



## “Comparative study between STEM and Non- STEM”

**Department of Statistics**  
**Faculty of Science**

1. What is your gender?

- ☐ Male
- ☐ Female
- ☐ Prefer not to say

2. What is your current year of study?

- ☐ First
- ☐ Second
- ☐ Third
- ☐ Fourth
- ☐ Previous
- ☐ Final

3. What is your field of study?

- ☐ STEM
- ☐ Non-STEM

4. Why did you choose your current field of study? (Select all that apply)

- ☐ Passion/Interest
- ☐ Career prospects
- ☐ Family influence
- ☐ Financial stability
- ☐ Flexibility of the field
- ☐ Other

5. What is your latest academic performance?

- ☐ More than 70%
- ☐ Between 60 and 69.99%
- ☐ Between 50 and 59.99%
- ☐ Between 40 and 49.99%

6. How do you primarily study?

- ☐ Self-study
- ☐ Group discussions
- ☐ Tutoring sessions
- ☐ Online resources

7. On average, how many hours do you spend studying per day outside classes?

- ☐ Less than 3 hours
- ☐ 3 to 5 hours
- ☐ 5 to 7 hours
- ☐ More than 7 hours

8. How do you handle academic challenges?

- ☐ Seek help from peers and professors
- ☐ Use online resources for additional learning
- ☐ Work harder independently
- ☐ Joining study groups

9. What kind of extra-curricular activities do you involve in?

- ☐ Sports and Fitness
- ☐ Arts & Creativity
- ☐ Social and Community Service
- ☐ Internship
- ☐ Other

10. How often do you involve in activities other than academics?

- ☐ Regularly
- ☐ Sometimes
- ☐ Seldom
- ☐ Never

11. What career path do you plan to pursue after your current course?

- ☐ Industry
- ☐ Research/Academia
- ☐ Entrepreneurship
- ☐ Freelancing/Independent Work
- ☐ Other (please specify)

12. What skills do you think are most critical for success in your field?

- ☐ Technical skills
- ☐ Creativity
- ☐ Problem-solving
- ☐ Communication
- ☐ Networking
- ☐ Others

13. What class of economic section do you belong to?

- ☐ Elite Class
- ☐ Upper Middle Class
- ☐ Lower Middle Class
- ☐ Below Lower Middle

14. Are you pursuing your current field as your first choice?

- ☐ Yes
- ☐ No

15. In your opinion, how well does your field prepare you for the current job market?

- ☐ Very poorly
- ☐ Poorly
- ☐ Neutral
- ☐ Well
- ☐ Very well

16. For the below question, provide number between 1 to 5 with respect to your field. ( 1- Very unsatisfied, 2- Unsatisfied, 3- Neutral, 4- Satisfied, 5- Very Satisfied)

With choice of your field of study	Real world application of your field of study

17. What are the main strengths of your field of study? (Select all that apply)

- ☐ High earning potential
- ☐ Flexibility and creativity
- ☐ Contribution to society
- ☐ Job security
- ☐ Personal growth
- ☐ Others

18. What are the biggest challenges of your field of study? (Select all that apply)

- ☐ Heavy workload
- ☐ Limited job prospects
- ☐ High competition
- ☐ Lack of recognition
- ☐ Others

19. What do you think is the biggest opportunity for growth in your field?

- ☐ Technological advancements
- ☐ Interdisciplinary applications
- ☐ Demand in the job market
- ☐ Others

20. What do you think is the biggest threat to your field?

- ☐ Job automation
- ☐ Market saturation
- ☐ Economic downturns
- ☐ Lack of funding or resources
- ☐ Others

21. Would you consider switching fields in the future?

- ☐ Yes
- ☐ No

22. Would you recommend your field of study to others?

- ☐ Yes
- ☐ No
- ☐ Maybe

Objectives:

1. To investigate the motivating factors and reasons behind choosing STEM and Non-STEM courses
2. To compare the academic performance and the study pattern of STEM and Non-STEM students
3. To perform SWOT Analysis of STEM and Non-STEM fields