

SACE DATA INFORMATION REPORT 01/2013

April 2013

SOUTH AUSTRALIAN CERTIFICATE OF EDUCATION (SACE) STAGE 2 SUBJECT ENROLMENT DATA, 2011 – 2012

This SACE Data Information Report provides an overview of the patterns of students' enrolments in SACE Stage 2 subjects as reported to the SACE Board by South Australian secondary schools.

Context

The attached data lists Stage 2 subjects offered in South Australian schools in 2011 and 2012, grouped by learning area. Stage 2 of the SACE is usually undertaken by students in Year 12. 20-credit subjects are full-year in length, and 10-credit subjects are semester length.

These figures represent:

- The number of South Australian schools offering each subject in 2011-2012.
- The final number of results (completed enrolments) for each subject in the years 2011- 2012.

The interpretation of the trends in students' enrolments in subjects should take into account a range of factors that have been part of improving the SACE. These factors include the following:

- From 2011, to complete the SACE students need to complete 70 credits of Stage 2 subjects, including the compulsory 10-credit Research Project, that is the equivalent of three full-year subjects plus the Research Project.
- In 2011 the SACE Board introduced 10 new Stage 2 subjects (Business and Enterprise, Creative Arts, Cross-disciplinary Studies, Health, Language and Culture, English Pathways, Mathematics Pathways, Society and Culture, Scientific Studies and the Research Project).
- In 2011, the SACE Board introduced 10 subjects that amalgamated two previously similar subjects into one subject, for example the two subjects Health Education and Health Studies became Health.
- The definition of the Australian Tertiary Admission Rank (ATAR) changed from 2010 to 2011. To be eligible for an ATAR in 2010, students were required to achieve a scaled score in 100 credits. In 2011 they are required to achieve a scaled score in 80 credits of subjects.
- From 2011, 20 of the 80 credits required for the ATAR can be made up of "flexible options" i.e. as well as another SACE subject, the 20 credits can include a university subject, subjects from another senior secondary certificate, or a completed Certificate III (or higher) qualification from the Vocational Education and Training sector.
- From 2011 the amount of Vocational Education and Training that students can use to complete the SACE has increased from the previous amount of 80 credits to 180 credits. In 2011 for the first time, students can meet the Stage 2 requirements of the SACE using VET.

Overview

With the above contextual factors in mind, the following overview outlines some features of the 2012 figures in comparison to those of the previous year.

Arts Learning Area

- Creative Arts, a new subject in 2011, continues to show a rise in enrolments, up from 373 in 2011 to 461 in 2012.
- The Visual Arts subjects had the highest number of enrolments in this learning area in 2011 (2386) with a decrease in 2012 (2207).

Business, Enterprise, and Technology Learning Area

- The Design and Technology subjects – Communication Products, Material Products and Systems and Control Products, showed an increase in enrolments from 2011 (2815) to 2012 (3012).
- Since its introduction in 2011, Business and Enterprise has seen an increase in enrolments in 2012.
- The number of students studying Accounting grew from 557 in 2011 to 634 in 2012.

Cross-disciplinary Learning Area

- The most popular subject in this learning area was Integrated Learning (2011: 1157, 2012 1595); with an increase in both the number of enrolments and the number of schools offering the subject in 2012.
- In 2012, the number of schools offering Research Project A reduced from 131 to 103. Furthermore, there were 911 less enrolments in Research Project A and 654 more enrolments in Research Project B. This is indicative of a shift of student choice towards Research Project B which is the subject option that can be counted towards the ATAR.
- There were fewer enrolments in Community Studies subjects in 2012.

English Learning Area

- The number of enrolments in a Stage 2 English subject increased from 9651 in 2011 to 10022 in 2012.
- The number of schools offering English Studies increased from 102 in 2011 to 114 in 2012 and enrolments also increased.
- English Communications enrolments also increased in 2012 (2011: 5962, 2012: 6255).
- Since being introduced in 2011, the number of enrolments for English Pathways increased from 502 in 2011 to 607 in 2012 and more schools offered this subject in 2012.

