

## This issue's topic: Success by Zodiac Sign.

The Office of Institutional Effectiveness, Research, and Planning [conducted a study](#) on students' success in courses as predicted by astrological sign. Scorpio was statistically significantly ( $p=0.062$ ) more likely to successfully complete their course (75%) than the average student (73%). **Congratulations, Scorpio!** Using sophisticated predictive analytics known as a discreet logistic inference adaptive regression (D-LIAR)<sup>1</sup>, student academic and support programs were matched with astrological characteristics in order to predict higher student success. Results are summarized below:

Aries - ♈ (Mar. 20-Apr. 20)				Taurus - ♉ (Apr. 21-May 21)				Gemini - ♊ (May 22-June 21)			
N	%	ES	p-value	N	%	ES	p-value	N	%	ES	p-value
1,784	72.9	-0.01	0.706	1,949	71.3	-0.04	0.029 <sup>2</sup>	2,153	72.4	-0.02	0.316
<b>Ambitious over-achiever:</b> Results suggest Aries should be referred to the <a href="#">Transfer Center</a> in order to continue on and obtain their terminal degree.				<b>Stubborn, yet patient:</b> Because Taurus will <u>never</u> drop or withdraw from a course, Taurus should visit the <a href="#">Tutoring Center</a> to ensure success.				<b>Difficult to predict:</b> Gemini broke the regression analysis! Results suggest Gemini should visit <a href="#">Career Services</a> for an assessment.			
Cancer - ♋ (June 22- July 22)				Leo - ♌ (July 23-Aug. 22)				Virgo - ♍ (Aug. 23-Sep. 23)			
N	%	ES	p-value	N	%	ES	p-value	N	%	ES	p-value
2,172	72.8	-0.01	0.626	2,394	73.4	0.00	0.840	2,262	72.1	-0.03	0.181
<b>Lover of history &amp; tradition:</b> Results suggest Cancer will feel at home amongst the stacks in the Craffon Hills College <a href="#">Library</a> .				<b>Natural leader:</b> Results suggest Leo will naturally lead the Associated Student Body & <a href="#">Student Senate</a> .				<b>Inquisitive:</b> Results suggest Virgo will succeed in contextualized environments provided by <a href="#">learning communities</a> .			
Libra - ♎ (Sep. 24-Oct. 23)				Scorpio - ♏ (Oct. 24-Nov. 22)				Sagittarius - ♐ (Nov. 23-Dec. 21)			
N	%	ES	p-value	N	%	ES	p-value	N	%	ES	p-value
2,227	73.4	0.00	0.812	2,075	74.8	0.04	0.062 <sup>3</sup>	1,917	73.9	0.02	0.432
<b>Seeker of justice &amp; balance:</b> Results suggest Libra participate in the <a href="#">CWAVE Day of Advocacy</a> event to improve engagement and success.				<b>Embracer of challenges:</b> Results suggest Scorpio will thrive in the rigorous and challenging <a href="#">STEM Trek program</a> .				<b>Intense focus:</b> Results suggest Sagittarius will succeed in CHC's renowned <a href="#">Left Lane Program</a> with a smooth transition into college.			
Capricorn - ♑ (Dec. 22-Jan. 20)				Aquarius - ♒ (Jan. 21-Feb. 19)				Pisces - ♓ (Feb. 20-Mar. 19)			
N	%	ES	p-value	N	%	ES	p-value	N	%	ES	p-value
1,841	74.1	0.02	0.364	1,973	74.1	0.02	0.298	1,863	73.9	0.01	0.479
<b>Plan oriented:</b> Results suggest Capricorn will succeed with a comprehensive <a href="#">student educational plan</a> from Counseling as a part of SSSP.				<b>Torch carrier:</b> Results suggest Aquarius will succeed by getting involved in College Hour, <a href="#">Student Life</a> , and <u>every</u> <a href="#">student club</a> .				<b>Knowledge seeker:</b> Results suggest Pisces should join the <a href="#">College Honors Institute</a> to deepen scholarship and creativity.			

**Note:** Zodiac dates change annually and are approximated for illustrative purposes. "N" denotes the number of grades on record of A, B, C, and P, and "%" denotes "N" divided by the total number of grades on record of A, B, C, D, F, I, W, P, NP, CR, and NC. "ES" denotes the effect size statistic, where an effect size of 0.20 or higher signifies a practically significant relationship.

**Source:** Wurtz, K. A. & Gamboa, B. R. (2015). Predicting Student Success by Zodiac Sign and Academic and Support Program, Spring 2015. Craffon Hills College Office of Institutional Effectiveness, Research and Planning. Retrieved from <http://www.craffonhills.edu/research>

<sup>1</sup> Seriously, though, D-LIAR is not a real statistical technique.

<sup>2</sup> Statistically significant where  $\alpha = 0.05$

<sup>3</sup> Statistically significant where  $\alpha = 0.10$