

Appendix A: Students (ENGLISH)

Question S1: Are you male or female?

- (1) Male
- (2) Female
- (3) Prefer not to declare

Question S2: How old are you?

- (1) Under 20
- (2) 21-25
- (3) 26-30
- (4) 31-35
- (5) Over 35

Question S3: Which of these educational institutions are you studying at?

- (1) UiB
- (2) UNIS
- (3) NTNU
- (4) UiT
- (5) NMBU
- (6) HiT
- (7) UiO
- (8) UiA
- (9) UiN
- (10) Other institution _____

Question S4: At what level are you studying now?

- (1) One-year study or individual courses
- (2) B.Sc. (Bachelors)
- (3) M.Sc. (Masters)
- (4) Ph.D. (Doctorate)

Question S5: Have you been abroad or plan to study abroad during your studies?

- (1) Yes
- (2) No

Question S6: How important were the following reasons for your decision to study?

	1. not at all	2.	3.	4. moderately	5.	6.	7. very
A: The desire to work within a biological profession / field	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: To have enough money to buy everything I want	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: To work for the betterment of society	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
D: To be rich	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
E: To work to make the world a better place	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
F: Friends who studied biology	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
G: Interest in the subject	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S7: To what extent do you find that your institution facilitates you as a student?

Please consider your current situation

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well	6. Not relevant to me
A: Access to meeting rooms outside of lectures	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
B: Access to the canteen and / or social areas	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
C: Access to reading rooms	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
D: Access to computer labs	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well	6. Not relevant to me
E: Availability of lecturers to answer questions	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
F: Invites to organised study groups	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
G: Adequate access to laboratories outside of lectures	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>

Question S8: To what extent do you consider the biology education to ...

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well
A: Be engaging	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>
B: Be academically challenging	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>
C: Consists of topics that integrate well	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>
D: Have skilled teachers	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>

Question S9: How much do you agree with the following statements about lecturers in your courses?

	1. Strongly disagree	2. Disagree	3. Slightly disagree	4. Neutral	5. Slightly agree	6. Agree	7. Strongly agree
A: Lecturers facilitate questions /suggestions from students in teaching sessions	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Lecturers combine theory with practical	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

1. Strongly disagree 2. Disagree 3. Slightly disagree 4. Neutral 5. Slightly agree 6. Agree 7. Strongly agree

professional tasks in their teaching

C: Lecturers facilitate discussions between students in teaching sessions

(1) (2) (3) (4) (5) (6) (7)

D: Comments / suggestions from students feedback into the teaching

(1) (2) (3) (4) (5) (6) (7)

Question S10: Below are some statements that may describe your overall student experience

We would like to know more about how you experience your lecturers.

Your answers are anonymous.

1. Strongly disagree 2. 3. 4. Neutral 5. 6. 7. Strongly agree

A: I feel that my lecturers provides me with choices and opportunities

(1) (2) (3) (4) (5) (6) (7)

B: I feel understood by my lecturers

(1) (2) (3) (4) (5) (6) (7)

C: My lecturers conveys confidence in my ability to do well in the subjects

(1) (2) (3) (4) (5) (6) (7)

D: My lecturers encourage me to ask questions

(1) (2) (3) (4) (5) (6) (7)

	1. Strongly disagree	2.	3.	4. Neutral	5.	6.	7. Strongly agree
E: My lecturers listen to how I like to do things	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
F: My lecturers tries to understand how I see things before suggesting a new way to do things	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S11: During an average week, approximately how many hours do you spend on the following activities

A: Organised course-work _____

B: Self-study _____

C: Collaboration and academic discussions with other students _____

D: Paid work outside studies _____

Question S12: Are you studying full time or part time?

- (1) I am a full-time student
- (2) I am a part-time student

Question S13: To what extent do you learn from the following activities

	1. Extremely little	2. Very little	3. Quite little	4. Neutral	5. Quite well	6. Very well	7. Extremely well
A: Lecture with black /whiteboard or powerpoint	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Self-study / reading or doing exercises by myself	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Group work / group discussions	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S14: Do you usually prepare for lectures?

- (1) Yes
(2) No

Question S15: When you started studying, how easy or difficult did you find the following?

	1. Extremely difficult	2. Very difficult	3. Quite difficult	4. Neutral	5. Quite easy	6. Very easy	7. Extremely easy
A: Understanding the textbooks	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Familiarising with subject matter	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Learning good study techniques	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
D: Understanding how different courses fit together	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S16: How much effort was needed to master the following in your biology studies?

