

## **1. ACT - DATA ENGINEERING TRACK**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

Semester Code	Description	Units
1st	GEC 001	Understanding the Self 3
1st	CoC 5101	Introduction to Computing 3
1st	CoC 5102	Fundamentals of Programming 3
1st	PfC 5201	Professional Issues in Computing 3
1st	PfC 5202	Logic Formulation and Design 3
1st	PATHFit 1	Movement Competency Training 2
1st	NSTP1-CWTS Civic Welfare Training Service 1	3
<b>Total</b>		<b>20</b>

Semester Code	Description	Units
2nd	GEC 004	Mathematics in the Modern World 3
2nd	GEC 005	Purposive Communication 3
2nd	SpC 5301	Data Management Fundamentals 3
2nd	SpC 5302	Database Management Systems 3
2nd	SpC 5201	Human Computer Interaction 3
2nd	CoC 5103	Intermediate Programming 3
2nd	PATHFit 2	Exercise-based Fitness Activities 2
2nd	NSTP2-CWTS Civic Welfare Training Service 2	3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEC 007 Science, Technology and Society	3
1st	GEC 009 The Life and Works of Rizal	3
1st	CoC 5104 Data Structures and Algorithms	3
1st	CoC 5105 Information Management 1	3
1st	SpC 5303 Database Programming	3
1st	SpC 5304 Exploratory Data Analysis and Visualization	3
1st	SpC 5305 Fundamentals of Data Engineering	3
1st	PATHFit 3 Sports	2
<b>Total</b>		<b>23</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PfC 5203 Internship (min 320 hrs)	6
2nd	SpC 5306 Introduction to Cloud and Big Data	3
2nd	PATHFit 4 Dance	2
<b>Total</b>		<b>11</b>

## **2. BACHELOR OF ELEMENTARY EDUCATION**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEC 001 Understanding the Self	3
1st	GEC 002 Readings in the Philippine History	3
1st	GEE 001 Gender and Society	3
1st	PES 3101 The Child & Adolescent Learners and Learning Principles	3
1st	PATHFit 1 Movement Competency Training	2
1st	NSTP1-LTS Literacy Training Service 1	3
1st	GEE 002-LITE Living in the IT Era	3
1st	Mac 3109 Good Manners & Right Conduct (Edukasyon sa Pagpapakatao) 3	
<b>Total</b>		<b>23</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	GEC 003 The Contemporary World	3
2nd	GEC 004 Mathematics in the Modern World	3
2nd	GEC 005 Purposive Communication	3
2nd	PES 3102 Foundations of Special & Inclusive Education	3
2nd	Mac 3101 Teaching Science in the Primary Grades (Biology & Chemistry) 3	
2nd	PATHFit 2 Exercise-based Fitness Activities	2
2nd	NSTP2-LTS Literacy Training Service 2	3
2nd	GEE 004 Philippine Popular Culture	3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester Code	Description	Units
1st	GEC 006 Art Appreciation	3
1st	GEC 007 Science, Technology and Society	3
1st	Mac 3102 Teaching Science in the Intermediate Grades (Physics, Earth & Space Science)	3
1st	Mac 3103 Teaching Math in the Primary Grades	3
1st	Mac 3104 Teaching Social Studies in the Primary Grades (Philippine History & Government)	3
1st	Mac 3105 Pagtuturo ng Filipino sa Elementarya, Part 1 (Estruktura at Gamit ng Wikang Filipino)	3
1st	PATHFit 3 Sports	2
1st	PES 3103 The Teaching Profession	3
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd	GEC 008 Ethics	3
2nd	GEC 009 The Life and Works of Rizal	3
2nd	Mac 3106 Teaching Math in the Intermediate Grades	3
2nd	Mac 3107 Teaching Social Studies in the Intermediate Grades (Culture & Geography)	3
2nd	Mac 3108 Edukasyong Pantahanan at Pangkabuhayan	3
2nd	PES 3104 The Teacher and School Curriculum	3
2nd	PES 3105 The Teacher & the Community, School Culture and Organizational Leadership	3
2nd	PATHFit 4 Dance	2
<b>Total</b>		<b>23</b>

