Guidelines for written reports
Bachelor Biosciences
Valid as of September 2023

One important aim of our curriculum is to aid you in becoming a scientific researcher. After graduation, you are expected to be able to perform, report on, and discuss your own scientific research. Sharing your results with other scientists in your field is done via articles published in international scientific journals. In these articles, experiments that have led to a publication are described in such detail that other researchers are able to:

- understand why the experiments have been performed
- assess the validity of your conclusions
- repeat the experiments if desired

There is no fundamental difference between writing a report based on experiments performed as part of a laboratory class and writing a scientific paper for an international journal. In general, both make use of the same structure and layout. The writing of reports during your study is thus an excellent opportunity to prepare yourself for writing a scientific paper during internships or a possible future career.

The following guidelines are, unless explicitly stated otherwise by the teacher, applicable for all written reports handed in during courses within the Bachelor Biology at Radboud University.

Note that compared to the version of September 2021, content has been altered (mainly clarified) in the following sections:
- Introduction – Hypothesis
- Keywords
- Results – Text
- Discussion
General guidelines

Structure
The most **important prerequisite** for writing a well-organized and clear report is having all required data at hand; making sure to analyse and plot all of your results (drawings, graphs, tables) and listing all conclusions that can be drawn from your data. You should be able to find this information in your laboratory notebook.

The building blocks of the report will be **paragraphs**, each of which ideally focuses on a single topic. Each paragraph should start with a single introductory sentence and end with a concluding one. To maintain a **coherent story** throughout your report, it is important that the concluding sentence of one paragraph is followed in a natural manner by the introductory sentence of the next paragraph. Paragraphs are made visible by either leaving a blank line between them, or by starting each paragraph with an indent. Always choose one of either methods and consequently use this method.

Layout
Make sure your report has a good layout. A report in which proper attention was given to layout is a good calling card, which can add to your portfolio. Some general rules to keep in mind:

- Choose a common **font type**, like Calibri, Arial or Times New Roman with a **size** of 12 pt.
- A scientific report does **not require a cover page**. A title, directly followed by an abstract is preferred.
- Use **headers** to separate different topics in your report:
  - The **introduction** rarely contains headers, but the **materials and methods** section often does. When a practical consist of more than one experiment, it is advised to provide each with a unique header (the names given to such headers do not need to be the same as the ones provided in the course manual, which are often labelled “Experiment 2A”, etc.)
  - When different experiments have been labelled with headers in the materials and methods section, try using the same headers in the **results** section for the results obtained by the individual experiments. This makes it easier for readers to locate the experimental conditions and setup that led to the presented results.
  - The **discussion** section can sometimes contain headers, but this is not always necessary. For instance, headers can be used if your discussion has more than one “theme” or “topic”. An example would be a discussion section in which **Behaviour, Gene expression and The limitations of the study** are discussed. Based on your results
and conclusions, decide if splitting the discussion into different themes/topics makes it clearer and more pleasant to read.

- It is best not to add supplemental data. Relevant results should be included in the report itself.
  - However, supplemental data are sometimes used to provide figures and/or data that do not directly contribute to the whole of the report (for example data of parameters that did not differ between treatments). By offering such information as supplemental data, they will not distract from the main message of your report, but are still available. This is often done when writing a manuscript or report with a limited amount of space.
  - Some scientific journals use supplemental data to include raw data from which the figures in the results section are derived. However, unless explicitly stated, lists of statistical calculations, pipetting schedules, and/or all raw data should not be added as supplemental data in your report. Such information should be written down in your laboratory notebook, so they can be presented upon request.

Language – General rules
It should be evident that correct and proper use of language is key to writing a scientific publication. Some general rules:

- Do not write in telegram style, but make use of full sentences. Avoid using street language or slang.

- Try to avoid using standard abbreviations, for example vs., max. If you do wish to use a specific abbreviation repeatedly in your report, you should write down the word in full the first time you use it and add the abbreviation between brackets behind it. For example: “Herbivore-Induced Plant Volatiles (HIPV’s)“.

- Make sure to use the correct spelling and be consequent in the use thereof. When writing in English for example, one should pick either British English or American English for the entire report.

