

Calculation of Mean Weighted SNG

For first time Macquarie enrolments post 2007, entry into the Honours year will be based on a mean weighted sng (standardised numeric grade). Two criteria will apply:

1. A mean weighted sng of at least 70 calculated over all PSY prefixed units plus STAT170
2. A mean weighted sng of at least 70 calculated over all PSY prefixed units at 300 level

To calculate the sngs above, the following formula applies:

$$\text{Mean weighted sng} = (\sum \text{sng} \times \text{cp}) / \sum \text{cp}$$

where sng is the Standardised Numeric Grade for each unit and cp is the credit points for a unit.

To see how to perform the calculation, let's look at an example.

Student A has the following transcript:

PSY2## 3cp sng=80

PSY3## 4cp sng=60

$$\text{Mean weighted sng} = [(80 \times 3) + (60 \times 4)] / 3 + 4 = 480 / 7 = 68.57$$

Student B has the following transcript:

PSY2## 3cp sng=60

PSY3## 4cp sng=80

$$\text{Mean weighted sng} = [(60 \times 3) + (80 \times 4)] / 3 + 4 = 500 / 7 = 71.43$$

Using our criteria Student A misses out and Student B is successful.

Note that the credit point value of 300 level units was changed from 4 cp to 3 cp in 2010.