**THIRD YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	Mac 3110 Content & Pedagogy for the Mother Tongue	3
1st	Mac 3111 Teaching English in the Elementary Grades (Language Arts)	3
1st	Mac 3112 Teaching English in the Elementary Grades through Literature	3
1st	Mac 3113 Teaching Music in the Elementary Grades	3
1st	PES 3106 Facilitating Learner-Centered Teaching	3
1st	PES 3107 Technology for Teaching & Learning, Part 1	3
1st	PES 3108 Assessment of Learning, Part 1	3
1st	GEE 005 Teaching Multi-Grade Classes	3
<b>Total</b>		<b>24</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	Mac 3114 Technology for Teaching & Learning, Part 2	3
2nd	Mac 3115 Teaching Arts in the Elementary Grades	3
2nd	Mac 3116 Teaching PE & Health in the Elementary Grades	3
2nd	Mac 3117 Pagtuturo ng Filipino sa Elementarya, Part II (Panitikan ng Pilipinas)	3
2nd	Mac 3119 Research in Education	3
2nd	Mac 3118 Edukasyong Pantahanan at Pangkabuhayan with Entrepreneurship	3
2nd	PES 3109 Assessment of Learning, Part 2	3
2nd	PES 3110 Building and Enhancing New Literacies Across the Curriculum	3
<b>Total</b>		<b>24</b>

**FOURTH YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	PES 3111 Observation of Teaching-Learning in Actual School Environment 3	
1st	PES 3112 Participation and Teaching Assistantship	3
<b>Total</b>		<b>6</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PES 3113 Teaching Internship (Off Campus)	6
2nd	Enrichment Class: Professional Education/General Education 6	
<b>Total</b>		<b>12</b>

### **3. ACT - APPLICATIONS DEVELOPMENT TRACK**

*(Effective SY 2023-2024)*

#### **FIRST YEAR**

Semester Code	Description	Units
1st	GEC 001	Understanding the Self 3
1st	CoC 5101	Introduction to Computing 3
1st	CoC 5102	Fundamentals of Programming 3
1st	PfC 5201	Professional Issues in Computing 3
1st	PfC 5202	Logic Formulation and Design 3
1st	PATHFit 1	Movement Competency Training 2
1st	NSTP1-CWTS Civic Welfare Training Service 1	3
<b>Total</b>		<b>20</b>

Semester Code	Description	Units
2nd	GEC 004	Mathematics in the Modern World 3
2nd	GEC 005	Purposive Communication 3
2nd	SpC 5201	Human Computer Interaction 3
2nd	SpC 5202	Object-oriented Programming 3
2nd	SpC 5203	Web Development 1 3
2nd	CoC 5103	Intermediate Programming 3
2nd	PATHFit 2	Exercise-based Fitness Activities 2
2nd	NSTP2-CWTS Civic Welfare Training Service 2	3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester	Code	Description	Units
1st	GEC 007	Science, Technology and Society	3
1st	GEC 009	The Life and Works of Rizal	3
1st	CoC 5104	Data Structures and Algorithms	3
1st	CoC 5105	Information Management 1	3
1st	SpC 5204	Web Development 2	3
1st	SpC 5205	Mobile Application Development 3	
1st	PATHFit 3	Sports	2
<b>Total</b>			<b>20</b>

Semester	Code	Description	Units
2nd	PfC 5203	Internship (min 320 hrs)	6
2nd	SpC 5206	Applications Development and Emerging Technologies 3	
2nd	PATHFit 4	Dance	2
<b>Total</b>			<b>11</b>

#### **4. ACT - DATA ENGINEERING TRACK (2022-2023 Version)**

*(Older version – for comparison)*

##### **FIRST YEAR**

Semester Code	Description	Units
1st	GEC 001 Understanding the Self	3
1st	CoC 5101 Introduction to Computing	3
1st	CoC 5102 Fundamentals of Programming	3
1st	PfC 5201 Professional Issues in Computing	3
1st	PfC 5202 Logic Formulation and Design	3
1st	PE1 Self Testing Activities	2
1st	NSTP1 National Service Training Program 1 - CWTS 3	
<b>Total</b>		<b>20</b>

Semester Code	Description	Units
2nd	GEC 004 Mathematics in the Modern World	3
2nd	GEC 005 Purposive Communication	3
2nd	SpC 5301 Data Management Fundamentals	3
2nd	SpC 5302 Database Management Systems	3
2nd	SpC 5303 Database Programming	3
2nd	CoC 5103 Intermediate Programming	3
2nd	PE2 Folk Dancing	2
2nd	NSTP2 National Service Training Program 2 - CWTS 3	
<b>Total</b>		<b>23</b>

