STRUKTUR KURIKULUM

Total
144 SKS

Mata Kuliah Peminatan *Data Science*
Social Media Mining • Mobile Computing • Data Engineering • Web Mining • Data Privacy, Ethics, and Policy • Emerging Technology

S 01 Applied Mathematics • Information Systems Concept • Algorithm & Programming Language • Accounting Principles

S 02 *Database Design • ERP Systems • Application Development • Business Data Communication*

S 03 Database Implementation • Statistics for Business • System Analysis & Design • Supply Chain Information Systems

S 04 Data Warehousing • Data Science • Web Design & Development • Cloud Computing

S 05 E-Business • Data Mining • Information Systems Security and Government • Business Intelligence

S 06 *Decision Support System • Software Quality Assurance • Big Data Processing • Research Methodology*

S 07 *Internship: Character Development • Internship: Professional Development*

S 08 *Final Project Information Systems Credential Program*

KESAN ALUMNI

At BCA, I can feel firsthand that just being able to code is not enough for fresh graduates to compete in the job market in the Information Technology field. Understanding ethics, business processes, and user-centric development are needed to produce market-fit solutions. Unfortunately, these things are hard (if not impossible) to learn on our own from scratch, we need proper education, the right environment, and continuous practice so that we are fluent in both technical logic and business logic. Studying Information Systems for Business major at Ciputra University is a valuable provision that has helped a lot in my career. Not only learning technical things like programming but here I was also taught to understand the business processes of a company. Learning at Ciputra University is not only theoretical but also practical. I was given some projects that helped me understand the material being taught. The learning environment at ISB is also very supportive, the aspirations and creativity of students are always well-accommodated and well-supported.

Priscilla Vanny Amelia
IT Trainee at BCA
(PT Bank Central Asia Tbk)

ISB Class of 2018

QR CODE

Scan me for

MORE ABOUT ISB

bit.ly/uc-isb

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UNIVERSITAS CIPUTRA
CREATING WORLD CLASS **ENTREPRENEURS**

This is my Dream about...

DATA SCIENCE
INFORMATION SYSTEM FOR BUSINESS

Developer Academy

ISB

TENTANG INFORMATION SYSTEM FOR BUSINESS - DATA SCIENCE

Menghasilkan lulusan yang memiliki kemampuan Sistem Informasi khususnya untuk Sains Data pada domain analisis bisnis dan siap menjawab kebutuhan revolusi industri 4.0 maupun society 5.0. Selama menjalani masa studi mahasiswa akan menempuh materi perkuliahan yang membentuk kompetensi sains data seperti big data processing, data science, data mining, dan business intelligence yang sesuai dengan standar industri dan bekerjasama dengan perusahaan IT berskala global sekaligus belajar kurikulum yang di adopsi dari program Intel® Digital Readiness Program. Pada tahun pertama dan kedua, mahasiswa akan mempelajari kompetensi dasar sistem informasi dan pengantar data science. Pada tahun ketiga dan keempat mahasiswa diberi kesempatan untuk mengambil mata kuliah elective dan menempuh Internship di area data science. Setelah menyelesaikan masa studinya lulusan akan memiliki kompetensi di bidang analisis bisnis untuk menjadi Data Scientist, Machine Learning Engineer, Business Data Analyst, Business Intelligence Analyst.
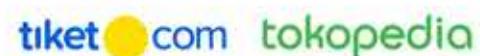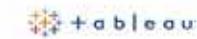
PROSPEK LULUSAN

- Data Scientist
- Machine Learning Engineer
- Business Data Analyst
- Business Intelligence Analyst

FASILITAS

- High-Performance Computing untuk perkuliahan perkuliahan terkait dengan Big Data Processig dan Data Science for Business
- Studio komputer untuk kegiatan praktikum
- Mini theater untuk kuliah tamu dari Industri
- Student lounge
- Lisensi perangkat lunak dari Microsoft 365
- Penggunaan perangkat lunak yang sesuai dengan standar industry seperti Amazon Academy, Navicat, Jupyter Notebook, dan Tableau

KEUNGGULAN PROGRAM STUDI

- Pembelajaran yang melibatkan praktisi dari dunia industri dan kerjasama yang erat dengan penyedia dan pengguna data science pada domain analisis bisnis
- Kesempatan student exchange dengan universitas luar negeri di Korea Selatan, Malaysia, Australia, dan United Kingdom
- Berinteraksi dengan pakar dan praktisi level nasional maupun internasional yang menjadi dosen tamu di kegiatan perkuliahan
- Kesempatan mengikuti Apple Developer Academy @ UC dan mendapatkan materi pembelajaran beserta fasilitas penunjang
- Kesempatan internship di perusahaan terkemuka di Indonesia seperti Bank Central Asia (BCA), Tiket.com, Tokopedia, PT. Telkom Indonesia, dan berbagai program kampus merdeka

LEMBAGA KERJASAMA

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DAYEH UNIVERSITY

Microsoft Imagine Academy

aws educate

tableau

tiket.com

tokopedia

accurate

SAP University Alliances

SAP

SWINBURNE SWINBURNE UNIVERSITY OF TECHNOLOGY

Coventry University

METRODATA ACADEMY

GELAR
Sarjana Komputer (S.Kom.)