



## **PROGRAM STRUCTURE**

### **Bachelor of Computer Applications**

**Duration: 3 Years**

**Batch: 2026–2029**

**School of Computer Science Engineering and Technology,  
Bennett University**

## Year 1 – Semester 1

[illegible]

## Year 1 – Semester 2

[illegible]

## Year 2 – Semester 3

[illegible]

## Year 2 – Semester 4

[illegible]

### Year 3 – Semester 5

[illegible]

### Year 3 – Semester 6

[illegible]

**GE/MDC Electives (Additional courses offered by other Schools of BU will also be included)**

[illegible]

## LIST OF ELECTIVE & SPECIALISATION COURSES

| Specialization: Artificial Intelligence |      |                                                      |   |   |   |    |
|-----------------------------------------|------|------------------------------------------------------|---|---|---|----|
| Specialization Core                     |      |                                                      |   |   |   |    |
| S.No.                                   | Code | Title                                                | L | T | P | Cr |
| 1.                                      |      | Statistical Machine Learning                         | 3 | 0 | 2 | 4  |
| 2.                                      |      | Intelligent Model Design using AI                    | 3 | 0 | 2 | 4  |
| Specialization Electives                |      |                                                      |   |   |   |    |
| S.No.                                   | Code | Title                                                | L | T | P | Cr |
| 1                                       |      | Advanced Computer Vision and Video Analytics         | 2 | 0 | 2 | 3  |
| 2                                       |      | Cognitive Modelling                                  | 2 | 0 | 2 | 3  |
| 3                                       |      | AI in Healthcare                                     | 2 | 0 | 2 | 3  |
| 4                                       |      | Image and Video Processing                           | 2 | 0 | 2 | 3  |
| 5                                       |      | Information Retrieval and Search Engine              | 2 | 0 | 2 | 3  |
| 6                                       |      | Natural Language Processing                          | 2 | 0 | 2 | 3  |
| 7                                       |      | Probability and Random Processes                     | 2 | 0 | 2 | 3  |
| 8                                       |      | Reinforcement Learning                               | 2 | 0 | 2 | 3  |
| 9                                       |      | Social Network Analysis                              | 2 | 0 | 2 | 3  |
| 10                                      |      | Special Topics in Artificial Intelligence            | 2 | 0 | 2 | 3  |
| Specialization: Blockchain              |      |                                                      |   |   |   |    |
| Specialization Core                     |      |                                                      |   |   |   |    |
| S.No.                                   | Code | Title                                                | L | T | P | Cr |
| 1.                                      |      | Blockchain Foundations                               | 3 | 0 | 2 | 4  |
| 2.                                      |      | Blockchain Engineering                               | 3 | 0 | 2 | 4  |
| Specialization Electives                |      |                                                      |   |   |   |    |
| S.No.                                   | Code | Title                                                | L | T | P | Cr |
| 1                                       |      | Blockchain Technologies: Platforms & Applications    | 2 | 0 | 2 | 3  |
| 2                                       |      | Smart Contracts and Solidity Programming             | 2 | 0 | 2 | 3  |
| 3                                       |      | Digital Currencies and Blockchain                    | 2 | 0 | 2 | 3  |
| 4                                       |      | Blockchain Policy: Legal, Social and Economic Impact | 2 | 0 | 2 | 3  |
| 5                                       |      | Cyber Security with Blockchain                       | 2 | 0 | 2 | 3  |
| 6                                       |      | Web Development for Blockchain Applications          | 2 | 0 | 2 | 3  |
| 7                                       |      | Security and Privacy for Big Data Analytics          | 2 | 0 | 2 | 3  |
| 8                                       |      | Modern Cryptography                                  | 2 | 0 | 2 | 3  |
| 9                                       |      | Cloud Infrastructure and Services                    | 2 | 0 | 2 | 3  |
| 10                                      |      | Special Topics in Blockchain                         | 2 | 0 | 2 | 3  |