**SECOND YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEC 007 Science, Technology and Society	3
1st	GEC 009 The Life and Works of Rizal	3
1st	CoC 5104 Data Structures and Algorithms	3
1st	SpC 5304 Exploratory Data Analysis and Visualization	3
1st	SpC 5305 Fundamentals of Data Engineering	3
1st	PE3 Sports and Games	2
1st	CoC 5105 Information Management 1	3
<b>Total</b>		<b>20</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PfC 5203 Internship (min 320 hrs)	6
2nd	SpC 5306 Introduction to Cloud and Big Data	3
2nd	PE4 Recreational Activities	2
<b>Total</b>		<b>11</b>

## **5. ACT - NETWORKING TRACK**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEC 001	Understanding the Self 3
1st	CoC 5101	Introduction to Computing 3
1st	CoC 5102	Fundamentals of Programming 3
1st	PfC 5201	Professional Issues in Computing 3
1st	PfC 5202	Logic Formulation and Design 3
1st	PATHFit 1	Movement Competency Training 2
1st	NSTP1-CWTS Civic Welfare Training Service 1	3
<b>Total</b>		<b>20</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2 <sup>nd</sup>	GEC 004	Mathematics in the Modern World 3
2 <sup>nd</sup>	GEC 005	Purposive Communication 3
2 <sup>nd</sup>	SpC 5401	Platform Technologies 3
2 <sup>nd</sup>	SpC 5402	Data Communications and Networking 1 3
2 <sup>nd</sup>	SpC 5403	Systems Administration 3
2 <sup>nd</sup>	CoC 5103	Intermediate Programming 3
2 <sup>nd</sup>	PATHFit 2	Exercise-based Fitness Activities 2
2 <sup>nd</sup>	NSTP2-CWTS Civic Welfare Training Service 2	3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEC 007 Science, Technology and Society	3
1st	GEC 009 The Life and Works of Rizal	3
1st	CoC 5104 Data Structures and Algorithms	3
1st	CoC 5105 Information Management 1	3
1st	SpC 5404 Data Communications and Networking 2	3
1st	SpC 5405 Network Administration	3
1st	PATHFit 3 Sports	2
<b>Total</b>		<b>20</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PfC 5203 Internship (min 320 hrs)	6
2nd	SpC 5406 Network Security	3
2nd	PATHFit 4 Dance	2
<b>Total</b>		<b>11</b>

**1. BS IN BUSINESS ADMINISTRATION (FINANCIAL MANAGEMENT)***(Effective SY 2023-2024)***FIRST YEAR**

Semester Code	Description	Units
1st GEC 001	Understanding the Self	3
1st GEC 002	Readings in the Philippine History	3
1st GEC 003	The Contemporary World	3
1st BAC 1001	Basic Microeconomics	3
1st BAC 1002	Fundamentals of Accounting	3
1st BAC 1003	Integrated Application Software Productivity Tools	3
1st PATHFit 1	Movement Competency Training	2
1st NSTP1-CWTS National Service Training Program 1 - CWTS		3
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd GEC 004	Mathematics in the Modern World	3
2nd GEC 005	Purposive Communication	3
2nd BAC 1004	Principles of Management	3
2nd BAC 1005	Business Law (Obligation and Contracts)	3
2nd BAC 1006	Taxation in the IT Era	3
2nd BAC 1007	Good Governance and Social Responsibility	3
2nd PATHFit 2	Exercise-based Fitness Activities	2
2nd NSTP2-CWTS National Service Training Program 2 - CWTS		3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester	Code	Description	Units
1st	GEC 006	Art Appreciation	3
1st	GEC 007	Science, Technology and Society	3
1st	GEC 008	Ethics	3
1st	BAC 1009	Principles of Marketing	3
1st	BAC 1010	Financial Management	3
1st	BAC 1011	Human Resource Management	3
1st	PATHFit 3	Sports	2
<b>Total</b>			<b>20</b>

Semester	Code	Description	Units
2nd	GEC 009	The Life and Works of Rizal	3
2nd	GEE 005-EM	Entrepreneurial Mind	3
2nd	PfC 1203	Banking and Financial Institutions	3
2nd	PfC 1202	Investment Management	3
2nd	PfC 1201	Credit and Collection	3
2nd	PfC 1204	Personal Finance	3
<b>Total</b>			<b>18</b>

