1. What are the subjects in the first semester of the Bachelor of Science in Computer Science

program for the 2022-2025 academic year?

• BSCS Courses:

1. ICT 102 - Introduction to Computing (3 units)

2. CS 1 - Programming Logic Formulation (3 units)

3. GE 1 SS - Understanding the Self (3 units)

4. GE 4 MATH - Mathematics in the Modern World (3 units)

5. GE 5 ENG - Purposive Communication (3 units)

6. GE 8 SS - Ethics (3 units)

7. GE ELEC 10 - Philippine Popular Culture (3 units)

8. NSTP 1 - ROTC 1/LTS 1/CWTS 1 (3 units)

9. PE 1 (PATHFit 1) - Movement Competency Training or MCT (2 units)

2. What are the subjects in the second semester of the Bachelor of Science in Computer

Science program for the 2022-2025 academic year?

• BSCS Courses:

1. ICT 103 - Fundamentals of Programming (3 units) [Pre-requisite: CS 1]

2. ICT 105 - Discrete Structure 1 (3 units) [Pre-requisite: CS 1]

3. ICT 106 - System Fundamentals (3 units) [Pre-requisite: ICT 102]

4. GE 2 SS - Readings in Philippine History (3 units)

5. ENG 3 - Technical Writing with Oral Communication (3 units)

6. GE 3 SS - The Contemporary World (3 units)

7. PE 2 (PATHFit 2) - Exercise-Based Fitness Activities (2 units)

8. NSTP 2 - ROTC 2/LTS 2/CWTS 2 (3 units) [Pre-requisite: NSTP 1]

1. 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?

• BSCS Courses:

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

1. 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?

• BSCS Courses:

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

1. What are the subjects in the first semester of the third year of the Bachelor of Science in

Computer Science program for the 2022-2025 academic year?

• BSCS Courses:

1. ICT 108 - Information Assurance and Security (3 units) [Pre-requisite: ICT 104]

2. ICT 115 - Programming Languages (3 units) [Pre-requisite: ICT 107]

3. ICT 109 - Information Management (3 units) [Pre-requisite: ICT 107]

4. ICT 117 - Discrete Structure 2 (3 units) [Pre-requisite: ICT 105]

5. ICT 118 - Architecture and Organization (3 units) [Pre-requisite: ICT 102]

6. Free Elective - Free Elective (3 units)

7. TRACK 2 - Track 2 (3 units)

8. GE 6 SS - Art Appreciation (3 units)

9. ICT 122 - Algorithms and Complexity (3 units) [Pre-requisite: ICT 107]

• Total Units: 27

1. What are the subjects in the second semester of the third year of the Bachelor of Science in

Computer Science program for the 2022-2025 academic year?

• BSCS Courses:

1. ICT 116 - Human Computer Interaction (3 units)

2. TRACK 3 - Track 3 (3 units)

3. TRACK 4 - Track 4 (3 units)

4. ICT 119 - Parallel and Distributed Computing (3 units) [Pre-requisite: ICT 118]

5. ICT 120 - Intelligent Systems (3 units) [Pre-requisite: ICT 107]

6. ICT 121 - Software Engineering 2 (3 units) [Pre-requisite: ICT 114]

7. CS 7 - Computer Science Thesis 1 (3 units) [Pre-requisite: ICT 114, ICT 122]

• Total Units: 21

1. What are the subjects in the first semester of the fourth year of the Bachelor of Science in

Computer Science program for the 2022-2025 academic year?

• BSCS Courses:

1. ICT 123 - Web Information Systems (3 units) [Pre-requisite: ICT 103]

2. ICT 136 - Social Issues and Professional Practice 1 (3 units) [Pre-requisite: ICT 102]

3. Free Elective - Free Elective (3 units)

4. Free Elective - Free Elective (3 units)

5. TRACK 5 - Track 5 (3 units)

6. CS 8 - Computer Science Thesis 2 (3 units) [Pre-requisite: CS 7]

7. ICT 124 - Automata Theory and Formal Languages (3 units) [Pre-requisite: ICT 117]

• Total Units: 21

1. What are the subjects in the second semester of the fourth year of the Bachelor of Science

in Computer Science program for the 2022-2025 academic year?

• BSCS Courses:

1. ICT 125 - Student Internship Program (6 units) [Pre-requisite: 4th Year Standing

(Refer to SIP Manual)]

2. RIZAL - Life and Works of Rizal (3 units)

• Total Units: 9

1. What are the courses in the Business Analytics Track for the Bachelor of Science in

Computer Science program (2022-2025)?

• The courses are:

1. IT 120 - Fundamentals of Business Analytics (3 units)

2. IT 121 - Fundamentals of Enterprise Data Management (3 units) [Pre-requisite: IT

120]

3. IT 122 - Fundamentals of Analytics Modeling (3 units) [Pre-requisite: IT 121]

4. IT 123 - Analytics Techniques and Tools (3 units) [Pre-requisite: IT 122]

5. IT 124 - Analytics Application (3 units) [Pre-requisite: IT 123]

2. What are the courses in the Service Management for Business Process Outsourcing Track

for the Bachelor of Science in Computer Science program (2022-2025)?

• The courses are:

1. ENG 2 - Business Communications (3 units) [Pre-requisite: GE 5 ENG]

2. IS 121 - Service Culture (3 units) [Pre-requisite: ENG 2]

3. IS 122 - Fundamentals of Business Processes Outsourcing 101 (3 units) [Pre-

requisite: IS 121]

4. IS 123 - Principles of Systems Thinking (3 units)

5. IS 124 - Fundamentals of Business Processes Outsourcing 102 (3 units) [Pre-

requisite: IS 122]

3. What are the courses in the Animation Track for the Bachelor of Science in Computer

Science program (2022-2025)?

• The courses are:

1. ANIM 101 - Fundamentals of Animation (3 units) [Pre-requisite: ICT 102]

2. ANIM 102 - Fundamentals of Digital 2D Animation (3 units) [Pre-requisite: ANIM 101]

3. ANIM 103 - Advance Digital 2D Animation (3 units) [Pre-requisite: ANIM 102]

4. ANIM 104 - Introduction to 3D Animation (3 units) [Pre-requisite: ANIM 103]

5. ANIM 105 - Animation Project (3 units) [Pre-requisite: ANIM 104]

4. What are the courses in the Data Science Track for the Bachelor of Science in Computer

Science program (2022-2025)?

• The courses are:

1. CS 101 - Data Science Tools and R Programming (3 units)