

SENIOR SECONDARY OUTCOMES

The Record of School Achievement (RoSA)

Stage 5

In 2019, 104 students satisfied the requirements of the Stage 5 RoSA. A number of Stage 5 200 hour subjects continued including Geography Elective, History Elective 200 hours and Visual Arts 200 hours.

Students in the vast majority of subjects achieved a higher percentage of combined A and B grades compared to the State.

Table 1

2019 Stage 5 School versus State Grading Comparison - % 'A' & 'B' Grades				
Subject	A grades		B grades	
	Macarthur	State	Macarthur	State
English	9.62	12.13	32.69	27.96
Mathematics	13.46	14.81	33.65	23.12
Science	21.15	12.76	54.81	24.80
Australian Geography	27.88	14.35	41.35	27.29
Commerce	46.15	19.11	46.15	31.94
Geography Elective 100 hours	54.55	29.28	36.36	31.11
Geography Elective 200 hours	31.82	53.74	22.73	26.26
History Elective 100 hours	9.09	24.67	40.91	31.23
History 200 hours	25.58	31.42	55.81	32.90
History 100 hours	10.58	14.10	42.31	27.27
Indonesian 200 hours	58.33	37.32	16.67	35.41
Agricultural Technology 100 hours	37.50	7.20	41.67	21.30
Design & Technology 100 hours	16.28	22.74	34.88	30.68
Information Software Technology 100 hours	34.78	19.89	52.17	29.28
Drama 100 hours	40.00	19.10	40.00	36.42
Music 100 hours	30.00	13.32	30.00	28.00
Music 200 hours	50.00	25.97	50.00	33.02
Visual Arts 100 hours	33.33	17.15	50.00	32.78
Visual Arts 200 hours	11.76	27.01	41.18	33.48
Personal Development, Health, PE 200 hours	26.26	13.49	62.63	33.73

Preliminary HSC

In 2019, 87 students satisfied the requirements of the Preliminary HSC. The Preliminary results indicated that most subjects have a higher percentage of A and B grades compared to the State.

Table 2

2019 Preliminary HSC School vs State Grading Comparison - % 'A' & 'B' Grades				
Subject	A grades		B grades	
	Macarthur	State	Macarthur	State
EAL/D	-	9.47	-	25.40
English Advanced	30.77	19.32	24.36	42.62
English Extension 1	81.25	35.37	18.75	42.45
English Standard	-	3.58	14.29	23.83
Mathematics Extension	10.53	26.79	63.16	29.04
Mathematics Standard 2	6.67	7.15	22.22	21.52
Mathematics Advanced	23.08	26.79	35.90	29.04
Biology	11.76	12.39	26.47	27.46
Chemistry	21.43	15.20	50.00	27.39
Earth and Environmental Science	-	9.65	40.00	25.90
Physics	7.14	15.06	50.00	27.50
Ancient History	50.00	15.29	50.00	27.55
Business Studies	2.78	12.93	38.89	28.59
Economics	14.29	22.28	38.10	33.69
Geography	18.18	17.22	63.64	31.10
Legal Studies	17.24	15.32	24.14	28.08
Modern History	21.62	16.38	18.92	27.75
Society and Culture	23.08	14.56	46.15	29.56
Studies of Religion 1	14.29	14.45	35.71	30.86
Studies of Religion 2	12.50	16.09	25.00	32.91
Indonesian Continuers	100.00	30.61	-	35.71
Agriculture	25.00	17.58	25.00	25.99
Design and Technology	33.33	17.82	11.11	28.20
Software Design and Development	42.86	17.26	28.57	27.76
Textiles and Design (new course 2019)	16.67	20.09	33.33	30.27
Drama	-	26.55	37.50	38.15
Music 1	22.22	19.46	55.56	35.25
Music 2	66.67	51.25	33.33	34.60
Visual Arts	11.11	20.39	55.56	33.78
PDHPE	22.58	12.32	38.71	27.23

The Higher School Certificate

In 2019, Macarthur Anglican School presented 62 students for the Higher School Certificate. Thirty- subjects were presented at Macarthur in 2019. All students fulfilled the requirements to gain a Higher School Certificate and an Australian Tertiary Admission Rank (ATAR). The School did not present any subjects that could not be used for the purpose of gaining an ATAR.

18% of students who presented for the HSC in 2019 attained ATARs of 95 and over. 35% of students received an ATAR of 90 or higher. 48% of students received an ATAR of 85 or higher. 60% of students received an ATAR of 80 or higher. 74% of students received an ATAR of 75 or higher. 77% of students received an ATAR of 70 or higher.

	2015	2016	2017	2018	2019
Students who achieved a Band 6 result	39%	35%	32%	41%	60%
Students who achieved a Band 5 result	83%	75%	82%	35%	89%

Isaiah Kezelos and Shivani Mistry shared the honour of 'Dux' for 2019. Isaiah and Shivani both achieved an ATAR of 99.35. 9.7% of Macarthur's students were recognised as Top Achievers. This placed Macarthur 7th in the State for the number of Top Achievers in one school.