**THIRD YEAR**

Semester Code	Description	Units
1st	BAC 1002 Business Statistics	3
1st	BAC 1007 Operations Management (TQM)	3
1st	BAC 1012 Capital Markets	3
1st	PfC 1205 Franchising	3
1st	PfC 1206 Microfinance	3
1st	PfC 1207 Logistics and Supply Chain Management	3
1st	PfC 1208 Productivity and Quality Tools	3
<b>Total</b>		<b>21</b>

Semester Code	Description	Units
2nd	PfC 1210 Practicum / Work Integrated Learning	6
<b>Total</b>		<b>6</b>

**FOURTH YEAR**

Semester Code	Description	Units
1st	PfC 1101 Managerial Accounting	3
1st	PfC 1104 Cooperative Management	3
1st	PfC 1105 Venture Capital	3
1st	PfC 1106 Risk Management	3
1st	PfC 1109 Operations Research	3
<b>Total</b>		<b>15</b>

## **2. BACHELOR OF SECONDARY EDUCATION (ENGLISH)**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEC 001 Understanding the Self	3
1st	GEC 002 Readings in the Philippine History	3
1st	GEE 001 Gender and Society	3
1st	Mac 4101 Introduction to Linguistics	3
1st	Mac 4102 Language, Culture & Society	3
1st	PES 3101 The Child & Adolescent Learners and Learning Principles	3
1st	NSTP1-LTS Literacy Training Service 1	3
1st	PATHFit 1 Movement Competency Training	2
1st	GEC 007 Science, Technology and Society	3
<b>Total</b>		<b>26</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	GEC 003 The Contemporary World	3
2nd	GEC 004 Mathematics in the Modern World	3
2nd	GEC 005 Purposive Communication	3
2nd	Mac 4103 Structure of English	3
2nd	Mac 4104 Principles & Theories of Language Acquisition and Learning	3
2nd	Mac 4105 Language Programs and Policies in Multilingual Societies	3
2nd	PES 3102 Foundations of Special & Inclusive Education	3
2nd	NSTP2-LTS Literacy Training Service 2	3
2nd	PATHFit 2 Exercise-based Fitness Activities	2
<b>Total</b>		<b>26</b>

**SECOND YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	GEE 002-LITE Living in the IT Era	3
1st	GEC 006 Art Appreciation	3
1st	Mac 4106 Literary Criticism	3
1st	Mac 4107 Preparation of Language Learning Materials Dev 3	3
1st	Mac 4114 Survey of Philippine Literature in English	3
1st	Mac 4118 Children and Adolescent Literature	3
1st	PES 3103 The Teaching Profession	3
1st	PATHFit 3 Sports	2
<b>Total</b>		<b>23</b>
<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	GEE 004 Philippine Popular Culture	3
2nd	GEC 008 Ethics	3
2nd	GEC 009 The Life and Works of Rizal	3
2nd	Mac 4110 Speech and Theater Arts	3
2nd	Mac 4111 Technical Writing	3
2nd	Mac 4113 Mythology and Folklore	3
2nd	PES 3104 The Teacher and School Curriculum	3
2nd	PES 3105 The Teacher & the Community, School Culture and Organizational Leadership 3	3
2nd	PATHFit 4 Dance	2
<b>Total</b>		<b>26</b>

**THIRD YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	Mac 4108 Teaching Assessment of the Macroskills	3
1st	Mac 4109 Teaching and Assessment of Grammar	3
1st	Mac 4115 Survey of Afro-Asian Literature	3
1st	Mac 4116 Survey of English and American Literature	3
1st	Mac 4117 Contemporary, Popular & Emergent Literature	3
1st	PES 3106 Facilitating Learner-Centered Teaching	3
1st	PES 3107 Technology for Teaching & Learning, Part 1	3
1st	PES 3108 Assessment of Learning, Part 1	3
<b>Total</b>		<b>24</b>
<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	Mac 4112 Teaching and Assessment of Literature Studies	3
2nd	Mac 4119 Campus Journalism	3
2nd	Mac 4120 Technology for Teaching & Learning 2 (Technology in Language Education)	3
2nd	Mac 4121 Language Education Research	3
2nd	PES 3109 Assessment of Learning, Part 2	3
2nd	PES 3110 Building and Enhancing New Literacies Across the Curriculum	3
2nd	Mae 001-SDA Stylistics & Discourse Analysis	3
2nd	Mae 002-RI Remedial Instruction	3
<b>Total</b>		<b>24</b>