| Specialization: Cloud Computing |      |                                                   |   |   |   |    |
|---------------------------------|------|---------------------------------------------------|---|---|---|----|
| Specialization Core             |      |                                                   |   |   |   |    |
| S.No.                           | Code | Title                                             | L | T | P | Cr |
| 1.                              |      | Cloud Computing                                   | 3 | 0 | 2 | 4  |
| 2.                              |      | Design of Cloud Architectural Solutions           | 3 | 0 | 2 | 4  |
| Specialization Electives        |      |                                                   |   |   |   |    |
| S.No.                           | Code | Title                                             | L | T | P | Cr |
| 1                               |      | Cloud Services Development and Operations         | 2 | 0 | 2 | 3  |
| 2                               |      | Cloud System Administration and Operations        | 2 | 0 | 2 | 3  |
| 3                               |      | Cloud Security and Compliances                    | 2 | 0 | 2 | 3  |
| 4                               |      | AWS Cloud Support Associate                       | 2 | 0 | 2 | 3  |
| 5                               |      | Developing Solutions for Microsoft Azure          | 2 | 0 | 2 | 3  |
| 6                               |      | Google Associate Cloud Engineer                   | 2 | 0 | 2 | 3  |
| 7                               |      | Cloud Infrastructure and Services                 | 2 | 0 | 2 | 3  |
| 8                               |      | Software Containerization in DevOps               | 2 | 0 | 2 | 3  |
| 9                               |      | Special Topics in Cloud Computing                 | 2 | 0 | 2 | 3  |
| Specialization: Cyber Security  |      |                                                   |   |   |   |    |
| Specialization Core             |      |                                                   |   |   |   |    |
| S.No.                           | Code | Title                                             | L | T | P | Cr |
| 1.                              |      | Linux and Shell Programming                       | 2 | 0 | 4 | 4  |
| 2.                              |      | System and Network Security                       | 3 | 0 | 2 | 4  |
| Specialization Electives        |      |                                                   |   |   |   |    |
| S.No.                           | Code | Title                                             | L | T | P | Cr |
| 1                               |      | Cyber Security with Blockchain                    | 2 | 0 | 2 | 3  |
| 2                               |      | Malware Analysis for Mobile Devices               | 2 | 0 | 2 | 3  |
| 3                               |      | Security and Privacy for Big Data Analytics       | 2 | 0 | 2 | 3  |
| 4                               |      | Device Level IoT Security                         | 2 | 0 | 2 | 3  |
| 5                               |      | Vulnerability Analysis in Network Protocols       | 2 | 0 | 2 | 3  |
| 6                               |      | Modern Cryptography                               | 2 | 0 | 2 | 3  |
| 7                               |      | Penetration Testing, Auditing and Ethical Hacking | 2 | 0 | 2 | 3  |
| 8                               |      | Forensics and Cyber Law                           | 2 | 0 | 2 | 3  |
| 9                               |      | Web Security                                      | 2 | 0 | 2 | 3  |
| 10                              |      | Special Topics in Information Security            | 2 | 0 | 2 | 3  |
| 11                              |      | Cloud Security and Compliances                    | 2 | 0 | 2 | 3  |
| Specialization: Data Science    |      |                                                   |   |   |   |    |
| Specialization Core             |      |                                                   |   |   |   |    |
| S.No.                           | Code | Title                                             | L | T | P | Cr |
| 1.                              |      | Data Analysis using Python                        | 2 | 0 | 4 | 4  |
| 2.                              |      | Data Mining and Predictive Modelling              | 3 | 0 | 2 | 4  |
| Specialization Electives        |      |                                                   |   |   |   |    |
| S.No.                           | Code | Title                                             | L | T | P | Cr |
| 1                               |      | Digital Marketing and Trend Analysis              | 2 | 0 | 2 | 3  |
| 2                               |      | Structural Equation Modelling                     | 2 | 0 | 2 | 3  |
| 3                               |      | Time Series Analysis                              | 2 | 0 | 2 | 3  |
| 4                               |      | Data Visualization and Dashboards                 | 2 | 0 | 2 | 3  |
| 5                               |      | Social Network Analysis                           | 2 | 0 | 2 | 3  |
| 6                               |      | Big Data Analytics and Business Intelligence      | 2 | 0 | 2 | 3  |
| 7                               |      | Advanced Database Management System               | 2 | 0 | 2 | 3  |
| 8                               |      | Satellite Data Analysis                           | 2 | 0 | 2 | 3  |
| 9                               |      | Security and Privacy for Big Data Analytics       | 2 | 0 | 2 | 3  |
| 10                              |      | Special Topics in Data Science                    | 2 | 0 | 2 | 3  |