<https://bettereducation.com.au/results/HscTopAchiever.aspx>

Isaiah Kezelos (ATAR 99.35) achieved 1st in the State in Indonesian Extension, 5th in the State in Indonesian Continuers and 7th in the State for Music 1. Tiffany Lee Walker achieved 5th in the State in Mathematics Standard 2. Lara Lindsay (ATAR 96.15) achieved 3rd in the state for Indonesian Extension. Morgan Reidy (ATAR 98.40) achieved 5th in the State for English Extension 1.

Other achievements included:

Harrison Barrett was nominated for HSC 'ARTEXPRESS' (Visual Arts), Sofia Iorfino was nominated for HSC 'Shape' (Design & Technology) showcase, Isaiah Kezelos was nominated for HSC 'ENCORE' (Music) and Lara Lindsay was nominated for HSC 'OnSTAGE' (Drama).

In 2019 three accelerated students (in Year 11 cohort for 2019) studied and completed Mathematics Extension 1 and Mathematics Extension 2 at the HSC level. Jayden Taylor -Mathematics Extension 1 (91%) E4, Mathematics Extension 2 (87%) Notional Band 6. Jayden plans to study Mathematics at a University level (UNE) in 2020 (whilst completing his HSC year). Bradley Speed -Mathematics Extension 1 (90%) E4, Mathematics Extension 2 (81%) Notional Band 6. Joshua Drayton -Mathematics Extension 1 (70%) E3, Mathematics Extension 2 (55%) Notional Band 5.

Mean, Median, Highest Year 12 ATAR Results

	2015	2016	2017	2018	2019
Mean	75.29	72.9	75.59	74.21	81.50
Median	79	74.3	76.25	79.43	84.43
Highest	99.1	98.15	99.35	99.7	99.35

The Median and the Mean were the highest Macarthur has ever achieved.

Variation from State Mean

For the vast majority of subjects, the results were well above the State Average. Subjects where students achieved greater than 10% above the state mean included Agriculture (17.82% above state mean), Music 1 (16.95% above state mean), Information Processes and Technology (15.87% above state mean), Geography (13.28% above state mean) and Mathematics Standard 2 (10.39% above state mean).

Macarthur was ranked 57th overall out of over 800 schools which had candidates sit the HSC in 2019 and was the top scoring school in the region (SMH 17/12/19). This places Macarthur in the top 7% of all schools. Macarthur was ranked 30th out of all NSW Independent Schools <https://bettereducation.com.au/Results/HscIndependentSchoolResults.aspx>

The percentage of Macarthur students who achieved Band 5 and 6 results exceeded the State in the vast majority of subjects. There were greater numbers of students attaining Band 5 and 6 results in 2019.

Table 5 Subject	% Band 5 & 6 results at Macarthur		% Band 5 & 6 results in State	
	2018	2019	2018	2019
Agriculture	80.00	100.00	25.61	31.41
Ancient History	55.50	57.14	36.48	35.98
Biology	45.83	61.90	37.07	31.83
Business Studies	51.72	46.15	37.42	33.39
Chemistry	38.46	42.86	42.23	46.16
Design and Technology	15.39	100.00	46.84	46.66
Drama	66.67	100.00	42.53	43.72
Earth & Environmental Science	N/A	0	37.93	31.27
Economics	22.22	0	79.87	51.92
English (Standard)	0	0	15.16	11.82
English (Advanced)	55.29	63.46	62.73	61.85
EAL/D	0	16.67	25.58	23.71
English Extension 1	89.47	100.00	95.65	94.15
English Extension 2	100.00	100.00	71.40	80.16
Geography	73.33	100.00	43.68	43.54
Indonesian Continuers	88.89	100.00	69.35	51.39
Indonesian Extension	100.00	100.00	93.75	100.00
Information Processes Technology	71.43	100.00	37.54	34.89
Legal Studies	68.75	46.15	44.50	41.56
Mathematics Standard 2	45.59	61.54	26.89	13.19
Mathematics	68.00	50.00	51.91	49.31
Mathematics Extension 1	77.78	66.67	79.86	80.27
Mathematics Extension 2	83.33	0.75	85.56	85.93
Modern History	37.14	63.64	42.21	39.67
History Extension	85.71	70.00	78.81	76.77
Music 1	85.71	100.00	64.88	66.24
Music 2	80.00	100.00	91.43	90.96
Music Extension	100.00	100.00	96.00	97.84
PDHPE	40.00	42.86	33.46	31.51
Physics	57.14	55.56	33.92	37.02

Science Extension	NEW in 2019	100.00	N/A	68.42
Society and Culture	76.19	75.00	47.43	44.54
Software Design Development	57.14	50.00	37.31	44.54
Studies of Religion 1	25.00	66.67	36.81	46.32
Studies of Religion 2	28.57	0	41.18	44.84
Visual Arts	69.23		41.18	62.7

ATAR Distribution

The 2019 UniScores analysis revealed 62 students eligible for an ATAR {102}, 22 boys {46} and 40 girls {56}.

