

ASIAN COLLEGE OF SCIENCE AND TECHNOLOGY

Dr. V. Locsin St., Taclobo, Dumaguete City

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS)

Revised 4-Year Curriculum (Updated: Effective SY 2023-2024)

PER CHED CMO NO. 25 SERIES OF 2015

FIRST YEAR - First Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	FILIONE	Filipino sa Iba't-ibang Disiplina	3	0	3	None
	COMPRG1	Computer Programming 1 (Fundamentals)	2	1	3	None
	INTRCOM	Introduction to Computing	2	1	3	None
	UNDESELF	Understanding the Self	3	0	3	None
	MATWRLD	Mathematics in the Modern World	3	0	3	None
	LIVITER	Living in IT Era	3	0	3	None
	PATHFit1	Movement Competency Training	2	0	2	None
	NSTPONE	National Service Training Program 1	3	0	3	None
Total Units			21	2	23	

FIRST YEAR - Second Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	FILITWO	SineSosyedad/ Pelikulang Panlipunan	3	0	3	FILIONE
	COMPRG2	Computer Programming 2 (Advanced C++)	2	1	3	COMPRG1
	FUNDASY	Fundamentals of Database Systems	2	1	3	COMPRG1
	WEBDES	Web Designing	2	1	3	COMPRG1
	MATELEC	Math Elective (Calculus)	3	0	3	None
	PATHFit2	Exercise-Based Fitness Activities	2	0	2	PATHFIT1
	NSTPTWO	National Service Training Program 2	3	0	3	NSTP1
	PURPCOM	Purposive Communication	3	0	3	None
Total Units			20	3	23	

SECOND YEAR - First Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	HUCOMIN	Human Computer Interaction	0	1	1	COMPROG2
	OBJPROG	Object Oriented Programming (Visual)	2	1	3	COMPROG2
	OPERSYS	Operating Systems	2	1	3	INTRCOM
	ARCHORG	Architecture and Organization	3	0	3	INTRCOM
	DISMATH	Discrete Mathematics	3	0	3	None
	COMPSCI	Computational Science	3	0	3	MATELEC
	PATHFit3	Dance	2	0	2	PATHFit 1 and 2
	PUBLSPE	Public Speaking	3	0	3	PURPCOM
Total Units			18	3	21	

SECOND YEAR - Second Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	SYSFUND	System Fundamentals	2	1	3	HUCOMIN
	PROLANG	Programming Languages	3	0	3	OBJPROG
	DASTRUCT	Data Structures and Algorithms	2	1	3	OBJPROG
	INFOMAN	Information Management	2	1	3	FUNDASY
	DISCRTE	Discrete Structures	2	1	3	DISMATH
	PATHFit4	Sports	2	0	2	PATHFit1 and 2
	COMPRES1	Comprehensive Evaluation 1	1	0	1	2nd Yr 2nd Semester Standing
	TECHWRI	Technical Writing	3	0	3	PURPCOM
Total Units			17	4	21	

THIRD YEAR - First Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	GRACOMP	Graphics and Visual Computing	2	1	3	HUCOMIN
	SOFTEN1	Software Engineering 1	2	1	3	SYSFUND

	APPDEVT	Application Development and Emerging	2	1	3	SYSFUND
	ALGOCOM	Algorithms and Complexity	3	0	3	DASTRUCT
	COMPNET	Computer Networking	2	1	3	3rd Yr Standing
	AUTOMAT	Automata and Computing Theory	3	0	3	DISCRTE
	PETHICS	Ethics	3	0	3	None
	PHILPOP	Philippine Pop Culture	3	0	3	None
Total Units			20	4	24	

THIRD YEAR - Second Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	REAHIST	Readings in Philippine History	3	0	3	None
	SOFTEN2	Software Engineering 2	2	1	3	SOFTEN1
	THESIS1	CS Thesis 1	2	1	3	SOFTEN1, APPDEVT
	SCITECH	Science Technology and Society	3	0	3	None
	PARCOMP	Parallel and Distributed Computing	3	0	3	OPERSYS, ARCHORG
	INFOSEC1	Information Assurance and Security	0	2	2	COMPNET
	INTESYS	Intelligent Systems	3	0	3	AUTOMAT
Total Units			16	4	20	

FOURTH YEAR - First Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	TECHPRE	Technopreneurship	3	0	3	None
	CONWRLD	Contemporary World	3	0	3	None
	THESIS2	CS Thesis 2	2	1	3	THESIS1
	WRLDLIT	World Literature	3	0	3	None
	ARTAPPE	Art Appreciation	3	0	3	None
	JPRIZAL	The Life and Works of Rizal	3	0	3	None
	SOCPROF	Social Issues and Professional Practice	3	0	3	PETHICS
	COMPRES2	Comprehensive Evaluation 2	1	0	1	3rd Yr & 4th Yr Major Subject
Total Units			21	1	22	

FOURTH YEAR - Second Semester

Final Grade	Course Code	Course Description	Lec Units	Lab Units	Total Units	Pre-requisite
	INTERNS	Internship (500 Hours)	3	0	3	4th Year Standing
Total Units			3	0	3	

OVER-ALL TOTAL UNITS			136	21	157	
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Prepared by:

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