Conversion of grades earned outside of Germany according to the “modified Bavarian formula”:

If the grading system applied to examinations administered at universities or equivalent institutions of higher education and recognized by the Technical University of Munich is not in compliance with the grading system used at TUM, they will be converted according to the modified Bavarian formula, as specified in the General Academic and Examination Regulations (APSO) §16 (6):

The best achievable grade minus the grade achieved, divided by the best achievable grade minus the lowest passing grade. The result is, then, multiplied by three, and one is added.

The following graphic is provided for your assistance:

\[
\text{Nmax} = \\
\text{Nmin} = \\
\frac{\text{Nmax} - \text{Nd}}{\text{Nmax} - \text{Nmin}} = \\
\rightarrow \cdot 3 = + 1 = 
\]

Nmax = best achievable grade
Nmin = lowest passing grade
Nd = grade achieved