



## Enrich



## Enable



## Extend



# THE HILLS GRAMMAR SCHOOL

## Honours Program

The Hills Grammar School provides an academic Honours Program, specially developed for students with high ability and covering a range of curriculum areas.

Each student's individual talent is valued, while giftedness is planned for and given scope to flourish. These programs extend and enrich the learning of students who are intellectually ambitious and who have the ability to work above and beyond the core curriculum. The programs offer flexible pathways.

### Humanities

- English, History & Latin in Years 7 & 8
- English Honours, History Honours, Elective Latin in Years 9 & 10

### Mathematics

### Science

- Environmental Science in Year 7, 2011

### Australian History and Geography

### Languages

Academic, Music and All-Rounder Scholarships are available to students commencing in Years 7, 9 & 11.



Founded 1982

Pre-K - 2	<b>Literacy</b> ECEC - 2 Ants in the Apple and Zoo Phonics Integrated theme-based texts program Reading level monitored on a regular basis	<b>Mathematics</b> Enrichment & Extension Curriculum Differentiation LIEN (Learning in Early Numeracy Program)	<b>Science</b> Integrated theme-based learning program Curriculum differentiation Specialist groups / projects	<b>Languages</b> French Accelerated Integrated (Gesture Method) Story & Theatre based lessons all in French Performance in French	<b>Music Co-curricular</b> Campanellas Sinfoni	<b>Music Curricular / Private Tuition</b> Infants Singing Year Choirs Year Two Violin Private Tuition (K-12) Music Showcase (K-12)	<b>Performing / Dramatic Arts</b> Drama / Music Creative and Performing Arts Performances	<b>ICT</b> Theme-based integrated learning Skills development in context Graphics Word Processing Problem Solving Maths	<b>Visual Arts</b> Experiential Specialist Art Teacher / Art Room	<b>PD/H/PE</b> Specialist PE Teacher Sports Development Specialists Year 2 Swimming Program
3&4	<b>Literacy</b> Integrated theme-based texts program Accelerated Reader Hall of Fame Library Program	<b>Mathematics</b> Enrichment & Extension Mathletics Maths Olympiad UNSW Maths Comp	<b>Science</b> Integrated theme-based learning program Curriculum differentiation Specialist groups / projects	<b>Languages</b> French (Gesture Method) Performances in French	Year Three Melodmakers Junior Band Junior String Ensemble Songmakers – Yr 4-6 Girls Trebmakers – Yr 4-6 Boys Junior Music Camp	Year Choirs Year Three Cello Year Four Brass & Woodwind Visiting Artists: Oz Opera, Musica Viva, Young Australia Workshop Music Showcase (K-12)	<b>Performing / Dramatic Arts</b> Drama/music Script Writing and Performance	<b>ICT</b> Theme-based integrated learning E-books Digital Research	<b>Visual Arts</b> Experiential Specialist Art Teacher / Art Room <b>Co-curricular</b> Digital Photography Junior Art Club	<b>PD/H/PE</b> Specialist PE Teacher Sports Development Specialists Sport & Gala Days Year 3 Gymnastics  <b>Combined Independent Schools Representation</b>
5&6	<b>Literacy</b> Integrated theme-based texts program Accelerated Reader Library Program	<b>Mathematics</b> Maths Olympiad Maths Investigation UNSW Maths Comp AIS Maths Challenge Camp	<b>Science</b> Dedicated Laboratory Theme-based enrichment Hills G&T Network UNSW Science Comp	<b>Languages</b> French Accelerative Integrated (Gesture Method)  French Day French Breakfasts	Junior String Ensemble Junior Flute Ensemble Junior Training Band Songmakers – Yr 4-6 Girls Trebmakers – Yr 4-6 Boys Junior Music Camp HICES Music Festival	Year Five Guitar Year Six Performing Arts Music Craft & Musicianship (5-11) Visiting Artists: Oz Opera, Musica Viva, Young Australia Workshop Music Showcase (K-12)	<b>Performing / Dramatic Arts</b> Chor'Us Music Theatre Dance; Music Script Writing	<b>ICT</b> Moodle, Video editing, Animation software, Green screen technology, Web page design	<b>Visual Arts</b> Experiential Specialist Art Teacher / Art Room <b>Co-curricular</b> Digital Photography Junior Art Club	<b>PD/H/PE</b> + Sport: House, Zone Hills Zone Comp
