

ignite excellence

SCIENCE PROGRAM (Year 8-9)

PROGRAM OVERVIEW

Science, Technology, Engineering and Mathematics underpin many functions of our modern society and have wide reaching impacts on our everyday lives. Grace Lutheran College has designed its IGNITE EXCELLENCE: SCIENCE Programs and Pathways to provide opportunities for our high achieving students to graduate 'future-focused'. Combining enrichment and extension experiences in both scientific theory and practice, the program offers an array of opportunities for students to excel and develop their passion and skills for future careers in Science. First class teaching and industry connections ensure our students learn from experienced and passionate leaders in this subject. Grace Lutheran College has long standing relationships with leading industry partners such as Macquarie University, QUT, University of Queensland, Medical Research Institutes, SPARQ-ED, Boeing, STEM Punks, CSIRO, First National Robotics League and more.

The Caboolture Campus' IGNITE EXCELLENCE: SCIENCE Program is specifically designed for students who demonstrate high levels of talent and interest (for their age) in this subject.

In Year 7, a combined IGNITE EXCELLENCE: MATHEMATICS AND SCIENCE Program is on offer. From Year 8, the IGNITE EXCELLENCE: ACCELERATED MATHEMATICS and IGNITE EXCELLENCE: SCIENCE Program are separate entities and students can be in one without being in the other.

The IGNITE EXCELLENCE: SCIENCE Pathway for Years 8-9 provides identified students with enrichment, extension or challenge activities, allowing high achieving students the opportunity to explore their strengths within this discipline at greater depth. The Science teachers of the identified students can provide opportunities for these students to work through the Australian Curriculum at a pace suited to their needs and/or provide additional enrichment opportunities.

In Year 10, in addition to completing ACARA requirements, students can select from specialist elective Science subjects that lay the foundation for their chosen pathways in Years 11 and 12 and beyond. Early commencement of University study is also available to students in this program.



Year 7 - 12 IGNITE EXCELLENCE: SCIENCE PATHWAYS

Year 7 - 9

Ignite Excellence
Science Pathways

Year 10

General Science
Physical Science
Natural Science
STEM

Senior Science Subject Options:

Physics
Chemistry
Biology
Psychology

Please note: Subjects on offer can change annually

APPLICATION PROCESS

To be eligible for the IGNITE EXCELLENCE: SCIENCE Program students must:

- Demonstrate talent and enthusiasm in the area of Science;
- Be committed to the high level of motivation, achievement, effort and participation required;
- Be able to work independently and in small groups;
- Demonstrate Report Card results in Science which indicate their suitability for this program;
- Submit an application form for consideration; and
- Complete any additional testing as requested.

SUBMIT AN APPLICATION FORM

Application Approved

Placement in the IGNITE EXCELLENCE: SCIENCE program for that academic year. The student is identified and flagged for extension/enrichment in Science. Students must reapply annually

Application Not Approved

Students can still achieve to their potential as differentiation can be made available in Science (when needed)

NEW STUDENTS TO THE COLLEGE

- Students entering Years 8 or 9 are to complete the application form (link below);
- Students entering Year 7 should select the IGNITE EXCELLENCE: YEAR 7 MATHEMATICS AND SCIENCE Program on the application.

New students to the College (including those commencing Year 7) are encouraged to apply for the various IGNITE EXCELLENCE Programs in Term 2 of the year prior to entry. A copy of the student's most recent Report Card (and any other suitable documentation) should be provided with their application form.

The College uses all the available data to make decisions about the best placement of the child. The College reserves the right to make final decisions regarding a student's participation in the IGNITE EXCELLENCE: SCIENCE Pathway.

At times there may be additional costs for students involved in the program, for particular experiences or resources related to their curriculum. To remain in the pathway, students must demonstrate the level of achievement, commitment, participation, independence and behaviour required. This exemplary behaviour standard must also be maintained across all aspects of the student's life at the College.

CURRENT STUDENTS AT THE COLLEGE

Existing GLC students are encouraged to express their interest in applying for the IGNITE EXCELLENCE: SCIENCE Program by completing the application using the link below. Please note this application must be received prior to subject selection in Term 3.

To apply for this program, visit [Ignite Excellence Programs Application Form](#) (Caboolture) or scan the QR code.



For more information on the Program, please contact the Learning Lead of Science (Mr Martin Trubody) via email: martin_trubody@glc.qld.edu.au or telephone on (07) 5495 2444.



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