

Tutorial (TD) N° 03

Citation of References in Text

Summary of Exercise Goals

These exercises help students:

1. Differentiate between Harvard and Vancouver styles.
2. Practice paraphrasing and quoting.
3. Cite multiple sources accurately.
4. Develop confidence in applying citation styles in academic writing.
5. Citing multiple sources by different authors.
6. Citing multiple works by the same author in different years.
7. Combining citations from both same and different authors on related topics.

Differentiating Between Harvard and Vancouver Styles

1. Structure of In-Text Citations

- **Harvard Style:**
 - Uses the *author-date* format.
 - The author's last name and the year of publication are placed directly in the text, with a page number if a direct quote or specific detail is referenced.
 - **Example:** (Smith, 2020) or Smith (2020) mentions that biodiversity is essential.
- **Vancouver Style:**
 - Uses *numbered citations* in the order they appear in the text.
 - Each source is assigned a unique number, which corresponds to a full reference in the list of references at the end.
 - **Example:** Biodiversity is essential [1] or Smith argues that biodiversity is essential [1].

2. Use Cases in general

- **Harvard Style:**
 - Common in social sciences and humanities.
 - Emphasizes authorship and publication date, making it easy to see when the research was conducted.
- **Vancouver Style:**
 - Common in medical, biological, and technical fields.
 - Efficient for texts with numerous citations, as numbers save space and simplify reading.

3. Tips for Remembering the Difference

- Harvard Style = *Author-Date* format.
- Vancouver Style = *Numbered* format.

Exercise 1: Basic Harvard Style Citation

Cite the following statements in Harvard style using the information provided, and write each statement as if you were citing it in an academic paper.

1. A study on plant biodiversity emphasizes that diverse ecosystems are more resilient to environmental changes.
 - **Source 1:** Author: Williams, R., Year: 2019, Title: *Plant Biodiversity and Ecosystem Resilience*, Journal: *Ecology Today*, Page: 45.
2. Another research states that photosynthesis efficiency decreases with rising temperatures.
 - **Source 2:** Author: Chen, Y., Year: 2020, Title: *Climate Change and Photosynthesis*, Book: *Plant Physiology in Changing Climates*, Page: 32.

Exercise 2: Basic Vancouver Style Citation

Rewrite each sentence below using Vancouver style citation.

1. Research on cell metabolism shows that higher glucose levels can affect cell function.
 - **Source 3 :** Author: Johnson, T., Year: 2021, Title: *Cell Metabolism*, Journal: *Journal of Biological Studies*, Page: 150.
2. Another study highlights that protein synthesis rates vary with cell type.
 - **Source 4:** Author: Adams, K., Year: 2022, Title: *Protein Synthesis in Cells*, Journal: *Biochemistry Research Journal*, Page: 88.

Exercise 3: Paraphrasing with Harvard and Vancouver Style

Paraphrase the following information and cite it using both Harvard and Vancouver styles.

Statement: "Water scarcity has become an increasing challenge in arid regions due to climate change impacts."

- **Source 5:** Author: Green, S., Year: 2020, Title: *Climate Change and Water Resources*, Journal: *Environmental Science Journal*, Page: 23.

Exercise 4: Direct Quotations with Harvard and Vancouver Style

Use a direct quotation in the text and cite it using both Harvard and Vancouver styles.

Statement: The author states, "Biodiversity loss is one of the greatest threats to ecosystem health."

- **Source 6:** Author: Brown, P., Year: 2019, Title: *Biodiversity and Ecosystem Health*, Journal: *Ecology and Evolution*, Page: 120.

Exercise 5: Citing a Source with More Than Three Authors

Cite this source with both Harvard and Vancouver styles.

Statement:

1. A recent study on genetic diversity indicates that variations within species help prevent diseases.

- **Source 7:** Authors: Smith, T., Brown, R., Chen, L., and Davis, M., Year: 2021, Title: *Genetic Diversity in Populations*, Journal: *Journal of Genetics*, Page: 34.

Exercise 6: Citing Multiple Sources

Rewrite the sentence below by citing both sources in Harvard and Vancouver styles.

Statement: Research shows that invasive species can alter ecosystem balance, and nutrient cycles are often disrupted by their presence.

- **Source 8:** Author: Smith, J., Year: 2018, Title: *Invasive Species and Ecosystems*, Journal: *Journal of Ecology*, Page: 60.
- **Source 9:** Author: Lee, K., Year: 2019, Title: *Ecosystem Nutrient Cycles*, Journal: *Environmental Studies*, Page: 102.

Exercise 7: Citing the Same Author with Different Sources

Rewrite the following sentences using Harvard and Vancouver styles to cite multiple works by the same author.

Statements 01: Research covers two critical areas: forest conservation and urban biodiversity.

- **Source 10:** Author: Smith, J., Year: 2017, Title: *Forest Conservation Strategies*, Journal: *Environmental Journal*, Page: 12.
- **Source 11:** Author: Smith, J., Year: 2019, Title: *Urban Biodiversity and Ecosystem Services*, Journal: *Ecology Review*, Page: 34.

Statements 02: The enzyme complexes were produced using *Aspergillus niger* strain BG and *Trichoderma afroharzianum* isolate AZ 12, isolated from a forest plot dotted with olive trees in the IGHARAM region of Akbou, Bejaia, in north-eastern Algeria.

- **Source 12:** Azzouz, Z., Bettache, A., Djinni, I., Boucherba, N., Benallaoua, S., 2020. Biotechnological production and statistical optimization of fungal xylanase by bioconversion of the lignocellulosic biomass residues in solid-state fermentation. *Biomass Convers. Biorefinery* 1–13.
- **Source 13 ;** Azzouz, Z., Bettache, A., Boucherba, N., Amghar, Z., Benallaoua, S., 2020. Optimization of xylanase production by newly isolated strain *Trichoderma afroharzianum* isolate az 12 in solid state fermentation using response surface methodology. *Cellul. Chem. Technol.* 54, 451–462.

Exercise 8: Combining Multiple Citations by the Same and Different Authors

Write one version with Harvard style and another with Vancouver style, ensuring all sources are properly included.

Statement 01: Recent studies by Wilson and others demonstrate the impact of climate change on marine biodiversity, while additional work by Lopez confirms similar trends.

- **Source 14:** Author: Wilson, T., Year: 2018, Title: *Climate Change and Marine Life*, Journal: *Marine Biology*, Page: 22.
- **Source 15:** Author: Wilson, T., Year: 2020, Title: *Impact of Rising Temperatures on Ocean Species*, Book: *Climate Impacts on Ecosystems*, Page: 45.
- **Source 16:** Author: Lopez, R., Year: 2019, Title: *Global Warming Effects on Ocean Biodiversity*, Journal: *Environmental Change*, Page: 33.

Statement 02: Studies highlight that climate adaptation and water conservation are key strategies to address environmental challenges.

- **Source 17:** Author: Green, S. and Clark, A., Year: 2020, Title: *Climate Adaptation Methods*, Journal: *Environmental Policy Journal*, Page: 101.
- **Source 18:** Author: Green, S., Year: 2019, Title: *Water Conservation Techniques*, Journal: *Water Resources Review*, Page: 58.
- **Source 19:** Author: Thompson, B., Year: 2021, Title: *Environmental Challenges*, Journal: *Sustainable Development*, Page: 200.