7&8	<b>Humanities Honours</b> English History Latin	<b>Mathematics Enrichment/ Extension</b> Compete in Senior Division APSMO	<b>Environmental Science</b> Honours Year 7, 2011 (Science and Geography)  <b>Science</b> Graded classes in Yr 8 Science week UNSW Science Competition	<b>Languages</b> French German Japanese Latin (Humanities Hons. Only) + Yr 8 Classics Camp	Guitar Ensemble Vocal Ensemble Intermediate Band Intermediate String Ensemble Senior Concert Band Percussion, Flute, Guitar Ensemble HICES Music Festival	Year Performance Evenings Music Craft & Musicianship (5-11) Streamed classes based on musical ability & experience Visiting Artists: Musica Viva Sydney Sinfonia Schools Program Music Showcase (K-12)	<b>Performing / Dramatic Arts</b> Chor'Us Experiential Drama Jnr Drama Ensemble Theatre Sports	<b>Mandatory Technology</b> Project Based Learning Minister's Young Designers Awards Go4Grains - Kids' Design Challenge	<b>Visual Arts</b> Streaming of classes Differentiated curriculum <b>Co-curricular</b> Photography Ceramics Art Club	<b>PD/H/PE</b> Year 7, 8 Camp Sport: House, Zone Life-saving program
9&10	<b>English Honours</b> Independent Research Skills (Bloom's Taxonomy) Comparative study of literary texts Classic and contemporary poetry, drama, novels, non-fiction Advanced literary analysis and essay writing skills  <b>Australian History / Geography Honours</b> IST research-based multi-media tools Comparative studies / analysis  <b>Elective Latin</b>	<b>Mathematics Enrichment/ Extension</b> AMT Mathematics Enrichment Program (Euler, Gauss, Noether, Polya) AMT Intermediate Olympiad	<b>Science Enrichment and extension</b> Science week UNSW Science Competition STANSW Young Scientist Chemistry Competition Brain Bee Challenge (Year 10 only) Siemens Science Experience	<b>Languages</b> French German Japanese Latin  Student Exchange O/S Trips & Homestay  Macquarie University Ancient Languages Winter & Summer Schools	Senior Guitar Ensemble (9-12) HICES Music Festival (7-12) Senior House Choir (7-12) Senior Concert Band Senior String Ensemble (7-12) Senior Orchestra (7-12)	Elective Music Year Performance Evenings Music Craft & Musicianship Music Café Sydney Symphony 'Meet the Music' (Elective 10 & 11) Music Showcase (K-12)	<b>Performing / Dramatic Arts</b> Elective Drama Jnr Drama Ensemble Snr Drama Ensemble  Theatre Sports Film Club	<b>Food Tech</b> Event Catering / Event Service  <b>Industrial Technology</b> + Year 9 Woodwork Challenge Robocup  <b>IT / IST</b> + Solar Challenge, Robocup, CISCO IT	<b>Elective Visual Arts</b> Extension Tasks Cultural Studies Year 10 Camp <b>Co-curricular</b> Photography Ceramics Art Club	<b>PD/H/PE</b> <b>Year 9 Camp</b> <b>Year 9 Extension</b> Physical Activity & Sports Studies Life-saving program First Aid course
11&12	<b>Advanced + Ext 1</b> English Modern History Ancient History History Extension Latin + Extension  <b>Co-curricular</b> Debating / Public Speaking	<b>Mathematics Adv &amp; Ext 1 in 11</b> <b>Mathematics Ext 1 &amp; Ext 2 for HSC</b>  <b>Australian Mathematics Olympiad</b>	<b>Physics Olympiad Training</b>  Physics Chemistry Biology EES	<b>Languages</b> French + Ext German + Ext Japanese + Ext Latin + Ext  Student Exchange O/S Trips & Homestay  University of Sydney Latin Summer School	Chamber Ensembles HICES Music Festival (7-12) Stage Band (7-12) Senior Orchestra (7-12)	Year Performance Evenings Music 1, Music 2, HSC Music Extension Music Café Music Showcase (K-12)	<b>Performing / Dramatic Arts</b> Elective Drama Snr Drama Ensemble Film Club Stage Crew EXTRAS  Theatre Sports Year 11	<b>VET Hospitality</b> Le Cordon Blue Residential Hospitality Hotel Management Program Sydney Access Work Placement Catering Events  <b>Timber Products + Furniture Industries</b>  <b>VET Information Technology, Information Processes &amp; Technology</b> Robocup, U.SYD Programming Challenge, UNSW Programming Comp, U.SYD National Computer Science School  <b>On-Line Courses Enrichment &amp; Extension at all stages</b>	<b>Elective Visual Art</b>	<b>PD/H/PE</b> Sport, Lifestyle & Recreation Outdoor Education Camp Sport: House, Zone  <b>State &amp; National Representation</b>

**HSC University Pathways**  
Available for eligible accelerants in any subject

# Pathways of Excellence

Promoting creative inquiry, building critical thinking and problem-solving skills.

