

### IRISH (H)

1. Ceapadóireacht
2. Leamhthuisicint
3. Prós ainmnithe
4. Fíllíocht ainmnithe
5. An Chluastuisicint
6. Gramadach
7. Litríocht Bhreise

### MATHS (O)

1. Algebra & Functions
2. Differentiations
3. Complex Numbers
4. Statistics
5. Trigonometry
6. Area, Volume

### IRISH (P)

1. Ceapadóireacht
2. Leamhthuisicint
3. Fíllíocht ainmnithe
4. Prós ainmnithe
5. An Chluaistuisicint
6. Gramadach

### HOME ECONOMICS (H)

1. Food Studies
2. Resource Management
3. Social Studies
4. Exam Questions
5. Exam Technique
6. Layout & Presentation

### SPANISH (H)

1. Written Production
2. Grammar
3. Reading Comprehension
4. Dialogue Construction

## Bruce SENIOR COLLEGE

for Advanced 4th Year,  
5th, 6th & Repeat  
Leaving Certificate Students

*Our Senior College Offers...*

- **Wide Range of Subjects**
- **Supervised Study**
- **Continuous Assessment**
- **Access to Revision Courses**
- **Access to Tuition Classes**
- **Regular Study Skills Seminars**
- **Motivated and Experienced Teachers**
- **Career Guidance**

## PART-TIME COURSES

### REVISION COURSES FOR JUNIOR AND LEAVING CERTIFICATE STUDENTS

*(sitting exams in June 2017)*

### ORAL DAY COURSE

Leaving Certificate

**Irish** - Saturday March 25th

**French, German & Spanish** - Saturday April 1st

### SCHEDULED GRINDS

Available evenings and weekends

# Bruce

COLLEGE

### EASTER REVISION COURSE

JUNIOR & LEAVING CERTIFICATE

**Tuesday,  
April 18th  
to  
Saturday,  
April 22nd  
2017**



#### NOTE:

1. Detailed notes are supplied on all topics.
2. Relevant texts and equipment should be brought to all classes.
3. No eating or smoking allowed in the building.
4. No chewing gum within the building.
5. Any breaches of discipline will result in immediate expulsion from the course without refund of fees.
6. Students should have Exam Papers for each class.
7. Students must bring Admission card at all times.
8. Students must be punctual, as late comers disturb class and will not be admitted.
9. Bruce College is not responsible for damage to or loss of any student's property.
10. The list of topics under each subject are intended as a general guide and may change.

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# COURSE OUTLINE JUNIOR CERTIFICATE

(Topics taken from the following)

● **BUSINESS PAPER (H) 1:** - Revised household budgets - Club accounts - Documents - Consumer - Trading, Profit & Loss Appropriation Account.

● **BUSINESS PAPER (H) 2:** - Final Accounts - Trading, Profit & Loss Balance sheet - Ledgers - Sales & Sales Returns - Profit & Profit Returns - Double Entry Ledgers - Economics - Industrial Relations

● **ENGLISH (H):** - Personal Writing - Functional Writing - Media Studies - Drama - Fiction & Poetry

● **FRENCH (H) :** - Grammar - Listening Comprehension - Reading Comprehension and Written Expression (formal letters, informal letters, post cards, messages)

● **GEOGRAPHY (H):** - Atmosphere (Wind, Pressure, Ocean Currents) - Atmosphere (Water Cycle, Weather) - OS Maps - Energy (Water, Oil Peat) - Population Density Photographs - Weathering & Mass Movement - Secondary Economic Activities - Inequality in International Trade - Rivers.

● **GERMAN (H):** - Reading Comprehension - Written Expression & Listening Comprehension - Grammar

● **HISTORY (H):** - Short Questions, Pictures, Focus on Evidence, Answering Questions and Exam Techniques.

● **IRISH (H):** - Ceapadóireacht (Scéal, Díospóireacht, Aiste, Litreacha) - Léamhthuiscintí (Trialacha Teanga Comhtheacsula) - Pros Liteartha - Filíocht - An Chluastuiscint

● **MATHS (H) PAPER 1:** - Algebra, Financial Maths, Function and Graphs

● **MATHS (H) PAPER 2:** - Area and Volume, Co-ordinate Geometry, Trigonometry, Synthetic Geometry Probability and Statistics

● **MATHS (O):** - Algebra, Functions and Graphs - Co-ordinate Geometry - Area and Volume - Trigonometry - Probability & Statistics - Geometry.

● **SCIENCE (H) COURSE 1:** - Ecology - Solutions/Water/Separation - Heart - Breathing - Respiration - Food - Energy (heat, light, sound)

● **SCIENCE (H) COURSE 2:** - Gases - Metal/Plastic - Atomics - Reproduction/Genetic/Micro - Electricity/Magnetism - Calculation

- **SUMMARY NOTES PROVIDED ON TOPICS COVERED.**
- **FOCUS ON KEY EXAMINATION TOPICS.**
- **SAMPLE ANSWERS PROVIDED.**

# COURSE OUTLINE LEAVING CERTIFICATE

(Topics taken from the following)

## ACCOUNTING COURSE (H) 1

1. Revaluation of Fixed Assets
2. Cashflow Statements
3. Tabular Statements
4. Ratios Formulae
5. Interpretation of accounts

## ACCOUNTING COURSE (H) 2

1. Control accounts
2. Suspense accounts
3. Marginal Costing
4. Total Production Cost Budgets
5. Depreciation of Fixed Assets

