

Introduction by Course

○ **master's and doctorate program**

- - GSIS is an official graduate course that trains high-level information security expert.

GSIS provides specialized courses that deal with cryptography, personal information protection, industry security etc., practically approaching cyber attack and defense.

Field of study is as follows ;

■ Education and Research Areas

- **S**oftware, Malware Content Security
 - Software Security
 - Malware Defenses
 - Contents Security
- **T**heory & Math For Security
 - Cryptography
 - Information Security Theory
 - FinTech, Blockchain
- **A**ttack Analysis
 - Zero-day vulnerability analysis
 - Penetration tests on IoT devices
- **N**etwork System Security
 - Web Security
 - Network Security, SDN
 - Mobile Security
 - Cloud Security
- **S**ystem Security Platform Security
 - Kernel Security, Trustware
 - System Vulnerabilities Defenses
 - Architecture Security