



*Where Theory meets
Practical Training*

SIIMT

BSC IN INFORMATION SECURITY

Top Rated

4.8



INTERNATIONAL PARTNERS



ACCREDITED BY



GTEC



CTVET

AFFILIATED TO



UCC



+233 57 080 1631



siimtuni.edu.gh



info@siimtuni.edu.gh

INDEX

- **ABOUT US**

Page | 01

- **WHY CHOOSE US**

Page | 02

- **COURSE DETAILS**

Page | 03

- **REQUIREMENTS**

Page | 04

- **COURSE STRUCTURE**

Page | 06

- **JOB OPPORTUNITIES**

Page | 10

- **CONTACT DETAILS**

Page | 11



ABOUT US

SIIMT University College (Shiv India Institute of Management & Technology) is an Indian-based institution in Ghana, renowned for delivering top-notch IT and business education. Established in 2013 in Labone, Accra, SIIMT relocated in 2018 to its modern campus near the Nima Police Station, at the foot of the Nima-Kanda overpass and established a new branch at Spintex Rd.

We are fully accredited by the Ghana Tertiary Education Commission (GTEC) to run undergraduate programs in affiliation with the University of Cape Coast, and also registered with CTVET since 2013 to offer practical, industry-driven technical and vocational courses.

In partnership with IndoSoftwares & InfraSecurities, global tech solutions leaders, SIIMT bridges academia and industry by providing students with hands-on experience in software development, data analytics, cybersecurity, cloud computing, networking, digital marketing and more.

Whether you're pursuing a diploma, degree, or short course, SIIMT equips you with the skills and mindset needed to thrive in today's digital world.

ACCREDITED BY



GTEC



CTVET

AFFILIATED TO



UCC

INTERNATIONAL PARTNERS



INDOSOFTWARES
SOLUTIONS LIMITED



INFRA
SECURITIES

WHY CHOOSE US

80 %

Hands-on Practical

20 %

Theory

HANDS-ON LEARNING

Immerse yourself in practical training at SIIMT University College's Data Analytics program.



TAUGHT BY INDIAN EXPERTS

Our passionate instructors are industry veterans, ready to share their wisdom and guide you to success.



FOUNDATION FROM SCRATCH

Don't worry about prior knowledge! We start from scratch, ensuring everyone can excel in our dynamic learning environment.



CUTTING-EDGE SYLLABUS

Our curriculum is a step ahead, incorporating the latest technologies, trends, and global job market requirements.



PROVEN SUCCESS STORIES

Witness exceptional testimonials and alumni boasting high salaries. Graduates from SIIMT are making waves in their careers with coveted job opportunities.



DELIGHTED, SATISFIED STUDENTS!

Our success stories speak for themselves. Graduates from SIIMT are shining in their careers with lucrative job opportunities.



UNDERGRADUATE PROGRAMME

Bachelor of Science in Information Security

*Awarded by: University of Cape
Coast (UCC)*



ADMISSION DEADLINE

ADMISSION FOR SESSION 1

- **Open** - First Week of November
- **Closes** - Last Week of March

ADMISSION FOR SESSION 2

- **Admission** - First Week of May
- **Admission** - Last Week of August

DURATION

- **4 Years** - 8 Semesters
- **Intensive practical hands-on**

Registration Fee

- **GHC 200** - Ghanaians
- **GHC 600** - Non Ghanaians

Tuition Fees

- **GHC 4,000** - Ghanaians
- **GHC 9,500** - Non Ghanaians

Other Mandatory Fees

Ghanaians & Non Ghanaians

- **GHC 500**

Batches

- **Weekday** - Regular
- **Weekend** - Saturday / Sunday

ELIGIBILITY

Any of the following

- **WASSCE**
- **SSSCE**
- **GBCE**
- **HND | Academic Diploma**
- **MATURE** - Above 25 Years
- **GCE**
- **Baccalaureate**
- **Undergraduates**
- **Graduates**

Note:

Applicants presenting transcripts from non-Ghanaian institutions are required to have them evaluated and authenticated by the Ghana Tertiary Education Commission (GTEC) as part of the admission process.

ADMISSION REQUIREMENTS FOR **BSC INFORMATION SECURITY**

Category A: Senior High School (SHS) Certificate Holders

Applicants must meet the following criteria:

- Applicants must have six (6) credit passes (A-D or better), including three (3) core subjects: English Language, Mathematics, Social Studies and Integrated Science, and three (3) electives relevant to the program.
- WASSCE applicants must have six (6) credit passes (A1-C6 or better) in: English Language, Mathematics, Integrated Science or Social Studies, and three (3) elective subjects.