| Specialization: DevOps     |      |                                                            |   |   |   |    |
|----------------------------|------|------------------------------------------------------------|---|---|---|----|
| Specialization Core        |      |                                                            |   |   |   |    |
| S.No.                      | Code | Title                                                      | L | T | P | Cr |
| 1.                         |      | Software Development with DevOps                           | 3 | 0 | 2 | 4  |
| 2.                         |      | DevOps Practices and Principles                            | 3 | 0 | 2 | 4  |
| Specialization Electives   |      |                                                            |   |   |   |    |
| S.No.                      | Code | Title                                                      | L | T | P | Cr |
| 1                          |      | Build and Release Management in DevOps                     | 2 | 0 | 2 | 3  |
| 2                          |      | Continuous Integration and Deployment in DevOps            | 2 | 0 | 2 | 3  |
| 3                          |      | Software Craftsmanship in DevOps                           | 2 | 0 | 2 | 3  |
| 4                          |      | Software Containerization in DevOps                        | 2 | 0 | 2 | 3  |
| 5                          |      | System Provisioning and Configuration Management in DevOps | 2 | 0 | 2 | 3  |
| 6                          |      | Test Automation in DevOps                                  | 2 | 0 | 2 | 3  |
| 7                          |      | Source and Version Control in DevOps                       | 2 | 0 | 2 | 3  |
| 8                          |      | Cloud Services Development and Operations                  | 2 | 0 | 2 | 3  |
| 9                          |      | Cloud Infrastructure and Services                          | 2 | 0 | 2 | 3  |
| 10                         |      | Special Topics in DevOps                                   | 2 | 0 | 2 | 3  |
| Specialization: Drones     |      |                                                            |   |   |   |    |
| Specialization Core        |      |                                                            |   |   |   |    |
| S.No.                      | Code | Title                                                      | L | T | P | Cr |
| 1.                         |      | Unmanned Aerial Vehicles                                   | 2 | 0 | 4 | 4  |
| 2.                         |      | Drone Remote Sensing                                       | 2 | 0 | 4 | 4  |
| Specialization Electives   |      |                                                            |   |   |   |    |
| S.No.                      | Code | Title                                                      | L | T | P | Cr |
| 1                          |      | Auto Pilot and Flight Control                              | 2 | 0 | 2 | 3  |
| 2                          |      | Drone Communication                                        | 2 | 0 | 2 | 3  |
| 3                          |      | UAV Mission Planning and Deployments                       | 2 | 0 | 2 | 3  |
| 4                          |      | UAV Simulation                                             | 2 | 0 | 2 | 3  |
| 5                          |      | Drone Swarming                                             | 2 | 0 | 2 | 3  |
| 6                          |      | Drone Applications, Components and Assembly                | 2 | 0 | 2 | 3  |
| 7                          |      | Special Topics in Drone Technology                         | 2 | 0 | 2 | 3  |
| Specialization: Full Stack |      |                                                            |   |   |   |    |
| Specialization Core        |      |                                                            |   |   |   |    |
| S.No.                      | Code | Title                                                      | L | T | P | Cr |
| 1.                         |      | Full Stack Development                                     | 2 | 0 | 4 | 4  |
| 2.                         |      | Programming Methodologies for Backend Development          | 2 | 0 | 4 | 4  |
| Specialization Electives   |      |                                                            |   |   |   |    |
| S.No.                      | Code | Title                                                      | L | T | P | Cr |
| 1                          |      | Front-End UI Frameworks and Tools: Flutter and Django      | 1 | 0 | 4 | 3  |
| 2                          |      | Front-End Web UI Frameworks and Tools: React Native        | 1 | 0 | 4 | 3  |
| 3                          |      | Front-End Web UI Frameworks and Tools: Bootstrap           | 2 | 0 | 2 | 3  |
| 4                          |      | Server-Side Development Frameworks: Express and Spring     | 2 | 0 | 2 | 3  |
| 5                          |      | Web Development for Blockchain Applications                | 2 | 0 | 2 | 3  |
| 6                          |      | Cloud Infrastructure and Services                          | 2 | 0 | 2 | 3  |
| 7                          |      | Advanced Database Management System                        | 2 | 0 | 2 | 3  |
| 8                          |      | Special Topics in Full Stack                               | 2 | 0 | 2 | 3  |

