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## Key dates:

**Tuesday 11 October, 5:00pm:**  
SEAS Applications close

**Tuesday 11 October, 5:00pm:**  
Closing date for SEAS  
documentation

**Friday 14 October, 5:00pm:**  
STAT/DULSAT applications  
close for Timely Applicants

**Friday 21 October, 5:00pm:**  
Scholarships close

**Friday 21 October, 5:00pm:**  
Closing date for scholarship  
documentation

**Friday 28 Oct, 5:00pm:**  
Change of preference closes

**Friday 11 November, 5:00pm:**  
Late applications close

**Friday 11 November, 7:00pm:**  
Very Late applications open

## VCE Mathematics – Changes to Scaling for 2011

Earlier this year VTAC commissioned a technical review of the scaling process used for VCE studies.

The review examined changes in student VCE enrolment patterns over Years 11 and 12, particularly in mathematics. As a result of the review, the scaling population will be modified for 2011 to include all Year 12 results achieved by students while in Year 11.

The scaling of the three mathematics studies will be changed to accommodate the larger number of students now completing all three mathematics studies.

Modelling indicates the changes are likely to increase the scaled mean of Specialist Mathematics by approximately three, with no observable effect on other subjects.

### Background

In April 2011 VTAC commissioned Professor Tim Brown, the original architect of the current scaling process for VCE studies, and Mr Bob Edwards, former Executive Officer, ACT Board of Senior Secondary Studies to undertake the technical review.

The review found that since the current scaling method was introduced in 1994, the proportion of students completing one or more VCE studies while in Year 11 has grown from 16% to 53%. In 2010 approximately 4,000 Year 12 students receiving an ATAR had completed two or more studies in Year 11, almost 10% of the ATAR cohort. The current scaling methodology does not make use of this information.

The review also found that since 2007, when the VCAA removed the limit on the number of mathematics studies that can be counted towards the VCE, enrolment patterns in mathematics have changed.

There has been a 21% increase in students completing Further Mathematics, but the number completing Specialist Mathematics has decreased by 16% and the number completing Mathematical Methods has decreased by 6%. Over the same period, the number of students completing all three VCE mathematics has increased incrementally from fewer than 50 to over 700.

There have also been changes in the scaling outcomes for mathematics. The scaled mean for Specialist Mathematics has gradually decreased from 41 to 38 since 2006 and Further Mathematics has increased by 1, from 27 to 28. Mathematical Methods has remained relatively stable.

In light of these changing enrolment patterns and scaling outcomes, the review recommended that:

- The scaling population should continue to comprise students with at least four study scores including an English, but it should be expanded to include all studies completed in the previous year, rather than limiting it to one, as is currently the case. This will increase the number of students and study results contributing to the scaling outcomes.
- The scaling of mathematics should be simplified so that it scales all three mathematics concurrently against each other rather than the two-step pairwise scaling between Further Mathematics and Mathematical Methods and between Mathematical Methods and Specialist Mathematics. There are now sufficient numbers of students completing the three mathematics studies to use a modified form of the standard scaling method that is used for all other studies.

Modelling undertaken as part of the review suggests that the scaled mean of Specialist Mathematics would increase by about three, but there would be no observable changes to other studies.

VTAC will implement these changes in December 2011 for the scaling of VCE studies for the calculation of the 2011 ATAR.

There will be transition arrangements for current Year 12 students who completed studies in Year 11 in 2010 and which were scaled using the 2010 procedures. These students will have their 2010 scores re-scaled using the revised procedure and will receive the higher of the two scaled scores for the calculation of their 2011 ATAR.