**FOURTH YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	PES 3111 Observation of Teaching-Learning in Actual School Environment 3	
1st	PES 3112 Participation and Teaching Assistantship	3
<b>Total</b>		<b>6</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2 <sup>nd</sup>	PES 3113 Teaching Internship (Off Campus)	6
2 <sup>nd</sup>	Enrichment Class: Professional Education/General Education 12	
<b>Total</b>		<b>18</b>

### **3. BS IN BUSINESS ADMINISTRATION (OPERATIONS MANAGEMENT)**

*(Effective SY 2023-2024)*

#### **FIRST YEAR**

Semester Code	Description	Units
1st GEC 001	Understanding the Self	3
1st GEC 002	Readings in the Philippine History	3
1st GEC 003	The Contemporary World	3
1st BAC 1001	Basic Microeconomics	3
1st BAC 1002	Fundamentals of Accounting	3
1st BAC 1003	Integrated Application Software Productivity Tools	3
1st PATHFit 1	Movement Competency Training	2
1st NSTP1-CWTS National Service Training Program 1 - CWTS		3
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd GEC 004	Mathematics in the Modern World	3
2nd GEC 005	Purposive Communication	3
2nd BAC 1004	Principles of Management	3
2nd BAC 1005	Business Law (Obligation and Contracts)	3
2nd BAC 1006	Taxation in the IT Era	3
2nd BAC 1007	Good Governance and Social Responsibility	3
2nd PATHFit 2	Exercise-based Fitness Activities	2
2nd NSTP2-CWTS National Service Training Program 2 - CWTS		3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester	Code	Description	Units
1st	GEC 006	Art Appreciation	3
1st	GEC 007	Science, Technology and Society	3
1st	GEC 008	Ethics	3
1st	BAC 1009	Principles of Marketing	3
1st	BAC 1010	Financial Management	3
1st	BAC 1011	Human Resource Management	3
1st	PATHFit 3	Sports	2
<b>Total</b>			<b>20</b>

Semester	Code	Description	Units
2nd	GEC 009	The Life and Works of Rizal	3
2nd	GEE 005-EM	Entrepreneurial Mind	3
2nd	PfC 1301	Project Management	3
2nd	PfC 1302	Quality Management	3
2nd	PfC 1303	Supply Chain Management	3
2nd	PfC 1304	Logistics Management	3
<b>Total</b>			<b>18</b>

**THIRD YEAR**

Semester Code	Description	Units
1st	BAC 1002 Business Statistics	3
1st	BAC 1007 Operations Management (TQM)	3
1st	BAC 1012 Strategic Management	3
1st	PfC 1305 E-Commerce	3
1st	PfC 1306 Industrial Engineering	3
1st	PfC 1307 Costing and Pricing	3
1st	PfC 1308 Strategic Marketing Management	3
<b>Total</b>		<b>21</b>

Semester Code	Description	Units
2nd	PfC 1310 Practicum / Work Integrated Learning	6
<b>Total</b>		<b>6</b>

**FOURTH YEAR**

Semester Code	Description	Units
1st	PfC 1101 Managerial Accounting	3
1st	PfC 1309 Putting Strategy into Action	3
1st	PfC 1310 Industrial Management	3
1st	PfC 1311 E-Commerce and Internet Marketing	3
1st	PfC 1312 Risk Management	3
<b>Total</b>		<b>15</b>

#### **4. BS IN BUSINESS ADMINISTRATION (MARKETING MANAGEMENT)**

*(Effective SY 2023-2024)*

##### **FIRST YEAR**

Semester Code	Description	Units
1st GEC 001	Understanding the Self	3
1st GEC 002	Readings in the Philippine History	3
1st GEC 003	The Contemporary World	3
1st BAC 1001	Basic Microeconomics	3
1st BAC 1002	Fundamentals of Accounting	3
1st BAC 1003	Integrated Application Software Productivity Tools	3
1st PATHFit 1	Movement Competency Training	2
1st NSTP1-CWTS	National Service Training Program 1 - CWTS	3
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd GEC 004	Mathematics in the Modern World	3
2nd GEC 005	Purposive Communication	3
2nd BAC 1004	Principles of Management	3
2nd BAC 1005	Business Law (Obligation and Contracts)	3
2nd BAC 1006	Taxation in the IT Era	3
2nd BAC 1007	Good Governance and Social Responsibility	3
2nd PATHFit 2	Exercise-based Fitness Activities	2
2nd NSTP2-CWTS	National Service Training Program 2 - CWTS	3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester	Code	Description	Units
1st	GEC 006	Art Appreciation	3
1st	GEC 007	Science, Technology and Society	3
1st	GEC 008	Ethics	3
1st	BAC 1009	Principles of Marketing	3
1st	BAC 1010	Financial Management	3
1st	BAC 1011	Human Resource Management	3
1st	PATHFit 3	Sports	2
<b>Total</b>			<b>20</b>

