

Bachelor of Science in Computer Science



Overview

All our courses are based on a continuous assessment system where every week, you will be engaging in class and online discussions, writing papers and doing presentations alongside your course projects.

120
CREDITS

4 YEARS DURATION

LEARN MORE

Discover your passion with a range of options in core CS, IT, software engineering, data science, and more. Find the program that aligns with your interests and career goals and take the first step towards a successful future.

Software and Web App Development

Software and web applications have become an integral part of nearly every industry. The software and web application development concentration prepares students to become skilled software developers and web professionals through rigorous coursework in systems analysis and design, modern web-based application development, secure programming and emerging trends in software development. Students are also introduced to modern development methodologies that support rapid and continuous deployment, including DevOps, as well as the fundamentals of artificial intelligence. Graduates leave with a strong foundation in computer science and the technical expertise needed to design, develop and implement successful software projects in both national and international markets.

Data Science

Data science combines the scientific method, mathematics and statistics, specialized programming, advanced analytics, artificial intelligence and storytelling to uncover meaningful business insights hidden within data. Students in the data science concentration work extensively with large datasets, transforming raw information into actionable insights and compelling visualizations.

The program allows students to explore advanced areas such as predictive analytics and artificial intelligence, including machine learning and deep learning models. In addition to foundational coursework, students complete advanced mathematics and statistics courses that strengthen their understanding of modern techniques and underlying theory. Upon completion, graduates are prepared for roles such as data engineer, machine learning engineer and data analyst, or to pursue advanced graduate study in data science and related fields.

Artificial Intelligence (AI)

The concentration in artificial intelligence (AI) equips students with the skills and knowledge needed to thrive in this rapidly evolving field. The program includes five specialized courses beyond the core computer science curriculum, allowing students to explore advanced topics such as machine learning, data engineering, natural language processing and computer vision. Upon completion, students develop a comprehensive skill set in artificial intelligence and related technologies, positioning them for promising careers across a variety of industries. Graduates are prepared to contribute at the forefront of innovation and problem-solving in the evolving AI landscape.



Life at King's

Our Students

Empowering Minds, Inspiring Futures: Unleash Your Potential at King's College Nepal, where academic excellence meets transformative experiences, shaping tomorrow's leaders with a global perspective.

Learning Outcomes

- Evaluate current and emerging technologies.
- Identify and gather user requirements to design user-friendly interfaces.
- Apply, configure, and manage computer science technologies.
- Utilize data to help businesses gain insights to help them make better decisions.
- Access computer science impact on individuals, organizations, and the environment.
- Apply computer science concepts and strategies to solve real-world problems.
- Conduct research in the field of computer science and related fields.

Don't miss your chance to unlock your potential - apply now to King's College Nepal and discover endless opportunities for growth and success in your chosen field!

CLICK HERE FOR FULL PROGRAM INFORMATION