

AUEP

Beautiful Mind

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“Beautiful mind” is a 3-week, 5-hour, research-based neuroscience enrichment program at Al Faisal university. The program offers an overview of basic neuroscience, brain anatomy and development, scientific research, and many more interesting topics.

During the first week, the students were taught all about laboratory safety and techniques to prepare them for the future lab sessions throughout the three-week program. The students were also introduced to the basic anatomy and physiology of the nervous system, and the effects of certain drugs on brain function. They were also introduced to the basics of scientific research and problem-based learning via interactive lectures and assessments.

By the end of the second week, students will have learnt about neurological diseases, such as, dementia, Alzheimer’s disease, addiction, depression, and other mental disorders. At that point, the students will have also started working on their end-of-program project with the help of their respective instructors. This helps them improve their presentation, and research skills, as well as communication, critical thinking, and team building.

Then comes the third and final week of the program where students are familiarized with drug testing and ethical research, the basics of drug discovery and clinical trials, and how to perform proper data analysis and interpretation. During this time, students also present their project topic, participate in scientific debates, and perform multiple laboratory experiments.

All in all, this program is an excellent opportunity for students who want to learn all about the vast world of neuroscience and research. It also offers them an incredible opportunity to excel in many important skills that they can then benefit from in the outside world. Throughout this course, students will be able to build friendships with their colleagues and fulfill their curiosity with the help of their amazing instructors.