| Specialization: Gaming   |      |                                                        |   |   |   |    |
|--------------------------|------|--------------------------------------------------------|---|---|---|----|
| Specialization Core      |      |                                                        |   |   |   |    |
| S.No.                    | Code | Title                                                  | L | T | P | Cr |
| 1.                       |      | Graphics and Visual Computing                          | 3 | 0 | 2 | 4  |
| 2.                       |      | Game Engine and Architecture                           | 3 | 0 | 2 | 4  |
| Specialization Electives |      |                                                        |   |   |   |    |
| S.No.                    | Code | Title                                                  | L | T | P | Cr |
| 1                        |      | VR Gaming                                              | 2 | 0 | 2 | 3  |
| 2                        |      | Augmented Reality                                      | 2 | 0 | 2 | 3  |
| 3                        |      | Game Mechanics and Game Physics                        | 2 | 0 | 2 | 3  |
| 4                        |      | Game Programming with HTML5                            | 2 | 0 | 2 | 3  |
| 5                        |      | AI for Games                                           | 2 | 0 | 2 | 3  |
| 6                        |      | Animation and Rendering Techniques                     | 2 | 0 | 2 | 3  |
| 7                        |      | Pixel and Poly Arts for Games                          | 2 | 0 | 2 | 3  |
| 8                        |      | Game Design, Development and Programming               | 2 | 0 | 2 | 3  |
| 9                        |      | Special Topics in Gaming                               | 2 | 0 | 2 | 3  |
| Specialization: UI/UX    |      |                                                        |   |   |   |    |
| Specialization Core      |      |                                                        |   |   |   |    |
| S.No.                    | Code | Title                                                  | L | T | P | Cr |
| 1.                       |      | UX Design Foundations                                  | 3 | 0 | 2 | 4  |
| 2.                       |      | UI/UX Design for Human Computer Interface              | 3 | 0 | 2 | 4  |
| Specialization Electives |      |                                                        |   |   |   |    |
| S.No.                    | Code | Title                                                  | L | T | P | Cr |
| 1                        |      | User Centered Design                                   | 2 | 0 | 2 | 3  |
| 2                        |      | Strategic UI/UX Design: From Concept to Market Success | 2 | 0 | 2 | 3  |
| 3                        |      | UX Research and Data Analytics Topics                  | 2 | 0 | 2 | 3  |
| 4                        |      | UI/UX Design Testing and Evaluation                    | 2 | 0 | 2 | 3  |
| 5                        |      | Product Management for UX Designers                    | 2 | 0 | 2 | 3  |
| 6                        |      | Special Topics in Full Stack                           | 2 | 0 | 2 | 3  |
| 7                        |      | Build and Release Management in DevOps                 | 2 | 0 | 2 | 3  |
| 8                        |      | Source and Version Control in DevOps                   | 2 | 0 | 2 | 3  |
| 9                        |      | Continuous Integration and Deployment in DevOps        | 2 | 0 | 2 | 3  |
| BCA - Non-Specialization |      |                                                        |   |   |   |    |
| Specialization Core      |      |                                                        |   |   |   |    |
| S.No.                    | Code | Title                                                  | L | T | P | Cr |
| 1.                       |      | UI / UX Design                                         | 2 | 0 | 4 | 4  |
| 2.                       |      | Introduction to Cloud Computing                        | 3 | 0 | 2 | 4  |

