

Students and Courses Issue with GPA

An issue with GPA calculations on the Students and Courses report was recently identified.



The way the key figures, such as **GPA – Cumulative** and **GPA – Overall thru Term**, were being loaded and aggregated in BW was incorrect on the Students and Courses cube. This occurred when a student booked/canceled the same course n times. The system would multiply the GPA figure by the number of bookings for that term, thus inflating the GPA figures. See example below.

Student Number	Course	Section	GPA - Cumulative	GPA - Overall thru Term
	NUR 885	SECTION 003	11.475	11.490
	NUR 885	SECTION 006	10.065	10.080
	NUR 885	SECTION 004	9.201	9.210
	NUR 881	SECTION 006	10.524	10.530
	NUR 881	SECTION 003	19.158	19.140
	NUR 885	SECTION 007	10.239	10.230
	NUR 873	SECTION 002	23.100	23.100
	NUR 885	SECTION 008	10.131	10.140
	NUR 881	SECTION 008	10.341	10.350
	NUR 873	SECTION 003	9.501	9.510
	NUR 881	SECTION 007	9.642	9.630
	NUR 885	SECTION 005	10.206	10.200
	NUR 873	SECTION 008	9.186	9.180
	NUR 881	SECTION 006	20.322	20.340
	NUR 881	SECTION 005	10.341	10.350
	NUR 873	SECTION 001	9.162	9.150
	NUR 873	SECTION 009	11.223	11.220
	NUR 881	SECTION 002	9.660	9.660

The load and aggregates have been corrected in BW for the GPA key figures shown below. No matter how many bookings/cancelations a student has for a particular class, the GPA aggregates will display as shown below.

Student Number	Course	Section	Acad Work Status	Activity Type	GPA - Overall thru term	GPA - Cumulative	GPA - Transfer work only	GPA - Term	GPA - Overall total
[REDACTED]	NUR 910	SECTION 001	4 Booking Cancelled	CLI	4.000	4.000	0.000	0.000	4.000
		SECTION 002	1 Booked	CLI	4.000	4.000	0.000	0.000	4.000
[REDACTED]	NUR 511	SECTION 001	1 Booked	LEC	3.690	3.687	0.000	0.000	3.687
			4 Booking Cancelled	LEC	3.690	3.687	0.000	0.000	3.687
	NUR 512	SECTION 001	1 Booked	LEC	3.690	3.687	0.000	0.000	3.687
	NUR 872	SECTION 001	1 Booked	LEC	3.690	3.687	0.000	0.000	3.687
	NUR 873	SECTION 005	1 Booked	LAB	3.690	3.687	0.000	0.000	3.687
				LEC	3.690	3.687	0.000	0.000	3.687
			4 Booking Cancelled	LAB	3.690	3.687	0.000	0.000	3.687
	NUR 875	SECTION 003	4 Booking Cancelled	LAB	3.690	3.687	0.000	0.000	3.687
				LEC	3.690	3.687	0.000	0.000	3.687
			SECTION 005	1 Booked	LAB	3.690	3.687	0.000	0.000
	NUR 882	SECTION 002	1 Booked	LEC	3.690	3.687	0.000	0.000	3.687
			4 Booking Cancelled	LEC	3.690	3.687	0.000	0.000	3.687
	NUR 895	SECTION 001	1 Booked	IND	3.690	3.687	0.000	0.000	3.687
			4 Booking Cancelled	IND	3.690	3.687	0.000	0.000	3.687
[REDACTED]	NUR 605	SECTION 006	1 Booked	CLI	3.650	3.645	0.000	0.000	3.645
	NUR 633	SECTION 004	1 Booked	CLI	3.650	3.645	0.000	0.000	3.645
[REDACTED]	NUR 605	SECTION 005	1 Booked	CLI	4.000	4.000	0.000	0.000	4.000
			4 Booking Cancelled	CLI	4.000	4.000	0.000	0.000	4.000
	NUR 633	SECTION 003	1 Booked	CLI	4.000	4.000	0.000	0.000	4.000
			4 Booking Cancelled	CLI	4.000	4.000	0.000	0.000	4.000

If you have any questions about this issue, please contact BI-Requests@email.uky.edu.

Thank you,

BI Team