

**2 What are the subjects in the first semester of the second year of the Bachelor of Science in Computer Science program for the 2022-2025 academic year?**

- The subjects in the first semester are:
  1. **ICT 104** - Intermediate Programming (3 units) [Pre-requisite: ICT 103]
  2. **ICT 113** - Networks and Communications (3 units)
  3. **GE ELEC 7** - Gender and Society (3 units)
  4. **MATH 12** - Introduction to Calculus (3 units) [Pre-requisite: ICT 105]
  5. **MATH 110** - Advanced Statistics (3 units) [Pre-requisite: ICT 105]
  6. **GE 7 SCI** - Science, Technology, and Society (3 units)
  7. **PE 3 (PATHFit 1)** - Choice of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities (2 units)
- **Total Units: 20**

**2 What are the subjects in the second semester of the second year of the Bachelor of Science in Computer Science program for the 2022-2025 academic year?**

- The subjects in the second semester are:
  1. **ICT 110** - Application Development and Emerging Technologies (3 units) [Pre-requisite: ICT 104]
  2. **ICT 111** - Object Oriented Programming (3 units) [Pre-requisite: ICT 104]
  3. **ICT 112** - Operating Systems (3 units) [Pre-requisite: None, Co-requisite: ICT 107]
  4. **ICT 114** - Software Engineering 1 (3 units) [Co-requisite: ICT 104]
  5. **TRACK 1** - Track 1 (3 units)
  6. **ICT 107** - Data Structures and Algorithms (3 units) [Pre-requisite: ICT 104]
  7. **GE ELEC 1** - Environmental Science (3 units)
  8. **PE 4 (PATHFit 4)** - Choice of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities (2 units) [Pre-requisite: PE 2]
- **Total Units: 23**