- Before, it was not common to use “I” and “we” (and the active tense). However, nowadays it is accepted more and more. In your report, you could for example use “I” and “we” in your introduction to formulate your research question and hypothesis. Additionally, in the discussion it is nowadays more common to use these pronouns, as they sound stronger and more powerful and add to the vividness of your paper. In the section material and methods however, personal pronouns should be avoided.
  - Incorrect: “We added 3 g NaCl to the solution.” (active tense)
  - Correct: “3 g NaCl was added to the solution.” (passive tense)
Aim to **write in a professional style** and avoid making long sentences (15-20 words).

Do **not use emotional or value judgemental statements** such as “sadly”, “unfortunately” or “a good result”.

Only use **numbers** (1, 2, 3, etc.) when followed by a unit (mg, mM, etc). In other cases, numbers are written as words (one, two, three). Numbers 20 and higher are always written numerical. Always leave a space between numbers and units and use decimals (0.5) rather than fractions (½).

**Scientific names of organisms** are always written in italics, for example: *Escherichia coli* (note that the genus name always starts with an upper case letter and the species name with a lower case letter).

**Language – Correct use of verb tenses**

- When reporting on **truths or conclusions**, use the present tense (introduction and discussion section).
  - “Cells are the smallest functional units of the human body.”

- When referring to the **results or conclusions of other studies** (introduction and discussion section), the present tense could be used. The past tense could also be used.
  - “Jansen et al. (2011) have shown that some bacteria grow better at 65°C than at 37°C.”
  - “Jansen et al. (2011) showed that some bacteria grow better at 65°C than at 37°C.”

- When the **subject of the study** is described, the past tense is used (introduction and discussion section).
  - “In this study the growth of bacteria at different temperatures was observed.”

- When describing **experiments**, (material and methods section) and when describing **results** (results and discussion section), the past tense is used.
  - “Bacteria were grown at 37°C.”
  - “Bacteria grew exponentially at 37°C.”

- For the **interpretation of results**, the present tense is used (results and discussion section).
  - “The results show that bacteria grow better at 37°C than at 65°C.”

Describing conclusions from the results, interpreting these conclusions and referring to other studies, could in this way lead to the use of several verb tenses in one paragraph (the discussion).
• “On average, A was higher than B, which means that A has a greater part in the ecosystem. This is consistent with the results of Pietersen et al. (2012)\(^1\), who found that A is the dominant species.”

**Plagiarism**

Presenting conclusions and/or results from the work of others, without proper citation, is considered plagiarism. In addition, copying complete sentences from literature or digital sources is also considered plagiarism, even when adding a reference! The correct way to cite the work of others is to write down – *in your own words* – the main findings of a study and to include a reference. Plagiarism will always be reported to the Examination Board, after which they decide what penalty will follow.

**Suggested literature**

More tips on how to write your report, such as preparations for writing a report, choosing effective graphs, spelling and grammar, or suggestions for the correct usage of language, can be found in the following books:


**Writing assistance**

Next to the assistance/tips from the instructor(s) of a specific course, you can also visit the “Radboud Writing Lab”. A list of the services they offer can be found on their website [http://www.ru.nl/writinglab/english](http://www.ru.nl/writinglab/english) and are free of charge for students in Nijmegen.

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Report components – specific guidelines

A report consists of the following components:

- Title
- Abstract
- Keywords
- Introduction
- Materials and Methods
- Results
- Discussion
- Literature - References

In general, all courses in the Bachelor Biology will adhere to the above listed components. However, the importance of each component may differ. Therefore, pay attention to the instructions given per course, so you know which part of the report requires extra attention.

Title

The title of a scientific report should be chosen with care, since it will be the first thing other scientists read and should entice them to read the full report. A good title is short and concise, informs on the content of your reported study (without overlap with the keywords), and invites to read. In other words, the best title is the shortest and most enticing line possible that still catches the core of the research and gives the reader a good impression what to expect in the rest of your report.

Directly below the title, give the author names, student numbers and if applicable your group/team number.

Abstract

The abstract is a short – yet complete – summary of your report, usually with the length of a single paragraph. An abstract is written after the report is finished and all results and conclusions are known. An abstract is an independent entity: it is written without references to other parts of the report or to other existing literature. A good abstract entices readers to read the full report. The word limit of an abstract is often around 200 words.