| General Electives |      |                                                      |   |   |   |    |
|-------------------|------|------------------------------------------------------|---|---|---|----|
| S.No.             | Code | Title                                                | L | T | P | Cr |
| 1                 |      | Image and Video Processing                           | 2 | 0 | 2 | 3  |
| 2                 |      | User Centered Design                                 | 2 | 0 | 2 | 3  |
| 3                 |      | Secure Coding                                        | 2 | 0 | 2 | 3  |
| 4                 |      | Compiler Construction                                | 2 | 0 | 2 | 3  |
| 5                 |      | Software Project Management                          | 2 | 0 | 2 | 3  |
| 6                 |      | Soft Computing                                       | 2 | 0 | 2 | 3  |
| 7                 |      | Distributed Computing                                | 2 | 0 | 2 | 3  |
| 8                 |      | Agile Software Development                           | 2 | 0 | 2 | 3  |
| 9                 |      | Virtual Reality: Interface, Application and Design   | 2 | 0 | 2 | 3  |
| 10                |      | Cloud Infrastructure and Services                    | 2 | 0 | 2 | 3  |
| 11                |      | Combinatorics                                        | 2 | 0 | 2 | 3  |
| 12                |      | Mobile and Networked Embedded Systems                | 2 | 0 | 2 | 3  |
| 13                |      | Problem Solving using C                              | 2 | 0 | 2 | 3  |
| 14                |      | Programming using C++                                | 2 | 0 | 2 | 3  |
| 15                |      | Deep Learning                                        | 2 | 0 | 2 | 3  |
| 16                |      | Bioinformatics and Computational Genomics            | 2 | 0 | 2 | 3  |
| 17                |      | Special Topics in CS                                 | 2 | 0 | 2 | 3  |
| 18                |      | Advanced Microprocessor                              | 2 | 0 | 2 | 3  |
| 19                |      | Satellite Data Analysis                              | 2 | 0 | 2 | 3  |
| 20                |      | IoT: Security and Attacks                            | 2 | 0 | 2 | 3  |
| 21                |      | Natural Language Processing                          | 2 | 0 | 2 | 3  |
| 24                |      | Advanced Computer Vision and Video Analytics         | 2 | 0 | 2 | 3  |
| 25                |      | Cognitive Modelling                                  | 2 | 0 | 2 | 3  |
| 26                |      | AI in Healthcare                                     | 2 | 0 | 2 | 3  |
| 27                |      | Information Retrieval and Search Engine              | 2 | 0 | 2 | 3  |
| 28                |      | Probability and Random Processes                     | 2 | 0 | 2 | 3  |
| 29                |      | Reinforcement Learning                               | 2 | 0 | 2 | 3  |
| 30                |      | Social Network Analysis                              | 2 | 0 | 2 | 3  |
| 31                |      | Special Topics in Artificial Intelligence            | 2 | 0 | 2 | 3  |
| 32                |      | Blockchain Technologies: Platforms & Applications    | 2 | 0 | 2 | 3  |
| 33                |      | Smart Contracts and Solidity Programming             | 2 | 0 | 2 | 3  |
| 34                |      | Digital Currencies and Blockchain                    | 2 | 0 | 2 | 3  |
| 35                |      | Blockchain Policy: Legal, Social and Economic Impact | 2 | 0 | 2 | 3  |
| 36                |      | Cyber Security with Blockchain                       | 2 | 0 | 2 | 3  |
| 37                |      | Web Development for Blockchain Applications          | 2 | 0 | 2 | 3  |
| 38                |      | Security and Privacy for Big Data Analytics          | 2 | 0 | 2 | 3  |
| 39                |      | Modern Cryptography                                  | 2 | 0 | 2 | 3  |
| 40                |      | Special Topics in Blockchain                         | 2 | 0 | 2 | 3  |
| 41                |      | Cloud Services Development and Operations            | 2 | 0 | 2 | 3  |
| 42                |      | Cloud System Administration and Operations           | 2 | 0 | 2 | 3  |
| 43                |      | Cloud Security and Compliances                       | 2 | 0 | 2 | 3  |
| 44                |      | AWS Cloud Support Associate                          | 2 | 0 | 2 | 3  |
| 45                |      | Developing Solutions for Microsoft Azure             | 2 | 0 | 2 | 3  |
| 46                |      | Google Associate Cloud Engineer                      | 2 | 0 | 2 | 3  |
| 47                |      | Software Containerization in DevOps                  | 2 | 0 | 2 | 3  |
| 48                |      | Special Topics in Cloud Computing                    | 2 | 0 | 2 | 3  |
| 49                |      | Malware Analysis for Mobile Devices                  | 2 | 0 | 2 | 3  |
| 50                |      | Device Level IoT Security                            | 2 | 0 | 2 | 3  |
| 51                |      | Vulnerability Analysis in Network Protocols          | 2 | 0 | 2 | 3  |
| 52                |      | Penetration Testing, Auditing and Ethical Hacking    | 2 | 0 | 2 | 3  |
| 53                |      | Forensics and Cyber Law                              | 2 | 0 | 2 | 3  |
| 54                |      | Web Security                                         | 2 | 0 | 2 | 3  |
| 55                |      | Special Topics in Information Security               | 2 | 0 | 2 | 3  |
| 56                |      | Digital Marketing and Trend Analysis                 | 2 | 0 | 2 | 3  |