Semester	Code	Description	Units
2nd	GEC 009	The Life and Works of Rizal	3
2nd	GEE 005-EM	Entrepreneurial Mind	3
2nd	PfC 1401	Professional Salesmanship	3
2nd	PfC 1402	Advertising	3
2nd	PfC 1403	Marketing Management	3
2nd	PfC 1404	Franchising	3
<b>Total</b>			<b>18</b>

**THIRD YEAR**

Semester Code	Description	Units
1st	BAC 1002 Business Statistics	3
1st	BAC 1007 Operations Management (TQM)	3
1st	BAC 1012 Strategic Management	3
1st	PfC 1405 Retail Management	3
1st	PfC 1406 International Marketing	3
1st	PfC 1407 Distribution Management	3
1st	PfC 1408 Pricing Strategy	3
<b>Total</b>		<b>21</b>
Semester Code	Description	Units
2nd	PfC 1410 Practicum / Work Integrated Learning	6
<b>Total</b>		<b>6</b>

**FOURTH YEAR**

Semester Code	Description	Units
1st	PfC 1101 Managerial Accounting	3
1st	PfC 1409 Marketing Research	3
1st	PfC 1410 Cooperative Management	3
1st	PfC 1411 E-Commerce and Internet Marketing	3
1st	PfC 1412 Risk Management	3
<b>Total</b>		<b>15</b>

## **5. BACHELOR OF SECONDARY EDUCATION (MATHEMATICS)**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

Semester Code	Description	Units
1st	GEC 001 Understanding the Self	3
1st	GEC 002 Readings in the Philippine History	3
1st	GEE 001 Gender and Society	3
1st	Mac 4201 History of Mathematics	3
1st	Mac 4202 College and Advanced Algebra	3
1st	PES 3101 The Child & Adolescent Learners and Learning Principles	3
1st	NSTP1-LTS Literacy Training Service 1	3
1st	PATHFit 1 Movement Competency Training	2
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd	GEC 003 The Contemporary World	3
2nd	GEC 004 Mathematics in the Modern World	3
2nd	GEC 005 Purposive Communication	3
2nd	Mac 4203 Trigonometry	3
2nd	Mac 4204 Plane and Solid Geometry	3
2nd	PES 3102 Foundations of Special & Inclusive Education	3
2nd	NSTP2-LTS Literacy Training Service 2	3
2nd	PATHFit 2 Exercise-based Fitness Activities	2
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester Code	Description	Units
1st	GEE 002-LITE Living in the IT Era	3
1st	GEC 006 Art Appreciation	3
1st	GEC 007 Science, Technology and Society	3
1st	Mac 4205 Logic and Set Theory	3
1st	Mac 4206 Calculus 1 with Analytic Geometry	4
1st	Mac 4207 Modern Geometry	3
1st	PES 3103 The Teaching Profession	3
1st	PATHFit 3 Sports	2
<b>Total</b>		<b>24</b>
Semester Code	Description	Units
2nd	GEC 008 Ethics	3
2nd	GEC 009 The Life and Works of Rizal	3
2nd	Mac 4209 Calculus 2	4
2nd	Mac 4210 Number Theory	3
2nd	Mac 4211 Linear Algebra	3
2nd	PES 3104 The Teacher and School Curriculum	3
2nd	PES 3105 The Teacher & the Community, School Culture and Organizational Leadership	3
2nd	PATHFit 4 Dance	2
<b>Total</b>		<b>24</b>

