical Health Science and Nursing programmes



TRINITY
COLLEGE
DUBLIN



Trinity - Entry Requirements Level 8 (3/4year honours degrees) only

Minimum Entry Requirements

3H5 and 3O6/H7 – to include

English and a 2nd language (Irish or a modern)

Maths – needed for all and will accept foundation for some.

Science requirement – for all Science, Engineering, Medical. Health Science and Nursing programmes



Some Exceptions



**Maynooth
University**

National University
of Ireland Maynooth

Does not require a 3rd language
for Business or Law courses

**ALWAYS CHECK THE INDIVIDUAL
COLLEGE AS REQUIREMENTS
CHANGE**

Technological Universities (5) Institutes of Technology



TUS
Technological University of the Shannon:
Midlands Midwest
Ollscoil Teicneolaíochta na Sionainne:
Lár Tíre Iarthar Láir



OLLSCOIL TEICNEOLAÍOCHTA
BHAILE ÁTHA CLIATH
DUBLIN
TECHNOLOGICAL
UNIVERSITY DUBLIN



MTU MUNSTER
TECHNOLOGICAL
UNIVERSITY



CIT CORK
INSTITUTE OF
TECHNOLOGY

+



INSTITUTE OF TECHNOLOGY
TRALEE
INSTITIÚD TEICNEOLAÍOCHTA TRALEE



Ollscoil
Teicneolaíochta
an Atlantaigh
Atlantic
Technological
University



iadt
DUN LAOGHAIRE



institiúid teicneolaíochta dhún dealgan
DUNDALK
INSTITUTE OF TECHNOLOGY



Ollscoil
Teicneolaíochta
an Oirdheiscirt
South East
Technological
University

Technological Universities



<i>TECHNOLOGICAL UNIVERSITY</i>	<i>AMALGAMATION OF FORMER INSTITUTES OF TECHNOLOGY</i>
Technological University Dublin, (TU Dublin)	Dublin City Campus, Blanchardstown Campus and Tallaght Campus, Dublin merged
Munster Technological University (MTU),	Tralee IT and Cork IT Merged to form Munster Technological University
Technological University of the Shannon: Midlands Midwest (TUS)	Athlone IT and Limerick IT merged together
Atlantic Technological University (ATU)	Letterkenny IT, Sligo I.T and Galway-Mayo I.T merged together
South East Technological University (SETU)	Waterford I.T, Carlow I.T, Wexford I. T plus campus in Kilkenny and in Wicklow merged together

Technological University/ Institute of Technology



Entry Requirements

Level 6/ Level 7 Courses: 5 O6/H7 (Irish or English and Maths to be included)

Level 8 Courses: 2 H5 and 4 O6/H7 (Irish or English and Maths to be included)



TUS

Technological University of the Shannon:
Midlands Midwest
Ollscoil Teicneolaíochta na Sionainne:
Lár Tíre Iarthar Láir

MTU MUNSTER
TECHNOLOGICAL
UNIVERSITY

CIT CORK
INSTITUTE OF
TECHNOLOGY
INSTITIÚD TEICNEOLAÍOCHTA CHORCA

TRALEE INSTITUTE OF TECHNOLOGY
INSTITIÚD TEICNEOLAÍOCHTA TNA LU

Irish/ Language exemption



- If you have a Irish exemption because of a specific learning difficulty as diagnosed in a Psychological report that exemption continues to 3rd level
- The report may also indicate a modern language exemption but not always.
- If you have an Irish Exemption because you began your Education in the Irish System after the age of 11 – this continues to 3rd level but you do not have a modern language exemption – **You must study another language.**

Other Requirements/ Subject Specific



- **H4** in Irish is required for entry into Primary School Teaching in the Republic of Ireland
- **Science** subject for entry into nursing
- **H4 in Maths** or higher is required for entry into Level 8 Engineering programmes.
- **Chemistry** is required for entry into Pharmacy, Veterinary, Medicine, Dentistry, Human Nutrition