For further enquiries contact Suzanne Connelly on [suzanne.connelly@vtac.edu.au](mailto:suzanne.connelly@vtac.edu.au)

For updates please  
check the website

# Amendments and updates

Cancelled Courses			
Code	Course title	Campus	Date
<b>Box Hill Institute</b>			
52151, 52154	Media	Whitehorse	Sep-11
<b>Chisholm Institute</b>			
58411, 58414	Engineering-Mechanical Design	Frankston	Sep-11
58421, 58424	Library and Information Services	Frankston	Sep-11
54311, 54314	Professional Writing and Editing	Berwick	Sep-11
<b>Deakin University</b>			
14343	Tourism/Management	Melbourne	Sep-11
<b>Endeavour College of Natural Health</b>			
93042	Aromatherapy (Diploma)	City	Sep-11
93032	Reflexology (Diploma)	City	Sep-11
<b>GippsTAFE</b>			
55991, 55994	Sport (Development)	Churchill	Jul-11
<b>Holmesglen</b>			
66531, 66534	Food Processing	Moorabbin	Sep-11
66541, 66544	Food Science and Technology	Moorabbin	Sep-11
66281, 66284	Administration	Moorabbin	Sep-11
66131, 66134	Management/Marketing	Moorabbin	Sep-11
66271, 66274	Marketing	Moorabbin	Sep-11
<b>La Trobe University</b>			
21191, 21193	Finance/Science	Melbourne	Aug-11
<b>Monash College</b>			
92052, 92053	Art and Design Studies	Caulfield	Sep-11
<b>Monash University</b>			
28281, 28283	Behavioural Neuroscience	Clayton	Aug-11
30321	Applied Science (Associate Degree)	Gippsland	Sep-11
<b>Northern Melbourne Institute of TAFE</b>			
69312	International Business (Associate Degree)	Preston	Sep-11
69302	International Business Management (Associate Degree)	Preston	Sep-11
<b>RMIT University</b>			
32771, 32773	Fine Art	City	Jul-11
31511, 31513	Disability	Bundoora	Aug-11
31061, 31063	Education/Disability	Bundoora	Aug-11
<b>RMIT University TAFE</b>			
72171, 72174	Furniture Design	City	Aug-11
<b>Southern School of Natural Therapies</b>			
92512	Traditional Chinese Medicine Remedial Massage	Fitzroy	Jul-11
<b>University of Ballarat</b>			
74871, 74874	Theatre Arts	Mair Street	Jul-11
37591	Education (Early Childhood)	Melbourne Institute of Technology	Aug-11

## Cancelled Courses continued

Code	Course title	Campus	Date
74031, 74034	Horticulture	SMB	Aug-11
37121, 37123	Food Science and Technology/Management	Mount Helen	Sep-11
37033	Technology Management	Mount Helen	Sep-11
<b>Victoria University</b>			
85901, 85904	Financial Services	Footscray Nicholson	Sep-11
<b>Wodonga Institute of TAFE</b>			
88251, 88254	Horticulture	Wodonga	Sep-11

## New Courses

Institution and Code	Course Title	Campus	Added
<b>Australian Catholic University</b>			
10081	Nursing (Practice Leadership)	Ballarat	Jul-11
12401	Nursing (Practice Leadership)	Melbourne	Jul-11
<b>Australian College of Sports Therapy</b>			
92101, 92104	Remedial Massage	City	Aug-11
91171, 91172, 91174	Remedial Massage	City	Aug-11
<b>Box Hill Institute</b>			
51302	Commerce (Applied) (Associate Degree)	Elgar	Sep-11
<b>Deakin University</b>			
15541	Optometry	Geelong	Aug-11
15561, 15563	Forensic Science/Criminology	Geelong	Aug-11
15581	Arts, Business and Sciences (Associate Degree)	Geelong	Aug-11
14231	Psychology	Melbourne	Sep-11
<b>La Trobe University</b>			
24661	Law (graduate entry)	Bendigo	Sep-11
24651	Law (undergraduate entry)	Bendigo	Sep-11
24671	Law/Psychological Science	Bendigo	Sep-11
<b>Monash University</b>			
29363	Journalism/Commerce	Clayton	Jul-11
27473	Journalism/Business	Caulfield	Jul-11
30733	Arts and Social Sciences/ Education (Primary)	Gippsland	Jul-11
26273	Education (P-10)	Berwick	Jul-11
29383	Business/Sport and Outdoor Recreation	Peninsula	Jul-11
30683	Arts and Social Sciences	Gippsland	Aug-11
30693	Arts and Social Sciences (Associate Degree)	Gippsland	Aug-11
29401	Engineering/Architectural Design	Clayton	Aug-11
26243	Health Promotion	Berwick	Sep-11
26253	Social Welfare	Berwick	Sep-11
29353	Nutrition Science	Clayton	Sep-11
26263	Nursing (Community Health)	Berwick	Sep-11
29411	Environmental Engineering/Arts	Clayton	Sep-11
29421	Environmental Engineering/Commerce	Clayton	Sep-11

