

Table 6 – Course outcome indicators used in the Descriptive Biochemistry course from 2021 to 2024.

The course was delivered entirely online in 2021 (values in gray).

Outcome indicator	2021	2022	2023	2024	TOTAL
Enrolled students	854	845	1066	811	3576
NA%	19	23	20	21	21
DOC%	7 a	13 b	14 b	12 b	12
Students who participated in the course [†]	644	632	738	674	2688
FC%	32 a	56 b	42 c	47 c	44
PC%	52 a*	37 b**	44 a*	42 b**	44
EC%	16 a#	7 b	14 a	12 a#	12
Students who passed the course ^{††}	335	234	325	280	1174
NB%	40 a	62 b	59 b	51 ab	52
B5%	21 ab###	14 a###	23 b	19 ab	20
B10%	38 a†‡	24 b	20 b†	29 ab‡	28

Indicator definitions:

NA%: non-attendance rate – proportion of enrolled students who did not participate in any course assessment.

DO%: dropout rate – proportion of students who earned less than 10% of the total assessment score.

FC%: failure rate – students who earned between 10% and 50% of the total assessment score.

PC%: pass rate – students who earned between 50% and 75% of the total assessment score.

EC%: exemption rate – students who earned over 75% and were exempt from the formal exam.

NB%: pass without bonus (50–60%).

B5%: pass with 5% bonus (60–65%).

B10%: pass with 10% bonus (65–75%).

[†] Students were considered to have taken the course if they obtained $\geq 10\%$ of the total assessment score (equivalent to the maximum contribution of Assessment I).

^{††} Students were considered to have passed the course if they scored between 50% and 75% of the total assessment points.

Statistical notes: Within each row, different superscript letters indicate significant differences ($P < 0.05$). Trends are indicated as follows: * $P = 0.072$; ** $P = 0.087$; # $P = 0.070$; ### $P = 0.055$; † $P = 0.079$; ‡ $P = 0.055$.