Health and Physical Education Learning Area

- Most subjects in this learning area saw an increase in enrolments between 2011 and 2012.
- The number of enrolments for Health increased from 518 in 2011 to 755 in 2012.
- Physical Education saw a consistent number of enrolments between 2011 (2271) and 2012 (2274).

Humanities and Social Sciences Learning Area

- Of the 14 subjects in this learning area, eight subjects saw an increase in student enrolments.

- Increases were seen in Geography (2011: 343; 2012: 435), Legal Studies (2011: 665; 2012: 842) and Society and Culture (2011: 962; 2012: 1230).
- Enrolments decreased in Tourism (2011: 720; 2012: 553), and Australian History (2011: 109; 2012: 74).

Languages Learning Area

- The SACE Board offers 39 full-year subjects in the Languages learning area at the beginners, continuers and background speaker levels.
- Overall, the number of enrolments in language subjects decreased (2011:1376, 2012:1189).
- Student participation has remained consistent over the last two years in those languages with relatively fewer students. These languages are those which have attracted few students each year. They are usually languages which are taught through ethnic and community schools.
- Subjects with consistent or increased enrolments included Japanese, French, Italian, Indonesian and Spanish.
- Languages with decreased enrolments included Chinese (2011:328; 2012:240), German (2011:139; 2012:97) and Vietnamese (2011:102; 2012:73).

Mathematics Learning Area

- The number of enrolments in a Stage 2 Mathematics subject increased from 8871 in 2011 to 9132 in 2012.
- There was an increase in the number of enrolments for Mathematical Applications (2011:3772; 2012:3926), Mathematical Methods (2011:904; 2012:922) and Specialist Mathematics (2011:1029; 2012:1050).
- The number of enrolments in Mathematical Studies were consistent between 2011 (2922) and 2012 (2916).
- There was an increase in enrolments in the new Mathematical Pathways subject (2011:143, 2012:212).

Sciences Learning Area

- There was an increase in enrolments in Chemistry (2011:2086; 2012:2199), Geology (2011:35, 2012:42), Nutrition (2011:545; 2012:641), Physics (2011:2014; 2012:2079), Psychology (2011:1550; 2012:1876), and Scientific Studies (2011:170; 2012:282).