WASSCE	SSSCE	Equivalent
A1	A	1
B2	B	2
B3	C	3
C4 / C5 / C6	D	4
D7 & E8	E	5
F9	F	Fail

Category B: Mature Applicants

Applicants must meet the following criteria:

- Be at least 25 years old by 1st February or 1st September of the academic year of admission.
- Hold one of the following:
 - Teacher's Certificate 'A'
 - SHS Certificate or a Professional Training Certificate from a recognized institution
 - CTVET Certificate or City & Guilds Certificate
 - Have credit passes in Core Mathematics and English Language, or
 - Pass the Mature Students Entrance Examination (covering English and Mathematics) and an admission interview.
- Mature enrolment should not exceed 25% of the total student intake

Category C: Advanced Business Certificate Examination (ABCE) Holders

- *Must have passes in three (3) subjects, with at least one pass being Grade C or better.*
- *Additionally, must hold five (5) credit passes in English Language, Mathematics, and Integrated Science/Social Studies in the General Business Certificate Examination (GBCE).*

Category D: Diploma Holders

- *Recognized Diplomas or Certificates (e.g., RSA III, ABCE, etc.)*
- *Foundation stages of professional qualifications such as ACCA, ICA, or CIMA*
- *HND holders who may qualify for top-up programs and can be placed in Level 300 after evaluation.*

Category E: School Certificate / GCE Holders

- *Five (5) credits at GCE 'O' Level, including English Language and Mathematics, and two (2) 'A' Level passes in relevant subjects other than General Paper.*
- *Applicants with 'A' Level results older than five (5) years must apply as Mature Applicants.*

Category F: International Qualifications (IGCSE / IB)

- *Holders of IGCSE or IB must possess at least Grades A/A-C* in English, Mathematics, and Biology at the Standard ('O' Level / SL) level.*
- *In addition, applicants must have three (3) Higher Level (HL) or A-Level subjects with grades A-C (IB2 A-C) in relevant disciplines.*

Category G: Transfer Students from other recognized institutions

- *Applicants who have completed Level 100 in IT, Computer Science, Information Science, or a related discipline may enter Level 200.*
- *Applicants who have completed Level 200 in similar programs may enter Level 300.*
- *All transfer students must meet the minimum entry requirements specified under Categories A-E.*

COURSE STRUCTURE

Bachelor of Science in Information Security

Awarded by: University of Cape Coast (UCC)

Duration: 4 Years (8 Semesters)

LEVEL 100.1

Code	Course Title	Credits
UWC101	Communication Skills I	3
UWF101	Foreign Language (French)	3
BIS101	Introduction to Computing	3
BIT103	Basics of Accounting	3
BIT105	African Studies	3
BIT107	Calculus I	3
Total		18

LEVEL 100.2

Code	Course Title	Credits
UWC102	Communication Skills II	3
BIT102	Logic and Critical Thinking	3
BIT104	Fundamentals of Programming	3
BIT106	Basic Digital Electronics	3
BIS102	Fundamentals of Information Security	3
BIT108	Calculus II	3
Total		18

COURSE STRUCTURE

Bachelor of Science in Information Security

Awarded by: University of Cape Coast (UCC)

Duration: 4 Years (8 Semesters)

LEVEL 200.1

Code	Course Title	Credits
BIT201	Computer Organization & Architecture	3
BIT203	Object-Oriented Programming with C++	3
BIS201	Data Communication	3
BIS203	Managing Risk in Information Systems	3
BIT209	Database Concepts & Technologies	3
BIT211	Linear Algebra	3
Total		18

LEVEL 200.2

Code	Course Title	Credits
BIS202	Internet Protocols & Security Technologies	3
BIT204	Object-Oriented Programming with Java	3
BIT206	Operating System Concepts	3
BIS204	Statistical Computing	3
BIS206	Computer Networks	3
BIT212	Database Management Systems	3
Total		18

COURSE STRUCTURE

Bachelor of Science in Information Security

Awarded by: University of Cape Coast (UCC)

Duration: 4 Years (8 Semesters)