The build-up of an abstract is as follows:

- **Background.** In one or a few sentences, give information on the existing background that resulted in the current study. Make sure it couples to the subsequent research question.
- **Research question and hypothesis.** In one sentence, convey a clear and concise aim towards which this study was performed and a testable and concise prediction of the outcome.
- **Experimental design.** State briefly how the research was performed.
Results. Report the most important findings of your study in a concise manner.

Conclusion. End the abstract with a concise concluding sentence that answers your research question or hypothesis.

Keywords
Below the abstract 3 to 6 keywords must be mentioned. Keywords can consist of one or a few words that are cover the content of the report. In using these keywords and the title or the report, one should be able to find the report in a database. To make optimum use of the limited amount of words preferred in the title and keywords, keywords are specific and informative terms that have not already been used in the title.

- For example, the words ‘brain’ and ‘neuron’ might be words that you use in your report, but they are too generic to be used as a keyword (i.e. these words are present in almost all papers concerning neurobiology).

A good way to come up with keywords is to think of what words you would use in a search engine (e.g. Google Scholar) to find your paper. Often one of the keywords is the model organism you work with. Another way to come up with proper keywords is to check what keywords are used in the literature references you use to write your report.

Introduction
The introduction should provide the relevant background information on your study. The content will be funnel shaped: start by placing your study in a broader context, and use each new paragraph to narrow down the focus towards your research question. Make sure you limit the information you provide to only that which is relevant for the current study. Extensive theoretical background information not directly related to your study should not be included. At the end of your introduction, include your research question and hypothesis. Make sure all the sections are clear to identify and in the correct order.

It is important to keep your target audience in mind. You have to provide them with all necessary (referenced) information to understand the rest of your report. You can assume the target audience to be your fellow students, with the same level of knowledge you have. So you do not need to explain what DNA, cells or proteins are, but you do need to provide background information that was not known to you before you started with the experiment.

Your research question (aim) addresses the question you are trying to answer during your research. Therefore it should be clear, specific and concise. On the other hand, you want to refrain from putting details in your research question that do not influence your final conclusions.

- For instance, if you are looking at the reproduction of Drosophila under two different conditions, it probably does not matter for your conclusions if you started with 10 or 20 individuals or how frequently the population numbers were counted.
Your **hypothesis** is the predicted answer to your research question (so make sure it clearly **links to the research question**). Your hypothesis is not the same as a guess, but it is an informed and testable prediction. Therefore, your hypothesis should be supported by the literature in your introduction. It describes **what you expect and why**.

**Materials and Methods**

Start this section by giving the reader enough information to be able to judge if your experimental approach is correct. Therefore, address the **research goal** of the experiment before you go into detail on the experiment itself. That way your reader can judge if your experimental set-up is valid by just reading the materials and methods section.

When **describing the experiment** it is important that other researchers, after reading this section, should be able to perform the same experiments (**replicate** them). Therefore, take the following into account:

- In contrast to what the name of this section suggests, do **not include a list of materials**.
- Write down **what you have done**, and not exactly how you have done it using a **passive voice** and your own words (not refer to student-handouts).
  - For example, you do not need to state that you transferred liquids using a pipette. However, you do need to write down what the solutions and media you used contain.
  - Incorrect: Transfer the cells to an agar plate. Incubate for 48 hours at 37°C. Wash the cells with isotone saline solution.
  - Incorrect: Culture cells for two days in serum rich medium and wash them two times with an isotone saline solution.
  - Correct: Cells **were cultured** at 37°C for two days in serum rich medium and **were subsequently washed** twice with an isotone saline solution.
- **Not** include (chemical) calculations or pipetting schemes or for example tables PCR conditions (these should be included in your laboratory notebook). In most cases, it is unimportant how many microliters stock solution was diluted with how many microliters of water. Instead, write down the **used volume and its concentration**. The used concentration (if possible) is written down in Molar, for example: 10 mM or 10 mmol/l
  - Incorrect: 80 microliters of a NaCl stock solution (100 mM) was added to 720 microliters of demi-water. Next, 200 microliter of the diluted NaCl solution was added to the samples.
  - Correct: 200 microliter 10 mM NaCl was added to each sample.
Avoid making a bulleted list as you would in a work protocol, but create a coherent text which conveys what you have done. If applicable, make sure to describe separate experiments separately.

Include information on the formulas and/or statistical methods used to assess differences between your experimental groups. This is often included as a final paragraph. Describe what statistical tests you chose to analyse your data sets. If you used multiple approaches, explain which approach was used for each data set.