Institution and Code	Course Title	Campus	Added
<b>Northern Melbourne Institute of TAFE</b>			
69502	Business (Associate Degree)	Preston	Sep-11
69401	Bachelor of Education (Early Years)	Preston	Sep-11
68682	Viticulture and Winemaking (Associate Degree)	Epping	Sep-11
68722	Aquaculture and Environmental Management (Associate Degree)	Epping	Sep-11
<b>RMIT University</b>			
33481, 33483	Fine Art (Print Imaging Practice)	City	Jul-11
33491, 33493	Fine Art (Object based Practice)	City	Jul-11
33501, 33503	Fine Art (Sculpture, Sound and Spatial Practice)	City	Jul-11
33411, 33413	Fine Art (Expanded Studio Practice)	City	Jul-11
31011, 31013	Education/Disability	Bundoora	Sep-11
<b>RMIT University TAFE</b>			
73231, 73234	Spanish	City	Aug-11
<b>South West TAFE</b>			
75491, 75494	Children's Services	Hamilton	Aug-11
75501, 75504	Photoimaging	Warrnambool	Sep-11
75511, 75514	Fine Art	Warrnambool	Sep-11
<b>Swinburne University of Technology</b>			
34901	Accounting	Off-campus	Sep-11
34911	Business	Off-campus	Sep-11
34921	Communication	Off-campus	Sep-11
34931	Management	Off-campus	Sep-11
34941	Marketing	Off-campus	Sep-11
34951	Media Studies-Communication	Off-campus	Sep-11
34971	Media Studies-Social Science	Off-campus	Sep-11
34981	Psychology	Off-campus	Sep-11
35441	Public Relations-Business	Off-campus	Sep-11
35451	Public Relations-Communication	Off-campus	Sep-11
35461	Public Relations-Social Science	Off-campus	Sep-11
35471	Social Science	Off-campus	Sep-11
35481	Information Systems	Off-campus	Sep-11
35491	Business Administration	Off-campus	Sep-11
<b>University of Ballarat</b>			
37621	Food and Nutritional Sciences	Mount Helen	Aug-11
37631	Engineering	Mount Helen	Sep-11
<b>University of Melbourne (The)</b>			
39001, 39003	Arts (Chancellor's Scholars' Program)	Parkville	Jul-11
39011, 39013	Biomedicine (Chancellor's Scholars' Program)	Parkville	Jul-11
39021, 39023	Commerce (Chancellor's Scholars' Program)	Parkville	Jul-11
39031, 39033	Environments (Chancellor's Scholars' Program)	Parkville	Jul-11
39041, 39043	Music (Chancellor's Scholars' Program)	Parkville	Jul-11
39051, 39053	Science (Chancellor's Scholars' Program)	Parkville	Jul-11

Institution and Code	Course Title	Campus	Added
<b>Victoria University</b>			
41461	Sport and Recreation Management/Business	Footscray Park	Aug-11
41481	International Studies/Business	Footscray Park	Aug-11
41491	Psychological Studies/Business	Footscray Park	Aug-11
43301	Information Technology (Diploma)	Footscray Nicholson	Aug-11
<b>Victoria University (GET)</b>			
97261	Early Childhood Teaching	St Albans	Jul-11
97271	Early Childhood Teaching	St Albans	Jul-11

### Campus changes

Institution and Code	Course Title	Old campus	New campus
<b>Holmesglen</b>			
66121, 66124	Advertising	Moorabbin	Chadstone
66471, 66474	Marketing/Advertising	Moorabbin	Chadstone
<b>Monash College</b>			
92402	Business (Business stream)	Caulfield	Clayton