|     |  |                                                            |   |   |   |   |
|-----|--|------------------------------------------------------------|---|---|---|---|
| 57  |  | Structural Equation Modelling                              | 2 | 0 | 2 | 3 |
| 58  |  | Time Series Analysis                                       | 2 | 0 | 2 | 3 |
| 59  |  | Data Visualization and Dashboards                          | 2 | 0 | 2 | 3 |
| 60  |  | Big Data Analytics and Business Intelligence               | 2 | 0 | 2 | 3 |
| 61  |  | Advanced Database Management System                        | 2 | 0 | 2 | 3 |
| 62  |  | Special Topics in Data Science                             | 2 | 0 | 2 | 3 |
| 63  |  | Build and Release Management in DevOps                     | 2 | 0 | 2 | 3 |
| 64  |  | Continuous Integration and Deployment in DevOps            | 2 | 0 | 2 | 3 |
| 65  |  | Software Craftsmanship in DevOps                           | 2 | 0 | 2 | 3 |
| 66  |  | System Provisioning and Configuration Management in DevOps | 2 | 0 | 2 | 3 |
| 67  |  | Test Automation in DevOps                                  | 2 | 0 | 2 | 3 |
| 68  |  | Source and Version Control in DevOps                       | 2 | 0 | 2 | 3 |
| 69  |  | Special Topics in DevOps                                   | 2 | 0 | 2 | 3 |
| 70  |  | Auto Pilot and Flight Control                              | 2 | 0 | 2 | 3 |
| 71  |  | Drone Communication                                        | 2 | 0 | 2 | 3 |
| 72  |  | UAV Mission Planning and Deployments                       | 2 | 0 | 2 | 3 |
| 73  |  | UAV Simulation                                             | 2 | 0 | 2 | 3 |
| 74  |  | Drone Swarming                                             | 2 | 0 | 2 | 3 |
| 75  |  | Drone Applications, Components and Assembly                | 2 | 0 | 2 | 3 |
| 76  |  | Special Topics in Drone Technology                         | 2 | 0 | 2 | 3 |
| 77  |  | Front-End UI Frameworks and Tools: Flutter and Django      | 1 | 0 | 4 | 3 |
| 78  |  | Front-End Web UI Frameworks and Tools: React Native        | 1 | 0 | 4 | 3 |
| 79  |  | Front-End Web UI Frameworks and Tools: Bootstrap           | 2 | 0 | 2 | 3 |
| 80  |  | Server-Side Development Frameworks: Express and Spring     | 2 | 0 | 2 | 3 |
| 81  |  | Special Topics in Full Stack                               | 2 | 0 | 2 | 3 |
| 82  |  | VR Gaming                                                  | 2 | 0 | 2 | 3 |
| 83  |  | Augmented Reality                                          | 2 | 0 | 2 | 3 |
| 84  |  | Game Mechanics and Game Physics                            | 2 | 0 | 2 | 3 |
| 85  |  | Game Programming with HTML5                                | 2 | 0 | 2 | 3 |
| 86  |  | AI for Games                                               | 2 | 0 | 2 | 3 |
| 87  |  | Animation and Rendering Techniques                         | 2 | 0 | 2 | 3 |
| 88  |  | Pixel and Poly Arts for Games                              | 2 | 0 | 2 | 3 |
| 89  |  | Game Design, Development and Programming                   | 2 | 0 | 2 | 3 |
| 90  |  | Special Topics in Gaming                                   | 2 | 0 | 2 | 3 |
| 91  |  | Android Application using Kotlin                           | 2 | 0 | 2 | 3 |
| 92  |  | Modern and Contemporary Application in CS                  | 2 | 0 | 2 | 3 |
| 93  |  | Latest Advances in Engineering and Technology              | 2 | 0 | 2 | 3 |
| 94  |  | Emerging Topics in Artificial Intelligence                 | 2 | 0 | 2 | 3 |
| 95  |  | Emerging Topics in Blockchain                              | 2 | 0 | 2 | 3 |
| 96  |  | Emerging Topics in Cloud Computing                         | 2 | 0 | 2 | 3 |
| 97  |  | Emerging Topics in Cyber Security                          | 2 | 0 | 2 | 3 |
| 98  |  | Emerging Topics in Data Science                            | 2 | 0 | 2 | 3 |
| 99  |  | Emerging Topics in DevOps                                  | 2 | 0 | 2 | 3 |
| 100 |  | Emerging Topics in Drones                                  | 2 | 0 | 2 | 3 |
| 101 |  | Emerging Topics in Full Stack                              | 2 | 0 | 2 | 3 |
| 102 |  | Emerging Topics in Gaming                                  | 2 | 0 | 2 | 3 |
| 103 |  | Emerging Topics in Mobile Technologies                     | 2 | 0 | 2 | 3 |