LEVEL 300.1

Code	Course Title	Credits
BIT303	Software Engineering	3
BIS301	Security Policies & Implementation	3
BIS303	Access Control & Penetration Testing	2
BIS305	Web-Based Concepts & Technologies (Client-Side Scripting)	3
BIS307	Distributed Networks & Security	3
BIT405	IT Entrepreneurship	3
BIT304	Human-Computer Interaction	2
Total		19

LEVEL 300.2

Code	Course Title	Credits
BIS302	System Administration & Security	3
BIT304	Introduction to Artificial Intelligence	2
BIS304	Mobile Application Development	3
BIS306	Operating System Security	3
BIT310	Research Methods in Computing	3
BIT209	Principles of Management	2
BIS308	Web Programming (Server-Side Scripting)	3
Total		19

COURSE STRUCTURE

Bachelor of Science in Information Security

Awarded by: University of Cape Coast (UCC)

Duration: 4 Years (8 Semesters)

LEVEL 400.1

Code	Course Title	Credits
BIS401	Application Security	3
BIS403	Security Tools, Technologies & Incident Handling	3
BIS405	Attachment & Industrial Experience	3
BIS407	System Forensics, Investigation & Response (Elective)	3
BIS409	Security Testing (Elective)	3
BIS411	Cyber Warfare (Elective)	3
BIS413	Project I (Proposal & Written Work)	3
Total	Note: <u>Student must choose two(2) of the given Electives</u>	18

LEVEL 400.2

Code	Course Title	Credits
BIS402	Digital Forensics	3
BIT402	Ethical & Legal Issues in Computing	2
BIS404	Emerging Technologies in IT	2
BIS406	Cloud Architecture & Security	3
BIS408	Data Warehousing & Data Mining	3
BIS410	Cryptography & Steganography	3
BIS412	Project II (Implementation & Defense)	3
Total	Note: <u>Student must choose two(2) of the given Electives</u>	16

JOB OPPORTUNITIES

Security Analyst

- **Job Role:** Monitor and protect organizational information systems.
- **Job Description:** Detects, investigates, and responds to security breaches, implementing preventive measures to safeguard data and infrastructure.
- **Average Salary:** GHS 6,000 – 12,000/month

Network Security Engineer

- **Job Role:** Design and secure computer networks.
- **Job Description:** Implements firewalls, VPNs, and intrusion detection systems to defend against cyber threats and network attacks.
- **Average Salary:** GHS 7,000 – 14,000/month

Penetration Tester (Ethical Hacker)

- **Job Role:** Test and identify vulnerabilities in systems.
- **Job Description:** Conducts authorized simulated cyberattacks to uncover weaknesses and recommends corrective measures.
- **Average Salary:** GHS 8,000 – 16,000/month

Security Consultant

- **Job Role:** Advise organizations on cybersecurity strategy.
- **Job Description:** Assesses security risks, designs policies, and guides companies in improving their security posture.
- **Average Salary:** GHS 8,000 – 15,000/month

Incident Responder

- **Job Role:** Investigate and mitigate cyber incidents.
- **Job Description:** Responds to security breaches, performs forensic analysis, and implements strategies to prevent recurrence.
- **Average Salary:** GHS 7,000 – 13,000/month

Security Software Developer

- **Job Role:** Develop secure software and tools.
- **Job Description:** Builds applications and scripts designed to detect, prevent, and resolve security vulnerabilities.
- **Average Salary:** GHS 7,000 – 14,000/month

Security Compliance Analyst

- **Job Role:** Ensure adherence to security standards and laws.
- **Job Description:** Conducts audits and ensures compliance with ISO, GDPR, and other cybersecurity frameworks.
- **Average Salary:** GHS 6,000 – 11,000/month

Security Operations Center (SOC) Analyst

- **Job Role:** Monitor real-time security events.
- **Job Description:** Analyzes security alerts, investigates potential threats, and coordinates response actions in a 24/7 SOC environment.
- **Average Salary:** GHS 6,000 – 12,000/month

and more



Contact Us



- Nima Kanda Overhead,
Asylum Down, Accra Ghana
- 18 Junction Spintex Rd,
Opposite KFC, Accra,
Ghana



+233 - 057 080 1631
+233 - 057 644 4457
+233 - 057 644 4450
+233 - 057 644 4451
+233 - 057 644 4458



info@siimtuni.edu.gh
marketing@siimtuni.edu.gh



www.siimtuni.edu.gh