- An example: “Gene expression data were checked for normal distribution by a D’Agostino-Pearson omnibus normality test. Normally distributed data were compared using a Student’s t-test (using a Welch’s correction in case of unequal variances). Not-normally distributed data were compared using a Mann-Whitney U test. In all cases, tests were two-tailed with significance level $\alpha=0.05$.”

**Results**

Start your results section with an introductory sentence in which you **briefly repeat the research question**. In the rest of this section you **present your key results** (including statistics) using figures (graphs or drawings) and tables, interspersed with short paragraphs of text that guide readers from one experiment to the next (like a story).

Someone should be able to understand the text without looking at the figures/tables, but also understand the figures/tables without reading the main text. Additionally, a figure or table that is not referred to in the text, should not be included in your report.

**Graphs and tables**

When presenting your data, chose either a table or graph – **never** present your data in both formats. The most common choice is a graph as this clearly and directly shows your results. Yet, when the data cannot be easily presented in a graph, or if the numbers in itself are most important, you can decide to present the data in a table.

When creating a graph, make sure to:

- Place the **independent variable** – known as the treatment (such as concentration, time, and temperature) – on the x-axis. This means that the **dependent variable** – known as your readout (such as absorbance, oxygen concentration, number of germinated seeds) – is placed on the y-axis.

- Include the **parameter and its unit** along the axis.
  - For example: Oxygen concentration (mg/l), Time (seconds) or Germinated seeds (percentage of total).
- Plot the **labels of the axis** with a constant interval and the correct spacing (not: 1-2-5-6-8-27) and avoid using too many numbers on an axis.

- Provide, if applicable, each figure with a **key** explaining the symbols used. The key can be included in the legend of the figure or added separately in the figure itself.

- Provide each figure with a **legend (also called caption)** that is situated **below** the figure. Start the legend with the figure number, followed by a title explaining the experiment and data presented. A figure **never** has a title above it. The reader should be able to understand the legend and the figure without having to read the main text. Therefore, after the title sentence, make sure to include information on how your data is presented (mean values, median values), what error bars were used (standard deviation (s) or standard error of the mean (SEM)), what P-values are represented by the asterisk (* P<0.05) and the number of replicates per group (N) and the number of individuals per group (n).
  - For example, in a single experiment three groups were used per treatment (N=3) and each group included 6 individuals (n=6). Keep in mind, that ‘n’ is NOT used to indicate a duplo or triplo measurement. Duplo/triplo measurements are of a single sample and are used to reduce any measuring errors that may exist. The mean value of a duplo/triplo is used as a single data point in your analysis (n=1).

An example of a **correct graph** (Figure 1) and an **incorrect graph** is given (Figure 2).
Similar to graphs, **tables** should be comprehensible without reading the main text. When creating a table, make sure to:

- Properly **round down/up your data**, and use the correct **number of significant figures**.

- Include the **parameter and unit** for each column.

- Provide each table with a **legend (also called caption)** that starts with a number (tables and figures are numbered separately) and title sentence and position this above the table.

- Information on items included in the table (significance, number of individuals) are written below the table via **footnotes** (so not in the legend like with figures).

An example of a correct table (Table 1) and an incorrect table (Table 2) is given.

### Table 1 | Average growth (± standard deviation) in cm for plant A and plant B after treatment with growth hormone (GH).

<table>
<thead>
<tr>
<th>GH (mM)</th>
<th>Plant A</th>
<th>Plant B</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3.4 (0.2)a</td>
<td>1.4 (0.1)a</td>
</tr>
<tr>
<td>1</td>
<td>4.1 (0.3)b</td>
<td>1.5 (0.2)b</td>
</tr>
<tr>
<td>10</td>
<td>5.4 (0.2)c</td>
<td>2.5 (0.2)c</td>
</tr>
<tr>
<td>100</td>
<td>6.7 (0.1)d</td>
<td>3.0 (0.3)d</td>
</tr>
</tbody>
</table>

* a-d values not sharing the same letter are significantly different (*P*<0.05). Assessed over concentrations within a single plant. *n* = 6 per concentration.  
# shows significance (*P*<0.05) between plants at each concentration. *n*=6 per plant

### Table 2 | Growth of plant A and plant B

<table>
<thead>
<tr>
<th>GH</th>
<th>Plant A</th>
<th>Plant B</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3.4</td>
<td>1.4</td>
</tr>
<tr>
<td>1</td>
<td>4.1</td>
<td>1.5</td>
</tr>
<tr>
<td>10</td>
<td>5.4</td>
<td>2.5</td>
</tr>
<tr>
<td>100</td>
<td>6.7</td>
<td>3.0</td>
</tr>
</tbody>
</table>

*Main findings* are conclusions that you can directly derive from the figure/table (e.g. the relation between ‘X’ and ‘Y’ or the significant difference between ‘A’ and ‘B’).

