

Cryptography

- What is cryptography?
- Related fields:
 - Cryptography (“**secret writing**”): Making secret messages
 - Turning **plaintext** (an ordinary readable message) into **ciphertext** (secret messages that are “hard” to read)
 - Cryptanalysis: Breaking secret messages
 - Recovering the plaintext from the ciphertext
- Cryptology is the science that studies these both
- The point of cryptography is to send secure messages over an insecure medium (like the Internet)