	1. Extremely little	2. Very little	3. Quite little	4. Neutral	5. Quite much	6. Very much	7. Extremely much
A: Written assignments	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Reading the curriculum	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Understanding terminology	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S17: Please comment here on the effort you felt was needed in other areas of your biology studies

Question S18: I will participate in biology courses

	1. Not at all true	2.	3.	4. Somewhat true	5.	6.	7. Very true
A: Because it is a good way to improve my understanding of biology	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Because others may think badly of me if I do not	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Because I feel proud of myself if I do well in biology	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

1. Not at all true 2. 3. 4. Somewhat true 5. 6. 7. Very true

D: Because a solid understanding of biology is important for me

(1) (2) (3) (4) (5) (6) (7)

Question S19: I am likely to follow the lecturers suggestions for studying biology

1. Not at all true 2. 3. 4. Somewhat true 5. 6. 7. Very true

A: Because I would get a bad grade if I didn't do what the lecturers suggest

(1) (2) (3) (4) (5) (6) (7)

B: Because I'm worried that I'm not going to perform well in the course

(1) (2) (3) (4) (5) (6) (7)

C: Because it is easier to follow the lecturers suggestions than come up with my own study strategies

(1) (2) (3) (4) (5) (6) (7)

D: Because I think lecturers seems to have insight about how to learn the material

(1) (2) (3) (4) (5) (6) (7)

Question S20: The reason that I will work to expand my knowledge of biology is

	1. Not at all true	2.	3.	4. Somewhat true	5.	6.	7. Very true
A: Because it is interesting to learn more about basic biology	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Because it is a challenge to really understand how to solve biological problems	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Because a good grade in biology will look good on my diploma/degree	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
D: Because I want other people to see that I'm intelligent	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S21: Below are some statements. Please tick the most appropriate with regard to your learning in biology.

	1. Not at all true	2.	3.	4. Somewhat true	5.	6.	7. Very true
A: I feel confident in my abilities to learn biology	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: I am capable of learning the material in this course	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

- | | 1. Not at all true | 2. | 3. | 4. Somewhat true | 5. | 6. | 7. Very true |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| C: I am able to achieve my goals in this course | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| D: I am able to meet challenges to perform well in this course | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |

Question S22: To what extent to you think the following feedback might be useful for your learning?

- | | 1. Extremely little | 2. Very little | 3. Quite little | 4. Neutral | 5. Quite well | 6. Very well | 7. Extremely well |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| A: Grades | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| B: Individual written feedback on assignments (few sentences) from lecturer / teaching assistant | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| C: Individual feedback from other students | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| D: General feedback to the student group from the lecturer | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| E: Conversations with lecturers / teaching assistants | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |

Question S23: How often do you collaborate with your fellow students in the following ways?

- | | 1. Never | 2. Rarely | 3. Very rarely | 4. Sometimes | 5. Often | 6. Very often | 7. Always |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| A: Discussion groups / study groups which are arranged through campus | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| B: Reading together with fellow students | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| C: Discussing the curriculum in canteen or other social room | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| D: Cooperating on academic matters on Facebook or other social websites | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| E: Providing feedback on written work to fellow students | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |

Question S24: What do you think of the following statements?

- | | 1. Strongly disagree | 2. Disagree | 3. Slightly disagree | 4. Neutral | 5. Slightly agree | 6. Agree | 7. Strongly agree |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| A: I've never plagiarized in any of my written assignments in my courses | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |
| B: Sometimes it's okay to plagiarize because of time pressures or the need to submit compulsory assignments | (1) <input type="checkbox"/> | (2) <input type="checkbox"/> | (3) <input type="checkbox"/> | (4) <input type="checkbox"/> | (5) <input type="checkbox"/> | (6) <input type="checkbox"/> | (7) <input type="checkbox"/> |

Question S25: To what extent do you feel that your efforts at studying are valued (appreciated and noticed) by the following groups

	1. Extremely little	2. Very little	3. Quite little	4. Neutral	5. Quite well	6. Very well	7. Extremely well
A: Lecturers	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Teaching assistants / technicians	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Classmates	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S26: Below are some statements. Please tick how true the statements are for you

	1. Not at all true	2.	3.	4. Neutral	5.	6.	7. Very true
A: I like the people I interact with in my biology studies	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: People in biology courses care about me	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

Question S27: To what extent do you think laboratory courses help with the learning outcomes listed below?