*A figure reference* is made part of the sentence by placing it between brackets within or at the end of the sentence: “A is higher than B (Fig. 1).” Another way to refer to figures is: “Figure 1 shows that… ”. However, this version is not preferred, as the
sentence focuses on the figure reference instead of the results. Do not use phrases as “see figure below” or “the figure on the next page”.

When you conducted a series of experiments that are linked or closely related, it is important to explain the relation between them. You can do so by starting each paragraph with a sentence that links the experiments together, and by explaining the relation between the results in the different figures/tables (without explaining relations based on biological interpretations). This ensures your story becomes a coherent and single entity.

Statistics
Where applicable, statistical differences are included in figures and tables via for example using an asterisk (*). The common rule is to represent higher significance with more asterisks (* P < 0.05, ** P < 0.01 and *** P < 0.001) (Figure 1). When comparing three or more groups, another approach could be to use letters. In this case, groups sharing the same letter are not significantly different (Table 1). Include the chosen level of significance (e.g. α=0.05) associated with these letters in your figure legend or table footnotes.

Additional statistical information is mentioned in the text of the results section. To make the information complete, mention the statistical methods used. This is not obligatory though, because you showed this before in the methods section. It is however required to list the values of the used distribution (e.g. the F-value, t-value, U-value, etc.), the degrees of freedom (d.f.) and the P-value. The degrees of freedom could be shown in combination with the value of the used distribution (e.g. F(2,24)=6.789), or separately (e.g. d.f.=3). Given are two possibilities of getting the same statistical message across:

• “A Tukey post-hoc analysis (α=0.05) following an ANOVA (F(2,24)=6.789; P=0.003) showed that an increased salt concentration in the substrate negatively affected the growth of crop B (P<0.05) and crop C (P<0.005) compared to crop A (control).”

• “Increasing the salt concentration in the substrate significantly affected the growth of the tested crops (ANOVA; F(2,24)=6.789; P=0.003). Compared to crop A (control), growth of the crops B (P<0.05) and C (P<0.005) was significantly reduced (Tukey’s test, α=0.05).”

Discussion
The discussion is perhaps the most important part of a report because this is the section where everything comes together (the different experiments, their results and their implications). In the discussion, your own reported results and conclusions (results section) will be explained and placed in a broader context by linking them to literature. The structure therefore is from specific (your own results) to broad.

The first paragraph of the discussion section is used to repeat the research question and hypothesis, followed by a summary of the most important conclusions from the results.
Avoid repeating all your results in detail. An easy way to do this, is to use the concluding sentences at the end of the paragraphs in your results section as a basis. In the following paragraphs, you discuss your results.

- When you conducted a series of experiments and/or analyses, it is important to explain the relation between the results within and between different graphs and tables. Do your results support or contradict each other? Could you use the results from one figure to explain the results in another?
- Do not repeat statistics from the result section (e.g. the P-values). You can just state the conclusions from your statistical tests (e.g. ‘A’ is higher than ‘B’) when relevant.

In the following paragraphs, you discuss the conclusions from your results by placing them in a broader biological context. In general, this takes up most of the discussion section. Make sure to include:

- **Biological interpretations** of your results. Use theory from literature to explain your findings. When looking at your conclusions from the results, ask yourself questions like: What could it mean that ‘A’ is significantly higher than ‘B’? What could cause it?
- If your **findings support or negate your hypothesis**, including an explanation of the relation of your results to findings in literature. Does other literature support or contradict your findings?
- What you think that are the **implications** of your results and conclusions on the scientific field and/or society.

