

## **PART 1 – SOCIO-DEMOGRAPHIC DATA**

Q1.1 Age

*(open answer)*

Q1.2 Gender

*(choose one: male, female, other)*

Q1.3 Which county are you from?

*(choose one: Rogaland, Agder, Innlandet, Møre and Romsdal, Nordland, Oslo, Vestfold and Telemark, Troms and Finnmark, Trøndelag, Vestland, Viken)*

Q1.4 Which is your BSc study direction?

*(choose one: construction engineering (1), urban planning (2), technical planning (3) )*

**PART 2 – YOUR PERCEPTIONS ABOUT BIM BEFORE ATTENDING UNIVERSITY COURSE BYG230**

Q2.1 How would you rate your awareness of BIM?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q2.2 How would you rate your interest in BIM?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q2.3 How would you agree with this sentence: knowledge about BIM can provide better job opportunities?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q2.4 How would you rate your expectations about the university course BYG230?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Likert scale as follows for Q2.1, Q2.2, Q2.3. Q2.4

1 - extremely low

2 - very low

3 - low

4 - average

5 - high

6 - very high

7 - extremely high

**PART 3 – YOUR PERCEPTIONS ABOUT BIM AFTER ATTENDING UNIVERSITY COURSE BYG230**

Q3.1 How would you rate your awareness of BIM?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q3.2 How would you rate your interest in BIM?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q3.3 How would you agree with this sentence: knowledge about BIM can provide better job opportunities?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q3.4 How would you rate your expectations about the university course BYG230?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Likert scale as follows for Q3.1, Q3.2, Q3.3. Q3.4

1 - extremely low

2 - very low

3 - low

4 - average

5 - high

6 - very high

7 - extremely high

#### **PART 4 – ABOUT THE CONTENT OF UNIVERSITY COURSE BYG230**

Q4.1 Which software did you find most interesting?

*(choose one: Revit, Dynamo, ISY Calcus, ISY Beskrivelse, Solibri)*

Q4.2 Which software did you find least interesting?

*(choose one: Revit, Dynamo, ISY Calcus, ISY Beskrivelse, Solibri)*

Q4.3 Do you think that working with BIM software is easy?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q4.4 Do you think that working with BIM software can enhance your creativity?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q4.5 Do you desire to continue learning BIM in the future?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q4.6 Do you think that BIM needs to be taught at university?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Likert scale as follows for Q4.3, Q4.4, Q4.5. Q4.6

1 - extremely low

2 - very low

3 - low

4 - average

5 - high

6 - very high

7 - extremely high

## **PART 5 – ABOUT THE TEACHING OF UNIVERSITY COURSE BYG230**

Q5.1 Do you think that the teachers promoted critical thinking about BIM concepts?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q5.2 Do you think that the topics lectured were fully understandable?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Q5.3 What is your overall rating of the course?

*(choose one: extremely low, very low, low, average, high, very high, extremely high)*

Likert scale as follows for Q5.1, Q5.2, Q5.3

1 - extremely low

2 - very low

3 - low

4 - average

5 - high

6 - very high

7 - extremely high