# Blockchain

Distributed, transparent, secure, and public, blockchain technology can be used not only to create cryptocurrencies like Bitcoin but also applications for healthcare, business, identity verification, supply chain, and art. Learn how to develop smart contracts and decentralized applications on the blockchain and create new use cases for this cutting-edge technology as it evolves.

<table>
<thead>
<tr>
<th>units required for minor:</th>
<th>units required for specialization:</th>
<th>minor code:</th>
<th>department:</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>8</td>
<td>BLOC</td>
<td>ITP</td>
</tr>
</tbody>
</table>

## Skills
- Cryptocurrency
- Smart contracts
- Ethereum
- Solidity
- Feasibility analysis
- Business models

## Careers
- Blockchain engineer
- Blockchain designer
- Project manager
- Business analyst
- Consultant

## Minor requirements

**Core requirements (16 units):**
- ITP-256 “Blockchain” (4 units)
- ITP-356 “Blockchain: Decentralized Applications” (4 units) [prerequisite: ITP-256]
- ITP-366 “Blockchain: Advances and Use Cases” (4 units) [prerequisite: ITP-256]
- ITP-456 “Blockchain: Capstone” (4 units) [prerequisites: ITP-356 and ITP-366]

## Specialization requirements

**Core requirement (4 units):**
- ITP-256 “Blockchain” (4 units)

**Complete one of the following (4 units):**
- ITP-356 “Blockchain: Decentralized Applications” (4 units) [prerequisite: ITP-256]
- ITP-366 “Blockchain: Advances and Use Cases” (4 units) [prerequisite: ITP-256]

## Policies
- All minors at USC need **16 units** that only meet minor requirements and do not meet any other major, minor, or GE requirement.
- All courses completed for your minor or specialization must be completed for a **letter grade**.
- You must earn a **2.0 minimum** cumulative GPA in the courses completed for your minor or specialization.

---

Email: itpadvising@usc.edu  |  Website: itp.usc.edu  |  Schedule appointment

Updated: 06/18/19
Make sure you consult with your major advisor about how best to incorporate the requirements for your minor with your major and general education requirements. You must complete a pre-advisement course plan before scheduling an appointment with a minor advisor.