SACE Stage 2 Subject Enrolment Data 2011 - 2012, South Australia

Learning Area	Credits	Subject Name	Number of Schools Offering the Subject		Number of Results	
			2011	2012	2011	2012
Arts	10	Composing and Arranging	24	28	70	83
	10	Creative Arts	4	5	17	13
	20	Creative Arts	35	41	356	448
	20	Creative Arts: Local Program	0	1	0	1
	10	Creative Arts: Modified	6	6	25	21
	20	Creative Arts: Modified	5	15	21	50
	20	Dance	24	23	157	131
	10	Drama	3	1	10	1
	20	Drama	85	87	872	871
	10	Ensemble Performance	109	110	728	644
	10	Music in Context	9	6	66	55
	10	Music Individual Study	73	66	227	183
	10	Music Technology	24	22	86	82
	10	Musicianship	43	40	276	257
	10	Performance Special Study	29	36	90	95
	10	Solo Performance	116	111	621	637
	10	Visual Arts - Art	8	7	11	15
	20	Visual Arts - Art	159	165	1475	1356
	10	Visual Arts - Design	5	7	7	9
	20	Visual Arts - Design	101	109	893	827
Business, Enterprise, and Technology	20	Accounting	39	41	557	634
	10	Business and Enterprise	2	3	5	5
	20	Business and Enterprise	93	92	1444	1555
	20	Business and Enterprise: Local Program	1	0	3	0
	10	Business and Enterprise: Modified	3	1	16	7
	20	Business and Enterprise: Modified	6	17	29	74
	10	Communication Products I	2	2	2	47
	20	Communication Products I	66	57	789	757
	10	Communication Products II	0	2	0	33
	20	Communication Products II	32	35	396	366
	10	Information Processing and Publishing	11	9	22	25
	20	Information Processing and Publishing	105	97	1368	1212
	20	Information Technology	34	45	294	380
	10	Material Products I	8	10	47	59
	20	Material Products I	109	109	939	954
	10	Material Products II	9	7	49	21
	20	Material Products II	42	54	308	429
	10	Systems and Control Products I	5	2	22	4
	20	Systems and Control Products I	21	25	196	251
	10	Systems and Control Products II	3	2	10	11
20	Systems and Control Products II	7	7	57	82	
20	Workplace Practices	102	108	1420	1873	
10	Workplace Practices A	15	15	93	109	
10	Workplace Practices B	10	13	71	87	
Cross-disciplinary	10	Arts and the Community	18	8	32	9
	20	Arts and the Community	62	59	178	189
	10	Business and the Community	8	4	12	8
	20	Business and the Community	22	17	43	26
	10	Communication and the Community	17	8	28	12
	20	Communication and the Community	49	42	121	124
	10	Cross-disciplinary Studies	1	2	2	10
	20	Cross-disciplinary Studies	7	10	108	127
	10	Cross-disciplinary Studies: Modified	2	7	19	24
	20	Cross-disciplinary Studies: Modified	7	10	25	46
	10	Design, Construction, and the Community	15	10	28	23
	20	Design, Construction, and the Community	33	37	88	96
	10	Environment and the Community	7	1	13	2
	20	Environment and the Community	22	18	40	25
	10	Foods and the Community	13	5	37	19
	20	Foods and the Community	48	42	101	97
	10	Health, Recreation, and the Community	19	14	57	31
	20	Health, Recreation, and the Community	71	60	247	210
	10	Integrated Learning	8	11	204	372
	20	Integrated Learning	67	81	953	1223
	10	Research Project A	131	103	1788	877
	10	Research Project B	197	197	14570	15224
	10	Research Project: Modified	27	30	131	105
	10	Science and the Community	3	2	8	5
	20	Science and the Community	5	7	15	9
	10	Technology and the Community	14	7	24	26
	20	Technology and the Community	34	30	86	64
	10	Work and the Community	21	14	49	41
20	Work and the Community	76	69	257	259	

SACE Stage 2 Subject Enrolment Data 2011 - 2012, South Australia

Learning Area	Credits	Subject Name	Number of Schools Offering the Subject		Number of Results	
			2011	2012	2011	2012
English	20	English as a Second Language	41	47	500	540
	20	English as Second Language Studies	42	39	663	521
	10	English Communications	4	5	9	12
	20	English Communications	186	185	5953	6243
	10	English Pathways	1	1	6	1
	20	English Pathways	36	49	496	606
	10	English Pathways: Modified	2	2	8	6
	20	English Pathways: Modified	13	14	83	82
	20	English Studies	102	114	1933	2011
Health and Physical Education	10	Child Studies	3	4	17	10
	20	Child Studies	83	92	1191	1266
	10	Food and Hospitality	6	4	9	4
	20	Food and Hospitality	136	133	1855	1812
	10	Health	3	2	7	12
	20	Health	25	29	511	743
	10	Health: Modified	3	6	23	30
	20	Health: Modified	15	24	72	124
	10	Outdoor Education	1	2	5	4
	20	Outdoor Education	29	29	356	436
20	Physical Education	135	137	2272	2274	
Humanities and Social Sciences	20	Aboriginal Studies	7	5	46	38
	20	Australian and International Politics	5	4	73	58
	20	Australian History	8	8	109	74
	20	Classical Studies	26	24	341	297
	20	Economics	23	27	287	330
	20	Geography	32	34	343	435
	20	Legal Studies	52	59	665	842
	20	Media Studies	23	25	295	303
	20	Modern History	87	92	1089	1177
	20	Philosophy	6	7	89	100
	10	Religion Studies	7	9	382	754
	20	Religion Studies	9	8	159	115
	10	Society and Culture	8	4	115	130
	20	Society and Culture	57	64	847	1100
	10	Society and Culture: Modified	3	2	9	8
	20	Society and Culture: Modified	3	6	9	28
	20	Tourism	52	42	720	553
	20	Women's Studies	9	10	145	147