At The Hills Grammar School we aim to educate the whole child from Pre-Kindergarten (Early Childhood Education Centre) to Graduation at the end of Year Twelve, through the provision of an enriched curriculum supported by an extensive Co-curricular program and an integrated pastoral care system. Our flexible pathways of progression provide opportunities for students to Strive for Excellence at each stage of his or her development.

## HONOURS PROGRAMS:

### Humanities

This is an integrated program of English, History and Latin characterised by an emphasis on developing skills of higher-order critical thinking and reasoning within an inquiry-based learning environment. By responding to and composing texts, students learn about the power, value and art of the English language for communication, knowledge, research, translation and pleasure.

### English

Students in Honours English complete a program of study which successfully complements the range of text types required by the Board of Studies syllabus with an enriched experience of literature. Early exposure to Shakespeare, Chaucer, Dickens and Arthur Miller challenges the students and encourages the development of more sophisticated essay and creative responses. Students are encouraged to think for themselves, and listen and respond to the opinions of others.

### Mathematics

Students in the Honours classes spend a substantial amount of time working on material beyond the scope of the standard curriculum. The focus of the learning in Honours Mathematics is extension and enrichment. Over Years 7 to 10 students investigate further number theory, congruence in number systems, advanced mathematical problem solving, graph theory and matrices among other topics. All extension areas aim to deepen and broaden each student's understanding and love of Mathematics.

### Science

This course focuses on developing each student's ability to solve problems through practical investigations, which encourages knowledge of as well as a respect for the importance of scientific method: working as part of a team, devising step-by-step testing procedures, processing and interpreting data and drawing conclusions from what one finds. In this way, the Honours Program aims to provide an enriched foundation for the study of Science at HSC level. The learning that takes place in the state-of-the-art Science laboratories is further supported by student involvement in a range of Co-curricular activities such as the Intel Young Scientist Award, the Siemens Science Experience, the UNSW Science Competition, the Brain Bee Challenge, the STANSW Young Scientist and the Science Week program.

### Environmental Science

This is a new Honours course for Year Seven in 2011. It is an integrated program of Science and Geography with an emphasis on cross-curricular, inquiry-based learning. Students examine key issues in the global environment from both a scientific and a geographical perspective and complete integrated assessment tasks. The course aims to develop in students new insights into important elements of Environmental Science and the most effective ways of learning about this discipline in the 21st Century.

### Languages

The compulsory French program from Pre-Kindergarten to Year Six means that students entering the Senior School from our Junior School have had an enriched experience of French through the Accelerative Integrated Method (Gesture Method). By building on this program, students advance relatively quickly to a high level of competency. While the primary learning tool is the target language itself (lessons are wholly in French), the grammatical and linguistic structures which promote a full understanding of the language are also emphasised.

The French Course is story and theatre based and student progress is marked by regular performances in French to a target audience.

Students entering Year Seven can elect either to continue with their study of French, or to take up the study of German or Japanese.

### Australian History and Geography

This program delivers the mandatory Stage 5 History and Geography courses within an Active Learning framework, using ICT software such as eXe-Learning, Moodle, computer databases and Geographical Information Software such as ABS census data. While conducting comparative studies of people, places and events in the time span from Twentieth Century Federation until the present day, students develop models of thinking about the principles behind topics and issues through avenues such as on-line fora and wikis.

Students carry out much of their formal research, both independently and collaboratively, through NEXUS (Centre for the Advancement of Learning Excellence). The results of student research are presented via Visual Essays and Media Portfolios, which can include the construction of web-sites, podcasts, historical 'interviews', a broadsheet newspaper, journals and a database.

**An Extensive Co-curricular Program** allows students to give further expression to the knowledge and skills they develop in the Honours Programs, in areas such as Creative Writing and the Visiting Author Program, the Mathematics Olympiad, the University Computer Programming Challenge, RoboCup, the Physics Club, the Junior and Senior Drama Groups, Debating and Public Speaking, the Artist in Residence Program, as well as an impressive range of Instrumental and Choral Ensembles. A wide range of sports is also available, in which talented students can progress to competition at Zone, State and National levels.