The final on or two paragraphs of the discussion section are often used to mention:

- What **new questions** arise due to your results and conclusions and to what **future experiments** your results lead. Future studies are proposed mainly when your results bring forth more questions and new hypotheses. When proposing new studies, it is not sufficient to state “new studies are necessary”. Be specific and mention what type of studies you propose (which aspect, which mechanism, how could they be performed and what answers they might supply).
- The **overall conclusion**, which describes to what extend the results have answered the research question. Discuss if the hypotheses that you formulated in the introduction section turned out to be correct and if the most important results can be explained. Never end your final paragraph with “more research is necessary”, instead end positive and with something your results have shown.

**Unexpected results**

- **Don’ts**: The discussion is not meant to discuss negative results that have a practical reason (an ‘error discussion’). Such discussion should be included in your laboratory notebook (to avoid future mistakes). When in doubt about the proper practical handling, experiments are normally repeated. However, during a practical course, this is (often) not possible. Instead, pooling data from multiple groups can be used to
counter possible practical errors. Therefore, statements such as: “the experiment should be repeated before we can draw a conclusion” should not be used.

- **Do’s**: Often results do not (fully) meet your hypotheses, but there is no doubt about proper practical handling. If this is the case, you should use the discussion section to formulate new hypotheses, and you should use existing literature that may explain your observed results. Additionally, if you need to use your own data, but expect they are influenced by human error, you may briefly mention so. However, ensure you do not write a full error discussion.

**Literature – References**

Keep in mind that it is impossible to write an introduction and discussion without using references. The introduction informs the reader about existing knowledge on which your experiments are based. This information must have come from other scientific sources. Often this will be your practical handout. However, try not to limit your references to this source only, as this is not publicly accessible by others and is not considered to be scientific literature. Instead, check the references used in the practical handout and read the information in those cited papers for your own report. Search engines such as Web of Science, Google Scholar or PubMed are often used to find published scientific literature.

All literature you refer to in your report needs to be included in the **reference list**. Likewise, all literature in your reference list, needs to be included as an **in-text citation** in your report.

Note that you should always try to read and cite the original source of the information (primary source). However, never cite a source that you did not read. If you cannot read the primary source (e.g. because you have no access to the paper or if the paper is in a foreign language) you can cite the **secondary source**.

Strict and detailed rules exist on how to properly cite and refer to literature and those rules may differ between scientific journals and publishers. These differences are mostly minor and involve the use of **bold**, **italics**, positioning of the publication year, etc.

As an easy tool, you can make use of **EndNote**, which is installed on all the computers within the Faculty of Science. With EndNote it is easy to insert citations into your text and the programme will automatically format and provide a reference list at the end of your document. For reports written during the courses for the Bachelor Biology we use the **reference and citation style CSE N-Y** as described hereafter.
In-text citations
- **Journal article, book or book chapter** (both in print and online publications): First author name and year of publication. Note that, when only two authors exist on a publication, both names are given in the citation. When a reference has three or more authors, only use the first author name followed by “et al.”
  - “A large breakthrough in unravelling the DNA structure was achieved by Watson and Crick (1953)”
  - “Phosphodiesterase catalyses the breakdown of cAMP (Randall et al. 2002)”
- **Internet source**: URL name of the homepage, followed by the year of publication. However, only use this option if you cannot find another primary source (e.g. journal article or book) containing similar information, as internet sources may disappear or an URL may change.
  - “Memory T cells can be actively suppressed from producing toxins like cytokines (sanquin.org 2018)”
- **Secondary source**: it should be clear from the in-text citation that it was based on another source.
  - (Darwin 1871, as cited in de Waal 2007)
  - As de Waal (2007) describes the results from Darwin (1871)

Reference list – end reference
Depending on the type of document source you used to, the information that should be included in the reference list differs. Note that in your literature list you can then cite the secondary source without referring to the primary source (as for in-text citations).

- **Journal article**: Authors surname and initial(s). Publication year. Title. Name of the journal (complete or abbreviation but keep it consistent throughout your reference list). issue/volume: first and last page number
- **Book**: Authors surname and initial(s). Publication year. Title of the book. Edition. City of publishing. Publisher.
- **Chapter from a book**: Authors and initial(s) of the chapter. Publication year. Title of the chapter. In: Authors and initial(s). Title of the book. Edition. City of publishing. Publisher name.

o **Internet source**: authors surname and initial(s) or website. Publication year or copyright. Title of the text. Title of the home page [online]. Place of publication: Publisher; [date cited]. Available from: http://Website URL [accessed date].