

Syllabus for the obligatory course:
Journal club 2

Academic year: 2025/2026

Program: Graduate program Biotechnology for the Life Sciences

Course code: BLS202

ECTS points: 3

Language of the course: English

Teaching hours: 30 hours (10 x 3hr seminars)

Prerequisite for enrolment: completed Journal club 1 course (or suitable alternative)

Course leader and contact information:

Title and name: Professor Ivana Munitić

Address: Faculty of Biotechnology and Drug Development, O-212, R. Matejčić 2, Rijeka

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Time period: November 2025 - May 2026

Teachers:

Professor Ivana Munitić (15S)

Assistant (9S)

Guest teachers (6S)

(remark: some of these JCs will be joint with JC1 students or with guest teacher for example from the labs where students perform their apprenticeships)

Literature: Recently published original scientific papers.

Course objectives:

Learning outcomes:

By the end of the course, students will be able to:

- critically evaluate original scientific articles and assess the originality and quality of research
- understand the structure of the original scientific research article
- adopt the skill of presenting scientific results

- adopt the skill of searching literature
- acquire the skill of interpreting, arguing and synthesizing scientific results
- suggest ways to solve the experimental question using a scientific method
- adopt basic topics, methods and appropriate scientific terminology of research groups of the Department of Biotechnology to be able to choose the area in which they will write a thesis

General competences gained on the course:

A1, A2, A3, A5, A7, B1, B3, B4; C1, C2, C3, C4.

Detailed course content:

Seminars:

S1-S10 Journal clubs (3h each)

Requirements, methods of assessment and evaluation:

Students are required to attend and actively participate in lectures and seminars.

Qualification and grades (according to Pravilnik o studijima Sveučilišta u Rijeci):

Assessment during the course (70%), based on the average mark for all individual journal clubs.

Final exam - 30 %. The final exam will be written and/or oral, depending on the feasibility of holding live exams. Optional: if the teachers deem it feasible to grade students during journal clubs, there will be no final exam.

Eligibility for final exam:

- Students scoring between 0 and 34.9% will not be allowed to approach the final exam
- Students scoring between 35% and 70% will be allowed to approach the final exam

The final exam is taken in writing.

Examination deadlines:

The final exam will be in May 2022 (if deemed necessary by the teachers).

Final grades

The following grades will be awarded based on the final score:

Percentage score	ECTS grade	Numerical grade
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90% do 100%	A	Excellent (5)
75% do 89,9%	B	Very good (4)
60% do 74,9%	C	Good (3)
50% do 59,9%	D	Satisfactory (2)
0% do 49,9%	F	Unsatisfactory (1)

The final grade is based on the sum of percentage points accumulated during the course and on the final exam. Passing grades are excellent (5), very good (4), good (3) and satisfactory (2).

To complete the course students must attain a passing mark for the entire course (50% or higher) as well as achieving at least 50% at the final exam.

Additional information:

Academic integrity

Students are required to respect the principles of academic integrity and refer to the following documents: Ethical rules of the University of Rijeka and Ethical rules for students.

Schedule of classes:

Date	Class type	Topic	Hours	Group	Teacher	Time and place
24/11/2025	S1	Journal club #1	3	all	Professor Ivana Munitić	13.00-15.15 O-268
TBD	S2	Journal club #2	3	all	Professor Ivana Munitić	TBD
TBD	S3	Journal club #3	3	all	Guest teacher	TBD
TBD	S4	Journal club #4	3	all	Assistant	TBD
TBD	S5	Journal club #5	3	all	Professor Ivana Munitić	TBD
TBD	S6	Journal club #6	3	all	Professor Ivana Munitić	TBD
TBD	S7	Journal club #7	3	all	Guest teacher	TBD
TBD	S8	Journal club #8	3	all	Assistant	TBD
TBD	S9	Journal club #9	3	all	Professor Ivana Munitić	TBD
TBD	S10	Journal club #10	3	all	Assistant	TBD
TBD		Final exam -if necessary	2	all	Prof. Ivana Munitić	TBD