



المادة : تحليل احصائي  
الفرقة : الثالثة - رياضيات

الفصل الدراسي الثاني  
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جامعة كفر الشيخ  
كلية التربية  
قسم الرياضيات

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## **Suggested research topics**

- 1- Sampling and types of samples**
- 2- Sampling Distributions**
- 3- t-Distribution**
- 4- Confidence intervals for population mean in case of large random samples**
- 5- Confidence intervals for population mean in case of small random samples**
- 6- Confidence intervals for population proportion**
- 7- Hypothesis testing for population mean in case of large random samples**
- 8- Hypothesis testing for population mean in case of small random samples**
- 9- Hypothesis testing for population proportion**
- 10- Chi Square test**