Please tick what best matches your opinion even if you shall not take laboratory courses this semester

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well	No experience
A: General laboratory skills, microscopy, pipetting, etc.	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well	No experience
B: Practical skills in subject-specific laboratory methods (analytical procedures and equipment used in the subject)	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
C: Understanding of the subject methods and data	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
D: Understanding of the subject theory	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
E: Ability to use knowledge in new contexts	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
F: Understanding of the subject's practical relevance and application	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>

Question S28: To what extent do you think field courses / expeditions help with the learning outcomes listed below?

Please tick what best matches your experience opinion even if you shall not take any field courses / expeditions this semester

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well	No experience
A: General field / cruise skills (biological work outdoors)	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
B: Practical skills in specific professional fields/research vessel	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>

	1. Very little	2. Little	3. Neutral	4. Well	5. Very well	No experience
methods (analytical procedures and equipment used in the subject)						
C: Understanding of the subject methods and data	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
D: Understanding of the subject theory	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
E: Ability to use knowledge in new contexts	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
F: Understanding of the subject's practical relevance and application	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>
G: Knowledge and understanding of patterns and processes in nature	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>

Question S29: To what extent do you agree that you develop the following skills through education in biology?

	1. Strongly disagree	2. Disagree	3. Slightly disagree	4. Neutral	5. Slightly agree	6. Agree	7. Strongly agree
A: Collaborative skills	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
B: Writing and reading competence (literacy)	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>
C: Quantitative competence (ability to	(1) <input type="checkbox"/>	(2) <input type="checkbox"/>	(3) <input type="checkbox"/>	(4) <input type="checkbox"/>	(5) <input type="checkbox"/>	(6) <input type="checkbox"/>	(7) <input type="checkbox"/>

1. Strongly disagree 2. Disagree 3. Slightly disagree 4. Neutral 5. Slightly agree 6. Agree 7. Strongly agree

interpret data
(numeracy)

D: Critical thinking (1) (2) (3) (4) (5) (6) (7)

Question S30: To what extent do you think practice /internship in research, the public sector and / or industry give biology students the following learning outcomes?

We are interested in knowing what you think about the following statements, regardless of whether you have experience with practice /internship.

1. Strongly disagree 2. Disagree 3. Slightly disagree 4. Neutral 5. Quite agree 6. Agree 7. Strongly agree

A: Practice provides better and more relevant understanding of theoretical knowledge.
(1) (2) (3) (4) (5) (6) (7)

B: Practice makes students better prepared to meet the labour market.
(1) (2) (3) (4) (5) (6) (7)

C: Practice will come at the expense of other important learning at the university / college
(1) (2) (3) (4) (5) (6) (7)

D: Practice provides important skills we do not have the opportunity to acquire at the university / college
(1) (2) (3) (4) (5) (6) (7)

1. Strongly disagree 2. Disagree 3. Slightly disagree 4. Neutral 5. Quite agree 6. Agree 7. Strongly agree

E: Practice makes

biology students more motivated (1) (2) (3) (4) (5) (6) (7)

Question S31: Do you have or have you had a summer job or part- time job that is / was relevant to you as a biologist?

- (1) Yes
- (2) No

Question S32: Please mention briefly what you think are the main competences you as a biologist can contribute with in the workplace

Now some questions about your school situation and future plans.

Question S33: Do you have a clear plan of how you want to make use of your education in biology?

- (1) Yes
- (2) No

Question S34: How much do you agree with the statements below?

1. Strongly disagree 2. Disagree 3. Slightly disagree 4. Neutral 5. Slightly agree 6. Agree 7. Strongly agree

A: I often consider

dropping out of my
courses

(1) (2) (3) (4) (5) (6) (7)

B: I am confident that I

will continue my
studies

(1) (2) (3) (4) (5) (6) (7)

C: I have often

considered quitting
biology

(1) (2) (3) (4) (5) (6) (7)

Question S35: How satisfied do you feel at the university /college?

- (1) 1. Extremely unsatisfied
- (2) 2. Very unsatisfied
- (3) 3. Quite unsatisfied
- (4) 4. Neutral
- (5) 5. Quite satisfied
- (6) 6. Very satisfied
- (7) 7. Extremely satisfied