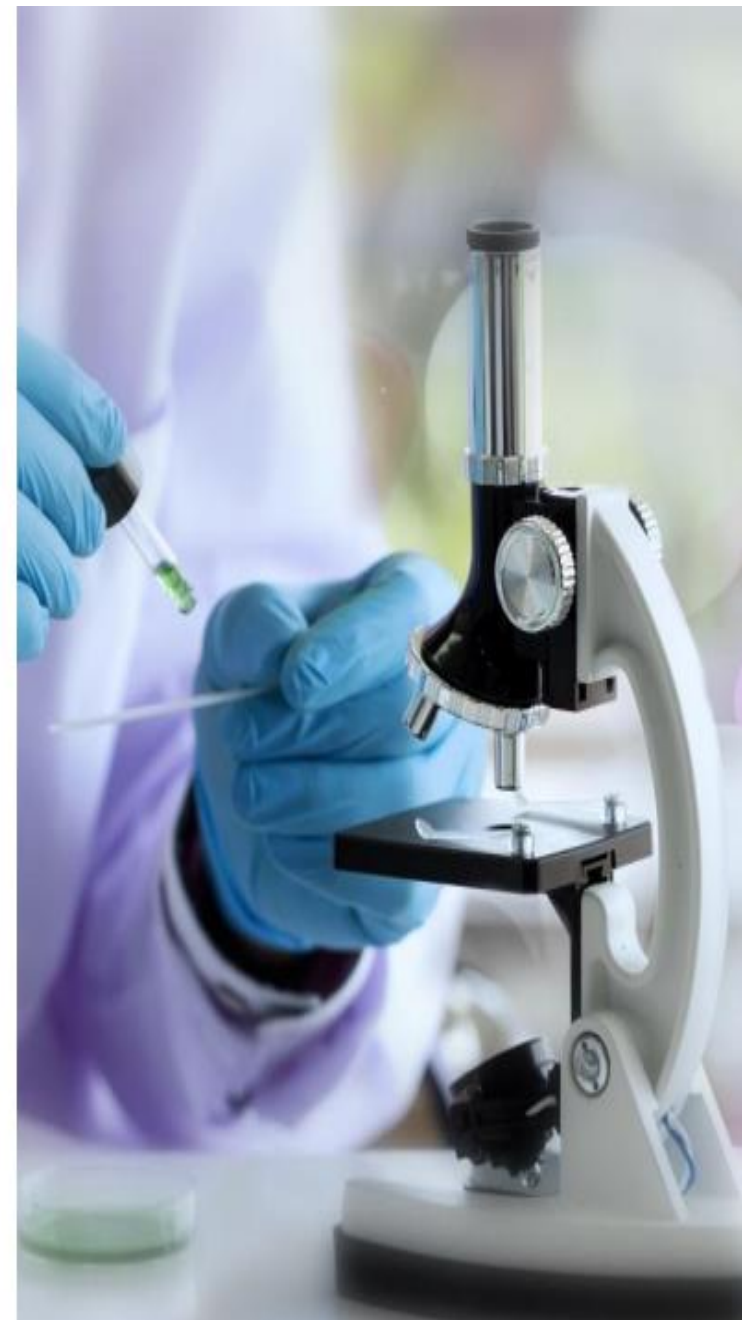
COURSE REQUIREMENTS



COURSE REQUIREMENTS AND THE SCIENCES

Course Specific Requirements

- Courses in Science, Medicine, Physiotherapy, Dentistry
- Courses requiring 2 science subjects:
 - Dentistry Medicine (5yr programme),
 - Pharmacy Any Science course in Trinity
- Courses requiring at least 1 science subject:
 - Veterinary Medicine (Chemistry), Nursing,
 - Speech & Language Therapy, Occupational Therapy,
 - Engineering, Dietetics (Chemistry)
 - Physiotherapy Medicine (6yr programme)
 - Science Courses in most universities and colleges





DO I NEED A MODERN FOREIGN LANGUAGE FOR COLLEGE

- **UCD, UCC, University of Galway, Maynooth University, RCSI**

Yes - except for courses in Science, Ag. Science, Social Science, Computer Science, Engineering, Nursing)

- **Trinity College Dublin & University of Limerick :**

Yes - if you don't have Irish

- **D.C.U. / T.U.D./Any Technological Universities**

No – unless there is a specific course requirement (eg Languages and International Tourism in TUD)



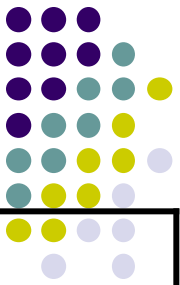
POINTS SYSTEM

All subjects count equally for entry to college or university

Points are calculated from the **student's six best results in one sitting** of the Leaving Certificate

