University	**:**	**University Of Anbar**
Country	**:**	**Iraq**
Web Address	:	https://www.uoanbar.edu.iq/English/index.php https://www.uoanbar.edu.iq/index.php

The Total Carbon Footprint (CO_2 emission in the last 12 months, in metric tons)

CO_2 (electricity)

$$= \frac{electricity\ usage\ per\ year\ (kWh)}{1000} \times 0.84$$

$$= \frac{3918216\ kWh}{1000} \times 0.84$$

= 3,291.30144 metric tons

CO_2 (bus)

$$= \frac{number\ of\ shuttle\ bus\ in\ your\ university \times total\ trips\ for\ shuttle\ bus\ service\ each\ day \times approximate\ travel\ distance\ of\ vehicle\ each\ day\ inside\ campus\ only\ (KM) \times 240}{100} \times 0.01$$

$$= \frac{307 \times 2 \times 2 \times 240}{100} \times 0.01$$

= 29.472 metric tons

CO_2 (cars)

$$= \frac{\text{number of cars entering your university} \times 2 \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0.02$$

$$= \frac{451 \times 2 \times 2 \times 240}{100} \times 0.02$$

= 86.592 metric tons

CO_2 (motorcycle)

$$= \frac{\text{number of motorcycle entering your university} \times 2 \times \text{approximate travel distance of vehicle each day inside campus only (KM)} \times 240}{100} \times 0.01$$

$$= \frac{19 \times 2 \times 2 \times 240}{100} \times 0.01$$

= 1.824 metric tons

CO_2 (total)

$$= 3{,}291.30144 + 29.472 + 86.592 + 1.824$$

$$= \mathbf{3409.18944}\ \text{metric tons}$$

Carbon footprint in 2023= 3409.18944 metric tons

Total Carbon Footprint (University Of Anbar)