SACE Stage 2 Subject Enrolment Data 2011 - 2012, South Australia

Learning Area	Credits	Subject Name	Number of Schools Offering the Subject		Number of Results	
			2011	2012	2011	2012
Languages	20	Albanian (continuers)	1	1	1	1
	20	Arabic (continuers)	4	5	19	21
	20	Auslan (continuers)	1	0	2	
	20	Bosnian (continuers)	1	1	2	9
	20	Chinese (background speakers)	18	19	241	185
	20	Chinese (beginners)	0	1	0	3
	20	Chinese (continuers)	8	9	87	52
	20	Croatian (continuers)	1	1	1	4
	20	Filipino (continuers)	1	1	8	17
	20	French (beginners)	1	1	11	10
	20	French (continuers)	15	16	129	132
	20	German (beginners)	1	1	2	1
	20	German (continuers)	18	16	137	96
	20	Hindi (continuers)	2	2	3	4
	20	Hungarian (continuers)	1	0	5	0
	20	Indonesian (beginners)	1	2	15	15
	20	Indonesian (continuers)	6	6	35	44
	20	Italian (beginners)	1	1	20	8
	20	Italian (continuers)	16	17	139	138
	20	Japanese (background speakers)	1	1	10	5
	20	Japanese (beginners)	2	1	35	11
	20	Japanese (continuers)	20	18	145	158
	20	Khmer (continuers)	1	1	7	5
	20	Korean (background speakers)	1	2	23	11
	20	Language and Culture	1	1	4	14
	20	Language and Culture: Modified	0	1	0	9
	10	Language Revival I	1	0	3	0
	10	Language Revival II	1	0	3	0
	20	Latin (continuers)	1	0	1	0
	20	Maltese (continuers)	1	1	9	3
	20	Modern Greek (continuers)	6	5	27	32
	20	Persian (background speakers)	1	1	65	51
	20	Polish (continuers)	2	2	15	8
	20	Portuguese (continuers)	1	2	2	2
	20	Russian (background speakers)	2	2	6	4
	20	Russian (continuers)	4	2	7	3
	10	Second Language Learning I	0	1	0	1
	10	Second Language Learning II	0	1	0	2
	20	Serbian (continuers)	0	1	0	1
	20	Spanish (beginners)	2	2	24	26
	20	Spanish (continuers)	3	4	27	29
	20	Tamil (continuers)	1	1	2	1
20	Ukrainian (continuers)	1	0	2	0	
20	Vietnamese (background speakers)	5	5	49	44	
20	Vietnamese (continuers)	5	5	53	29	
Mathematics	10	Mathematical Applications	23	28	57	62
	20	Mathematical Applications	165	166	3715	3864
	20	Mathematical Methods	52	51	904	922
	20	Mathematical Studies	136	142	2922	2916
	10	Mathematics Pathways	1	1	2	2
	20	Mathematics Pathways	17	24	141	210
	10	Mathematics Pathways: Modified	5	4	26	10
	20	Mathematics Pathways: Modified	10	14	75	96
20	Specialist Mathematics	75	78	1029	1050	
Sciences	10	Agricultural and Horticultural Applied Technologies	1	0	13	0
	20	Agricultural and Horticultural Applied Technologies	2	1	11	3
	10	Agricultural and Horticultural Enterprise	1	1	1	1
	10	Agricultural and Horticultural Management	2	1	13	1
	20	Agricultural and Horticultural Management	13	7	76	50
	20	Agricultural and Horticultural Principles	4	5	22	37
	20	Agricultural and Horticultural Science	9	6	58	54
	10	Agricultural and Horticultural Studies	0	1	0	2
	20	Agricultural and Horticultural Studies	13	18	94	123
	20	Biology	149	152	3133	3129
	20	Chemistry	127	128	2086	2199
	20	Geology	4	4	35	42
	10	Nutrition	0	1	0	4
	20	Nutrition	31	37	545	637
	20	Physics	117	120	2014	2079
	10	Psychology	0	1	0	4
	20	Psychology	77	83	1550	1872
	10	Scientific Studies	0	1	0	5
	20	Scientific Studies	11	17	170	277
	10	Scientific Studies: Modified	4	2	16	6
20	Scientific Studies: Modified	5	5	17	17	