Entry given to those with the highest points for competitive courses

Points Chart

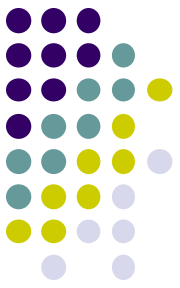


Grade(%)	Points Higher Level	Grade(%)	Points Ordinary Level
H1 (90-100)	100	O1 (90-100)	56
H2 (80-89)	88	O2 (80-89)	46
H3 (70-79)	77	O3 (70-79)	37
H4 (60-69)	66	O4 (60-69)	28
H5 (50-59)	56	O5 (50-59)	20
H6 (40-49)	46	O6 (40-49)	12
H7 (30-39)	37	O7 (30-39)	0
H8 (0-29)	0	O8 (0-29)	0



ADDITIONAL CORE SUBJECT FOR 5TH YEAR

LCVP What is it? Why study it?



- This stands for the **LEAVING CERTIFICATE VOCATIONAL PROGRAMME**
- This is a very practical subject
- It is compulsory to study this subject in 5th year in the school.
- It is a mix of work experience, business, the world of work and entrepreneurship.
- It can earn you **POINTS** that you can use to gain a place at 3rd Level.



ADDITIONAL CORE SUBJECT FOR 5TH YEAR

LCVP Curriculum

Section 1 Core Items

- Curriculum Vitae
- Interview Techniques/Strategies/Preparation
- Career Investigation
- Summary Report
- Enterprise /Product Design/ Action Plan

Section 2

- Diary of Work Experience
- Recorded Interview /Presentation
- Report on “My Own Place”
- Enterprise Report



LCVP ACTIVITIES

Inviting visitors
to the classroom

Conducting out-
of-school visits

Working in
teams

Work placement
during holidays/
mid-term break

Investigating the
local community

Organising
enterprise
activities

Actively
preparing for
work

Making
presentations

Using ICT





AT THE END OF 5TH YEAR STUDENTS CAN CHOOSE TO CONTINUE TO STUDY LCVP AS AN ADDITIONAL 8TH SUBJECT AND TAKE THE EXAMINATION.

LCVP STUDENTS RECEIVE THE SAME CERTIFICATE AS OTHER LEAVING CERTIFICATE STUDENTS, BUT THEIR CERTIFICATE INCLUDES AN ADDITIONAL STATEMENT OF THE RESULTS OF THE LINK MODULES.

Grade	Points	Equivalent to LC
Distinction	66	H4
Merit	46	H6
Pass	28	O2



LCVP Link Modules

<u>% Obtained</u>	<u>Grade</u>	<u>Points</u>
80-100	Distinction	66
65-79	Merit	46
50-64	Pass	28

LCVP REQUIREMENTS



- You must study Irish (unless you have an exemption)
- You must have studied or be studying a modern foreign language

Choosing Subjects: Core Subjects



Irish

English

Maths

These subjects must be studied by all students.

Exception:

If you have an official exemption from Irish now it follows through to Leaving Cert and on to 3rd level.

Subjects on Offer in St. John Bosco Community College.



- Construction
- Engineering
- Home Economics
- Chemistry
- Biology
- Agricultural Science
- Geography
- History
- German
- French
- Music
- Art
- Accounting
- Business

The Process of Choosing your Subjects



1ST – Order of Preference

- Construction
- Engineering
- Home Economics
- Chemistry
- Biology
- Agricultural Science
- Geography
- History
- French
- Music
- Art
- Accounting
- Business

You will be asked to **number the subjects in the order that you most want them. (1-5)**

The lines offered are created based on these initial responses.

Make your decisions after due consideration and research.

Teacher allocation and number of classes per subject are decided at this point.

The Subject Choice Process



2nd – Choosing subjects in lines

- Construction
- Engineering
- Design and Communication Graphics
- Home Economics
- Chemistry
- Physics
- Biology
- Agricultural Science
- Geography
- History
- French
- Music
- Art
- Accounting
- Business

When your initial responses are collated 4 SUBJECT LINES are created as you see on Leaving Cert/5th year timetables

You will then be asked to pick one subject on each line

Make sure to fill in details at the bottom if some of the lines offer you little option in relation to your initial preferences