The mean, 81.50 {74.23} increased by 7.27 UniScore points and the median, 84.43 {79.43} increased by 5.00 UniScore points.

The mean for boys, 78.18 {68.83} increased by 9.35 and their median, 77.48 {66.98} increased by 10.50 while the girls' mean, 83.32 {78.66} increased by 4.66 and their median, 85.73 {80.13} increased by 5.60.

17.7% of students achieved UniScores at or above 95 {17.6%} - stable

32.3% were at or above 90 {26.5%} - an upward shift

58.1% were at or above 80 {49.0%} - an upward shift

80.6% were at or above 70 {62.7%} - an upward shift

91.9% were at or above 60 {71.6%} - an upward shift

3.2% of students {14.7%} were in the tail of the distribution (ie below 50) - a decrease

Graph 4 2019	Male	Female	Total
Number	22	40	62
Mean Uniscore	78.18	83.32	81.50
Std Dev	14.37	12.56	13.34
Max Uniscore	99.45	99.35	99.45
Min Uniscore	43.75	48.20	43.75

Median Uniscore	77.48	85.73	84.43
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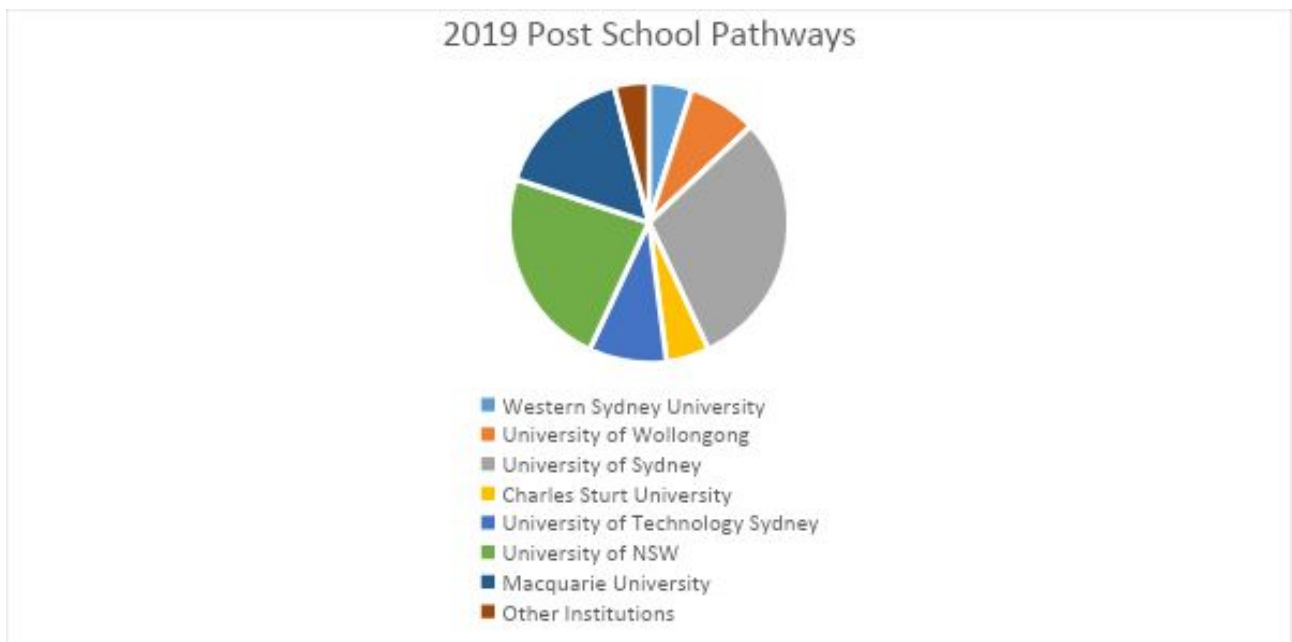
Year 12 Students Undertaking the NSW Higher School Certificate

A total of 62 students completed their senior secondary education at Macarthur in 2019, with 100% of the group successfully being awarded the Higher School Certificate.

This information is also available on the My School website at: <http://www.myschool.edu.au>

Post School Pathways

58 of the 62 Year 12 students applied for an ATAR. Of these, 56 students (97 %) received university offers and 75 % received an early round offer. 5 students were offered early round offers in November through Macquarie University to study a Bachelor of Speech and Hearing Sciences, a Bachelor of Actuarial Studies, a Bachelor of Marketing and Media, a Bachelor of Marine Science and a Bachelor of Law. Other university offers included 5 % at the Western Sydney University, 8 % of students have enrolled at University of Wollongong, 30 % at the University of Sydney, 5 % at Charles Sturt University, 9 % at University of Technology Sydney, 23 % at the University of NSW, 16 % at Macquarie University and 4 % at other institutions. 1 (one) student was offered a place at a Swimming College in Hawaii, USA. Refer to the pie chart below.



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