**THIRD YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	Mac 4208 Mathematics of Investment	3
1st	Mac 4212 Elementary Statistics & Probability	3
1st	Mac 4213 Calculus 3	3
1st	Mac 4214 Advanced Statistics	3
1st	Mac 4215 Problem Solving, Mathematical Investigation and Modeling	3
1st	PES 3106 Facilitating Learner-Centered Teaching	3
1st	PES 3107 Technology for Teaching & Learning, Part 1	3
1st	PES 3108 Assessment of Learning, Part 1	3
<b>Total</b>		<b>24</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	Mac 4218 Assessment & Evaluation in Math	3
2nd	Mac 4219 Technology for Teaching and Learning 2	3
2nd	Mac 4220 Research in Mathematics, Part 1	4
2nd	PES 3109 Assessment of Learning, Part 2	3
2nd	PES 3110 Building and Enhancing New Literacies Across the Curriculum	3
2nd	Mac 4216 Principles and Strategies of Teaching Math	3
2nd	Mac 4217 Abstract Algebra	3
2nd	GEE 004 Philippine Popular Culture	3
<b>Total</b>		<b>25</b>

**FOURTH YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	PES 3111 Observation of Teaching-Learning in Actual School Environment 3	
1st	PES 3112 Participation and Teaching Assistantship	3
<b>Total</b>		<b>6</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PES 3113 Teaching Internship (Off Campus)	6
2nd	Enrichment Class: Professional Education/General Education 12	
<b>Total</b>		<b>18</b>

## **1. BS IN ENTREPRENEURSHIP**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>	
1st	GEC 001	Understanding the Self	3
1st	GEC 002	Readings in the Philippine History	3
1st	GEC 003	The Contemporary World	3
1st	BAC 1001	Basic Microeconomics	3
1st	BAC 1002	Fundamentals of Accounting	3
1st	BAC 1003	Integrated Application Software Productivity Tools	3
1st	PATHFit 1	Movement Competency Training	2
1st	NSTP1-CWTS National Service Training Program 1 - CWTS	3	
<b>Total</b>		<b>23</b>	

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>	
2nd	GEC 004	Mathematics in the Modern World	3
2nd	GEC 005	Purposive Communication	3
2nd	BAC 1004	Principles of Management	3
2nd	BAC 1005	Entrepreneurial Behavior	3
2nd	BAC 1006	Opportunity Seeking	3
2nd	BAC 1007	Principles of Marketing	3
2nd	PATHFit 2	Exercise-based Fitness Activities	2
2nd	NSTP2-CWTS National Service Training Program 2 - CWTS	3	
<b>Total</b>		<b>23</b>	

**SECOND YEAR**

Semester Code	Description	Units
1st	GEC 006 Art Appreciation	3
1st	GEC 007 Science, Technology and Society	3
1st	GEC 008 Ethics	3
1st	BAC 1009 Taxation in the IT Era	3
1st	BAC 1010 Living in the IT Era	3
1st	BAC 1011 Purposive Communication	3
1st	PATHFit 3 Sports	2
<b>Total</b>		<b>20</b>

Semester Code	Description	Units
2nd	GEC 009 The Life and Works of Rizal	3
2nd	GEE 005-EM Entrepreneurial Mind	3
2nd	PfC 2004 Personal Finance	3
2nd	PfC 2005 Innovation Management	3
2nd	PfC 2001 Market Research and Consumer Behavior	3
2nd	PfC 2002 Science, Technology and Society	3
<b>Total</b>		<b>18</b>

**THIRD YEAR**

Semester Code	Description	Units
1st	PfC 2003 E-Commerce and Internet Marketing	3
1st	PfC 2006 Social Entrepreneurship	3
1st	PfC 2007 E-Commerce	3
1st	PfC 2008 Track 1: Agri-Supply Chain	3
1st	PfC 2009 Track 1: Franchise and Internet Marketing	3
1st	PfC 2010 Strategic Management	3
<b>Total</b>		<b>18</b>

Semester Code	Description	Units
2nd	PfC 2011 Business Plan Implementation	5
2nd	PfC 2012 Track 3: Retail Distribution	3
2nd	PfC 2006 Programs and Policies on Enterprise Development	3
<b>Total</b>		<b>11</b>

**FOURTH YEAR**

Semester	Code	Description	Units
1st	PfC 2001	Business Plan Instruction and Management	3
1st	PfC 2005	Track 4: Infrastructure Management	3
1st	PfC 2010	Microfinancing	3
1st	PfC 2011	The Life and Works of Rizal	3
<b>Total</b>			<b>12</b>