Example of possible subject lines based on fictional student replies



1) Engineering Home Economics Art Business

2) Construction French/German History Accounting

3) Biology Geography Ag. Science Home Economics

4) Accounting French/German Chemistry Construction

Note



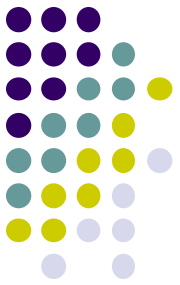
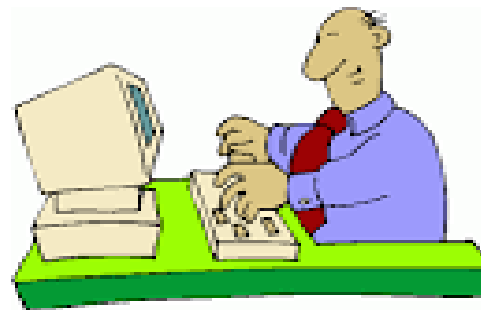
- Two classes in any subject will only be available if student numbers are sufficient and teachers are available.
- St. John Bosco Community College strive to make as many subjects available to students as possible and to give students the subjects they desire.
- Be proactive and decisive in your subject choice based on thorough research.

Accounting



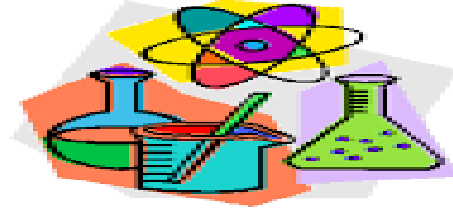
- The student needs to enjoy bookkeeping.
- Get satisfaction when accounts balance.
- Enjoy working with numbers.
- Be organised.
- Show good attention to detail.
- Having done J.C. Business an advantage but not essential.
- Be prepared to problem solve.
- It teaches students the bookkeeping side of business but delves deeper, teaching students to analyse and interpret the figures.
- It is assessed through **one three hour exam**.
- Career pathways might include accountancy, actuarial studies, marketing, business or finance.
- It would also be an important subject choice for those thinking of starting their own business.

Business



- It is the study of the environment in which a business operates.
- Need to like **memorising material**.
- If a student is good at expressing themselves on paper and knows the course it will be a huge advantage and high grades can be achieved.
- A very theoretical subject with very useful applications.
- Leaving cert Business is assessed through **one 100% exam**.
- Business is **NOT specifically required for entry into** any third level course but it would certainly be beneficial for candidates who might be interested in courses or careers in the area of finance, banking, insurance, enterprise, law, communications.

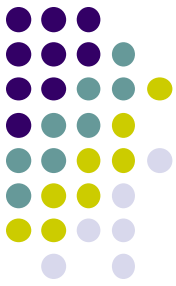
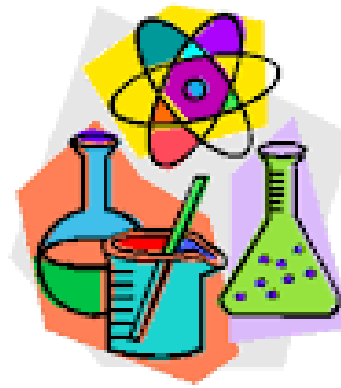
Agricultural Science



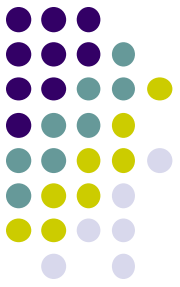
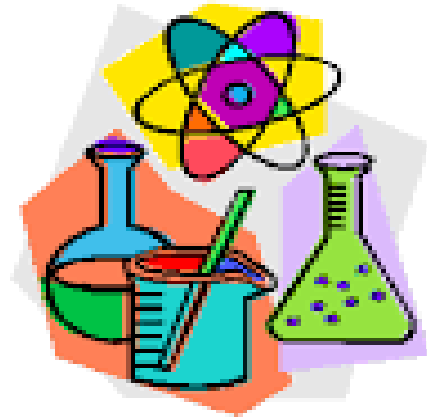
- One of the four Science Subjects
- Practical Project = worth 25%
- Study of the locality and rural way of life
- Basic knowledge of farming a help but not essential if the student is prepared to work.
- Easy to relate content to the real life
- **Science of Agriculture** not **Agriculture**
- Helps if you likes Science at Junior Cert level.
- You will study plants and animal types associated with agriculture.
- Investigations are undertaken into such aspects as soil, ecology, plant and animal physiology, farm crops, farming practices, genetics and microbiology.
- **75% of the marks are going for the written paper.**
- **25% of the marks are based on an assessment of your work (including investigations and practical experience)**
- It's popular among students who are looking to study veterinary, science zoology or agriculture in college
- **It is NOT essential for any CAO courses.**

Biology

- One of the Science Group Subjects
- Very long course.
- Perceived to be the easiest Science subject but it is not. A very popular choice.
- The student must like memorising material
- Drawing ability a help
- You **MUST have biology for Genetics in UCC, Human Health & Disease in Trinity and Veterinary Medicine in UCD.**
- The study of biology would be a distinct advantage for any biology based courses including medicine, nursing as well as environmental sciences or biotechnology.