### Course title changes

Institution and Code	New title	Old title	Campus
<b>Australian Maritime College</b>			
19041, 19043	Engineering—Marine and Offshore Engineering	Engineering—Marine and Offshore Systems	Newnham (Launceston)
<b>Bendigo TAFE</b>			
63131, 63134	Music Industry (Sound Production)	Music Industry (Technical Production)	Bendigo
<b>Deakin University</b>			
16671, 16673	Information Technology—Interactive Media	Information Technology—Multimedia Technology	Melbourne
<b>Northern Melbourne Institute of TAFE (NMIT)</b>			
68472	Aquaculture and Environmental Management (Degree)	Aquaculture (Degree)	Epping
68771, 68774	Music Industry (Sound Production)	Sound Production	Fairfield
<b>University of Ballarat</b>			
37451, 37453	Engineering Science	Engineering	Mount Helen

## Other course amendments

Institution and Code	Course Title	Campus	Changed
<b>Box Hill Institute</b>			
52221, 52224	Tourism	Elgar	Aug-11
The Tourism course is being restructured and the Certificate IV in Tourism (Guiding) is now offered as a Diploma of Tourism (Guiding)			
<b>GippsTAFE</b>			
55051, 55054	Sport (Sport and Recreation)	Churchill	Jul-11
The Certificate IV in Sport and Recreation is no longer available, the codes 55051 and 55054 are now the Diploma of Sport and Recreation.			
<b>La Trobe University</b>			
24561, 24562, 22361, 22362	Occupational Therapy Practice (Masters)	Melbourne	Aug-11
There is no longer a five-year time limit on completion of the Bachelor degree prerequisite for this course. The prerequisites should now read: "Successful completion of a Bachelor degree in Health, Education, Social, Physical or Biological Sciences awarded in not more than 5-years ago (or subsequent postgraduate study and/or relevant work experience). Applicants must have obtained at least a 65% average in their most recently completed University Undergraduate Degree."			
<b>La Trobe University (GET)</b>			
93211, 93212, 93221, 93222	Dip Ed Secondary	Melbourne	Aug-11
The single method 113 (Commerce and Business Studies) is no longer available for this course.			
93421, 93422, 93231, 93232, 93241, 93242, 93111, 93112, 93121, 93211, 93212, 93221, 93222, 93301, 93302	All Teacher Education courses	Albury-Wodonga, Bendigo, Melbourne, Shepparton	Aug-11
Applicants for teacher education courses who are required to sit an English language test are advised that the Victorian Government Minister for Education has recently raised the level of English language required for teacher registration. As a result of this ministerial decision, applicants for La Trobe University teacher education courses who need to sit an English language test must achieve the following minimum IELTS (Academic) results in order to be considered for admission: IELTS (Academic) score of 7.5 with no individual band score less than 7.0 and a score of no less than 8.0 for speaking and listening. Applicants may also meet the English language requirement by achieving the following TOEFL results: TOEFL Internet-based Test: a minimum score of 104 with no individual score less than 26 Applicants who do not meet the English language requirement will not be considered for admission to La Trobe University teacher education courses.			
<b>Monash University</b>			
26003	Pharmacy	Parkville	Jul-11
26013	Pharmacy/Commerce	Parkville	Jul-11
The UMAT requirement for international students applying for the courses Pharmacy (26003) and Pharmacy/Commerce (26013) should read: "International students do not have to sit the UMAT unless they are expecting to change to Australian permanent residency prior to 2012." The entry in the printed VTAC Guide says "...prior to 2011". See <a href="http://www.pharm.monash.edu.au/futurestudents/umat.html">http://www.pharm.monash.edu.au/futurestudents/umat.html</a> for more information about UMAT requirements for Pharmacy courses at Monash.			

## Other course amendments continued

Institution and Code	Course Title	Campus	Changed
<b>The University of Melbourne</b>			
38001, 38003	Arts	Parkville	Aug-11
38921	Arts (Extended)	Parkville	Aug-11
39001, 39003	Arts (Chancellor's Scholars' Program)	Parkville	Aug-11
English language studies, Philosophy and Political science are available as majors in these courses.			
<b>Victoria University (GET)</b>			
97111, 97121	Graduate Diploma in Secondary Education	Footscray Park	Aug-11
97501, 97511	Graduate Diploma in Secondary Education	St Albans	Aug-11
The single method 134 (Humanities) is now available for these courses.			