## BIOLOGY COURSE (H) 1

1. Photosynthesis / Nutrition
2. Genetics & Heredity
3. Ecology
4. Human Reproduction / Endocrine system
5. Plant structure / plant transport

## BIOLOGY COURSE (H) 2

1. Respiration / Enzymes
2. DNA/RNA Genetic Engineering
3. Microbiology / Viruses
4. Plant reproduction / Plant responses
5. Mandatory experiments

## GEOGRAPHY COURSE (H) 1

1. Plate Tectonics / Volcanoes / Earthquakes
2. Rocks / Folding & Faulting / Mechanical Weathering
3. Chemical Weathering / Mass Movement / Rivers
4. Coastlines / OS Maps / Aerial Photographs
5. Glaciation / Isostasy / Weather Maps

## GEOGRAPHY COURSE (H) 2

1. The Greater Dublin Area / Western Region – regional maps / physical processes / primary activities
2. The Greater Dublin Area / Western Region – secondary & tertiary activities
3. The Paris Basin / Mezzogiorno – regional maps / physical processes & primary activities
4. The Paris Basin / Mezzogiorno – secondary & tertiary activities
5. Human processes e.g. population change, urban growth etc / characteristics of regions

## BUSINESS COURSE (H) 1

1. Unit 3 Managing 1
2. Unit 4 Managing 2
3. Unit 5 Business in Action
4. ABQ

## BUSINESS COURSE (H) 2

1. Unit 1 People in Business
2. Unit 2 Enterprise
3. Unit 6 Domestic Environment
4. Unit 7 International Trade

## CHEMISTRY (H) COURSE 1

1. Water
2. PH+ Indicators
3. Thermochemistry
4. Organic Experiments
5. Rates of Reaction

## CHEMISTRY COURSE 2

1. Chemical Equilibrium
2. Oxidation Reduction
3. Volumetric Analysis
4. Families of Organic Compounds
5. Types of Reactions

## HISTORY (H) COURSE 1

1. DBQ - Stalin's Show Trials
2. Pursuit of Sovereignty - WW2 North & South
3. USA - Johnson & Vietnam War
4. Northern Ireland - Apprentice Boys of Derry
5. How to write a History Essay

## HISTORY (H) COURSE 2

1. DBQ – Jarrow Crusade
2. Pursuit of Sovereignty – Cultural Identity
3. USA - advances in Military / IT / Moon Landing
4. Northern Ireland – Political Responses to the Troubles
5. How to write a History Essay

## MATHS (H) PAPER 1

1. Algebra
2. Differential Calculus
3. Complex Numbers
4. Logs & Exponentials
5. Functions

## MATHS (H) PAPER 2

1. Co-ordinate Geometry of the line
2. Co-ordinate Geometry of the circle
3. Geometry & Theorems
4. Trigonometry
5. Probability/Statistics

## PHYSICS (H) COURSE 1

1. Light
2. Sound
3. Heat & Temperature
4. Electricity
5. The Electron

## PHYSICS (H) COURSE 2

1. Electricity
2. Electromagnetic induction
3. Radiation
4. Nuclear physics

## AGRICULTURAL SCIENCE (H)

1. Outline of course, Animal Production
2. Experiments
3. Genetics
4. Outline of interview
5. Crops and soil science

## ART HISTORY (H)

1. Newgrange
2. Manuscripts
3. Romanesque and Gothic Architecture
4. 20th Century Surrealism
5. Exhibition Appreciation
6. Public Art and Urban Renewal.

## APPLIED MATHS (H)

1. Relative Velocity
2. Collisions & Impacts
3. Differential Equations
4. Moments of Inertia
5. Circular and Simple Harmonic Motions

## ECONOMICS (H)

1. Elasticity
2. Cost Curves
3. Market Structures
4. Factors of Production
5. Demand/Supply/Utility
6. Banking Sector
7. Inflation/Economic growth
8. National Income
9. International Trade
10. Government & Economy
11. Historians
12. Population/Economics/Growth/ Systems

## CONSTRUCTION STUDIES (H)

1. Sustainable Design
2. Passive Solar
3. Building Detail
4. Site Safety
5. Building Design, Access for all
6. Heat & Building (U-Values)

## ENGLISH (H)

1. Approaching Shakespeare
2. Unseen Poetry
3. Poet 1
4. Poet 11
5. Comparative Texts, General Approach
6. Essay Writing

## MUSIC (H)

1. The 4 Set Works
2. Irish Music Listening
3. Aural Skills
4. Major Key Melody
5. Minor Key Melody
6. Major Key Backing Chords & Base Line
7. Minor Key Backing Chords & Base Line

## DESIGN COMMUNICATION (GRAPHICS) (H)

1. Plane Geometry
2. Axonometric Projection
3. Perspective Projection
4. Conic Section
5. Oblique Planes

## FRENCH (H)

1. Revision of the Main Tenses
2. Vocabulary
3. Written Comprehensions
4. Written production including sample essays
5. Oral work

## GERMAN (H)

1. Text 1 & 2
2. Verbes & Tenses
3. Äußerung zum Thema
4. Letter writing
5. Listening Comprehension
6. Grammar: Article, Prepositions and Pronouns

## RELIGIOUS EDUCATION (H)

1. Overview of Section A, B & C (Review topics & Key terms)
2. Exam Technique
3. Sample answers for each section
4. Section G, Worship, Prayer & Ritual

CONTINUES OVERLEAF