Chemistry



- One of the Science subjects
- It is a challenging Science subject
- It is essential for entry into some 3rd level courses e.g veterinary, dietetics, medicine
- Formulae now found in log tables so not as much learning off as before.
- A reasonable ability at Maths is necessary
- Huge job opportunities for Chemistry graduates
- Useful foundation for many 3rd level courses in the Engineering and Science areas as well as in the food/nutrition industries.

Construction



- Interest in general construction desirable. You will be learning every aspect about the house you live in from foundation to walls, doors, roof, etc....
- Interest in drawing desirable. Drawing a house to scale
- Topics: Energy efficiency, carbon footprint, sustainable development.
- Junior cert Technical Graphics and Woodwork not essential but are a help
- **25% project** of your choice e.g. table/model of a house.....
- **50% theory and drawing details**
- **25% day practical exam** in woodwork/construction
- Careers: Cabinet making/civil engineering/health and safety/architecture/structural engineering



Engineering – Materials and Technology



- **25% Project**
- **25% Practical exam**
- **50% Theory**
- Excellent introduction to any 3rd level course in Engineering/design/materials/science/manufacturing
- Examines materials (both metals and non-metals) and their properties.
- Examines how ordinary everyday items are manufactured and how complex components are assembled.
- This theory is then applied in the workshop in the projects the students design and make.



Why study Art?

If you have natural ability you need not ask this question as your talent is something that needs to be nurtured and developed. Art is a very worthwhile subject choice leading to careers in areas as diverse as:

- Graphic design
- Interior design
- Architecture
- Software design
- Fashion design
- Gallery curator
- Make-up artistry
- Advertising
- Film production
- Engineering- Environmental Planning
- Primary school teaching.



Art

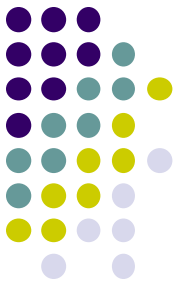


- Art to Junior Cert is an advantage but not mandatory, what's most important is to have a genuine interest in the subject
- The Art Practical is now an ongoing project completed in school. Attendance is mandatory. Work cannot be done at home.



German/ French

- Students need to have a good foundation in Junior Certificate German/ French in order to do higher level in the Leaving Certificate.
- **A continental language is necessary for some courses** in some colleges.
- **45% of marks in the Leaving Certificate exam go between oral and aural exams.**
- Students must be committed to working consistently throughout the two years of the Leaving Certificate course in order to develop their skills in **speaking, reading, listening and writing.**
- **Cultural understanding-** Speaking a new language helps you to get to know another people and culture
- An obvious reason to learn a new language is to be able to communicate with the people who speak it. This includes both the people you meet when traveling as well as people in your own community. Very useful especially when combined with Business/ Law/ Science/ Engineering.



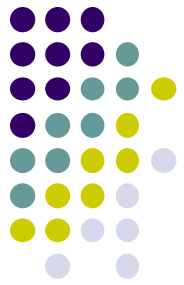
Geography



- A very interesting subject as it is so varied.
- Students must complete **a field trip** and this accounts for **20%** of the total exam.
- It involves a mixture of learning, researching, drawing, map reading and reading. Great variety of learning styles
- It is not essential for any course but can be counted as a Science subject in a limited number of courses.



Why study History?



- History gives students the skills to explore and analyse many of the major developments that have shaped our current world.
- Studying history provides a sound academic and practical basis for a variety of careers.
- It gives students skills of analysis, problem solving and independent thinking which are essential at third level.
- History students acquire a broad perspective that gives them the range and flexibility required in many work situations – law, public administration, research and development and teaching.

Why study History?



- Studying history **improves basic writing, speaking and analytical skills** which are essential requirements for work in both the public and private sector.
- History students develop **research skills** along with the ability to find and evaluate sources of information and the means to identify and evaluate diverse sources.
- It is beneficial if the student has **a good command of English – 3 essay style answers** are required in the exam.
- **A document based question** provides students with the opportunity to examine political cartoons, speeches, news reports and evaluate their contribution to a certain topic.
- **The project is worth 20% and is pre-submitted**, the student chooses a topic of historical significance for independent research.