## **2. BS IN INFORMATION TECHNOLOGY**

*(Effective SY 2023-2024)*

### **FIRST YEAR**

Semester Code	Description	Units
1st	GEC 001	Understanding the Self 3
1st	GEC 002	Readings in the Philippine History 3
1st	GEE 001	Gender and Society 3
1st	PfE 5101	Computer System Servicing 3
1st	CoC 5101	Introduction to Computing 3
1st	CoC 5102	Computer Programming 1 3
1st	PATHFit 1	Movement Competency Training 2
1st	NSTP1-CWTS Civic Welfare Training Service 1	3
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd	GEC 003	The Contemporary World 3
2nd	GEC 004	Mathematics in the Modern World 3
2nd	GEC 005	Purposive Communication 3
2nd	PfE 5102	Competitive Programming 3
2nd	PfC 5101	Introduction to Human Computer Interaction 3
2nd	CoC 5103	Computer Programming 2 3
2nd	PATHFit 2	Exercise-based Fitness Activities 2
2nd	NSTP2-CWTS Civic Welfare Training Service 2	3
<b>Total</b>		<b>23</b>

**SECOND YEAR**

Semester Code	Description	Units
1st	GEC 006 Art Appreciation	3
1st	GEC 007 Science, Technology and Society	3
1st	GEE 002 Environmental Science	3
1st	CoC 5104 Data Structures and Algorithms	3
1st	PfC 5102 Discrete Mathematics	3
1st	PfC 5103 Object-oriented Programming	3
1st	PfC 5104 Platform Technologies	3
1st	PATHFit 3 Sports	2
<b>Total</b>		<b>23</b>

Semester Code	Description	Units
2nd	GEC 008 Ethics	3
2nd	GEC 009 The Life and Works of Rizal	3
2nd	GEE 003 Philippine Popular Culture	3
2nd	CoC 5105 Information Management	3
2nd	PfC 5105 Quantitative Methods	3
2nd	PfC 5106 Networking 1	3
2nd	PfC 5107 Integrative Programming and Technologies 1	3
2nd	PATHFit 4 Dance	2
<b>Total</b>		<b>23</b>

**THIRD YEAR**

<b>Semester</b>	<b>Code</b>	<b>Description</b>	<b>Units</b>
1st	PfC 5108	Advanced Database Systems	3
1st	PfC 5109	Networking 2	3
1st	PfC 5110	Systems Integration and Architecture	3
1st	PfC 5111	Software Engineering 1	3
1st	CoC 5106	Application Development and Emerging Technologies	3
1st	PfE 5103	Event-driven Programming	3
1st	PfE 5104	Operating Systems	3
<b>Total</b>			<b>21</b>

<b>Semester</b>	<b>Code</b>	<b>Description</b>	<b>Units</b>
2nd	PfC 5112	Information Assurance and Security	3
2nd	PfC 5113	Social and Professional Issues	3
2nd	PfC 5114	Web Systems and Technologies	3
2nd	PfC 5115	Software Engineering 2	3
2nd	PfC 5116	Capstone Project and Research	3
2nd	PfE 5105	IS Project Management	3
2nd	PfE 5106	Enterprise Architecture	3
<b>Total</b>			<b>21</b>

**FOURTH YEAR**

Semester Code	Description	Units
1st	PfC 5117 Capstone Project and Research 2 3	
1st	PfC 5118 Practicum	6
<b>Total</b>		<b>9</b>

Semester Code	Description	Units
2nd	PfC 5119 Information Assurance and Security 2	3
2nd	PfC 5120 Systems Administration and Maintenance	3
2nd	PfE 5107 System Integration and Architecture 2	3
2nd	PfE 5108 Integrative Programming and Technologies 2 3	
<b>Total</b>		<b>12</b>

### **3. TCP - TEACHER CERTIFICATE PROGRAM**

*(Effective SY 2023-2024)*

#### **FIRST YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	PES 3101 The Child & Adolescent Learners and Learning Principles 3	
1st	PES 3106 Facilitating Learner-Centered Teaching	3
<b>Total</b>		<b>6</b>
<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PES 3105 The Teacher & the Community, School Culture and Organizational Leadership 3	
2nd	PES 3108 Assessment of Learning, Part 1	3
<b>Total</b>		<b>6</b>

#### **SECOND YEAR**

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
1st	ED_EduTech1 Educational Technology 1	3
1st	PES 3107 Technology for Teaching & Learning 3	
<b>Total</b>		<b>6</b>

<b>Semester Code</b>	<b>Description</b>	<b>Units</b>
2nd	PES 3113 Teaching Internship (Off Campus) 6	
<b>Total</b>		<b>6</b>