Home Economics

- Very relevant to today's world and so material is accessible
- Learn about social skills
- Optional textiles section
- Study interior design
- Opportunity to create your own menus
- Nutrition and diets etc...
- **Journal Pre-Submitted: worth 20% of final exam**



Music



- 3 Components
 - Composing**
 - Listening**
 - Practical**
- **Each of these accounts for 25%**
- The remaining 25% can be taken from any of the above i.e. the **practical element can be 50%**
- For the practical, students must present one or two of the following activities
 - ✚ Singing solo/group
 - ✚ Playing an instrument
 - ✚ Music technology



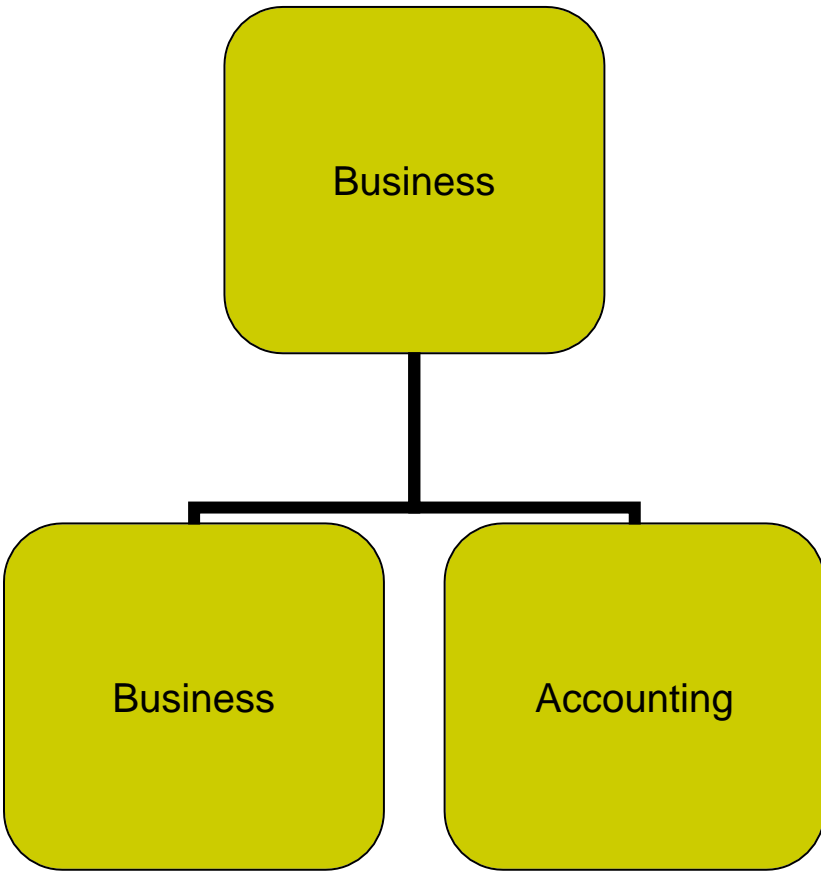
Science

Chemistry

Physics

Biology

Agriculture
Science
(not recognised
as a
Science subject
in the UK)



Language

French

German

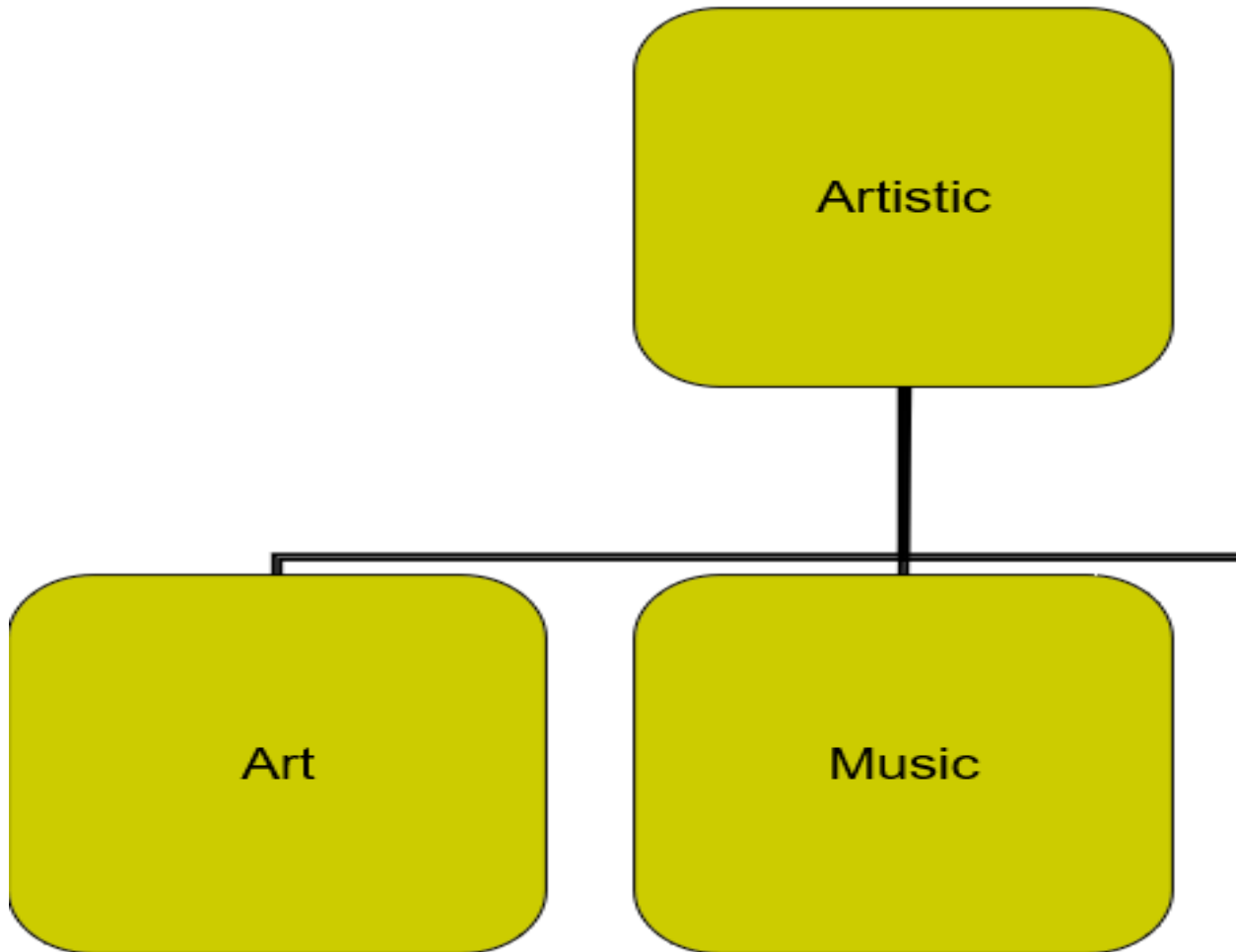


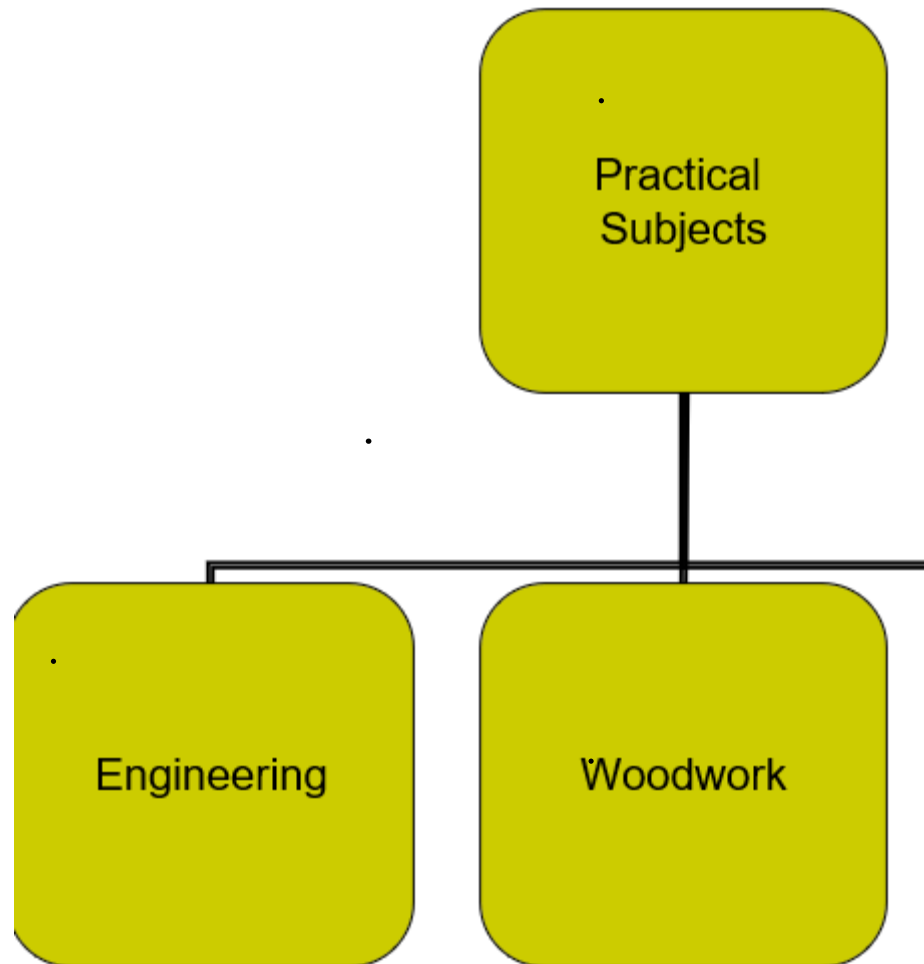
Social
Science

Geography

History

Home
Economics





KEEPING ALL OPTIONS OPEN



- ENGLISH
- IRISH
- MATHS
- MODERN FOREIGN LANGUAGE
- SCIENCE SUBJECT
- BUSINESS SUBJECT
- SUBJECT YOU ENJOY

SCIENCE SUBJECT: CAREER AREAS



- SCIENCE
- ENGINEERING*
- MEDICINE
- DENTISTRY
- VETERINARY
- PHARMACY
- PHYSIOTHERAPY
- RADIOGRAPHY
- NURSING
- NAVAL CADETS
- ARCHITECTURE
- OCCUPATIONAL THERAPY
- SPEECH THERAPY
- SPORTS SCIENCE
- MEDICAL LAB. SCIENCE
- DIETETICS
- OPTOMETRY
- PRODUCTION MANAGEMENT
- INDUSTRIAL DESIGN
- INFORMATIONTECHNOLOGY.

THIRD LANGUAGE: CAREER AREAS



- **NUI Colleges**
- **College of Surgeons**
- **Cadets**
- **Hotel Management**
- **Tourism**
- **DEGREES in EUROPEAN STUDIES.**
- **LANG. and CULTURE**
- **APPLIED LANGS**
- **B.A. LANGUAGES**
- **LAW +**
- **COMPUTERS +**
- **ENGINEERING +**
- **BUSINESS +**
- **SCIENCE +**



INPORTANT

- THERE ARE EXCEPTIONS TO EVERY RULE.
- IF YOU HAVE SOME **SPECIFIC CAREER AREA IN MIND CHECK IF IT HAS ANY SPECIFIC REQUIREMENTS.**
- ASK QUESTIONS.
- DO YOUR RESEARCH.

IMPORTANT



This information is general and broad in nature. If you have a particular area of interest or any question,

ASK???

Don't assume and regret staying quiet later.

Useful Websites



www.cao.ie – College entry system in Ireland

www.ucas.com – UK/NI College entry system

www.qualifax.ie – Course/Career/Subject research

www.careersportal.ie – Course/Career/Subject

www.careersnews.ie – Daily updates

www.accesscollege.ie – HEAR/DARE

www.apprenticeships.ie – How to register for apprenticeships

www.fetch.ie - Further Education and training courses

All 3rd level institutions have a website





Overview

- Modern Language Requirement for entry to NUI Universities – (Except Science and Engineering)
- Science Requirement – necessary for so many courses
- Note: Agricultural Science is recognised as a subject in the UK but not as a Science subject. Won't cover you if two Science subjects are required.

Conclusion



- These are important decisions
- It is **YOU** that will have to sit the Leaving Certificate Exam, What papers do you want to be completing?
- **YOU** must be active in your research
- Ask questions!
- It is time to think where you want to go in the future. You don't need to know your absolute destination but it helps to know in what direction you are headed.

Conclusion: What next?



- Mr O Rourke will forward a link after this presentation to an electronic form on VSWare for students to fill in their subject choices.
- A video showing students/parents how to do will be emailed to parents.
- Closing date for receipt of subject choices is **Friday April 12th**



- **YOUR FUTURE**
- **YOUR EXAMS**
- **YOUR RESPONSIBILITY**
- **YOUR CHOICE**