

Hybrid: SA + PSO

SA Parameters

Initial Temperature  
6000.0

Cooling Rate  
0.99

Total SA Iterations (Phase)  
50

PSO Parameters

Initialization Type  
Heuristic

Inertia  
0.50

Cognitive  
1.00

Social  
1.00

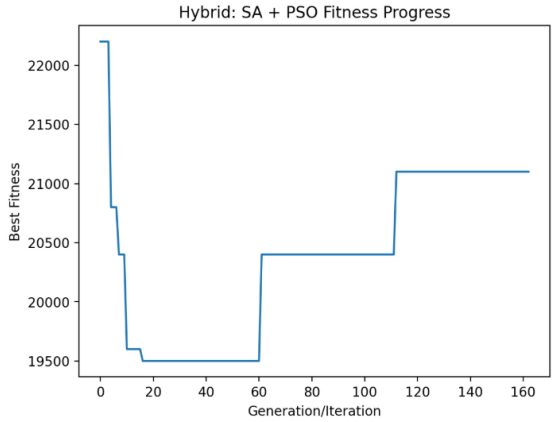
Total PSO Iterations (Phase)  
10

PSO Swarm Size  
30

Timetable Optimization Result

Start Optimization

Timetable Results




Optimized Timetable

Sunday					
	8am	10am	12pm	2pm	4pm
AC 104	Marketing Administration (Ali Anderson)	Number Theory 1 (Sarah Davis)	Basic Pharmacology (Isabella Johnson)	Economic Growth From Brazil (Ali Martin)	Behavior Analysis Fundamentals (Sarah Taylor)
AC 106	General Economic History (Sophia White)	Law Of Things (Sophia Jackson)	Introduction Pharmaceutical Sciences (Ali Martin)	Theory Antropológica 1 (John Wilson)	Exercise Physiology 2 (Sarah Martin)
AC 107	History Teaching Practice 2 (Ali Martin)		Biophysics (Ali Anderson)		Medieval Philosophy (Lina Davis)
AC 111		Audit 1 (Sarah Jackson)		Experimental General Chemistry (John Wilson)	Public And Private Law Institutions (Ahmed Perez)
AUD 01	Topics In Developmental Psychology (Sarah Davis)	Tax Accounting (Layla Smith)		Qualitative Analysis And Quantitative Of Drugs (Sarah Moore)	
BC 312	Brazilian Literature - Romanticism (Fatima Moore)	Organizational Analysis, Systems And Methods (Noah Thompson)		General Immunology (John Lee)	Brazilian Literature - Realism (James Williams)
BC 314	Basic Geology (Sarah Taylor)	Contemporary Topics In Business Administration 2 (Layla Lee)	People Management In Organizations (Omar Johnson)		
BC 316	The Educating With Special Educational Needs (John Wilson)		Philosophical Theories Of Language (John Miller)	Public Policy Fundamentals (James Johnson)	Constitutional Law 1 (Layla Perez)
BIB 214	Introduction To Materials Science (Maya Garcia)	Theoretical Foundations Computing (John Miller)		Documents Conservation And Restoration (Olivia Perez)	University, Society And State (Lina Lee)
CDT	Descriptive Epidemiology (Omar Williams)			Of Listed Companies Accounting (Sarah Taylor)	
ENC-LH		Special Topics In Library And Information Science (Omar Miller)	Physical Chemistry Fundamentals (Noah Thompson)	Work Completion Course 2 (Omar Johnson)	Software Engineering (Sophia White)
FAL B 2	Financial Calculation (James Johnson)	Ancient History 1 (Emma Garcia)	History Of Africa (Sophia Jackson)	Philosophy Of Law (Noah Martin)	
FT ENE	Computational Logic 1 (Lina Davis)				
FT/ENE	Contemporary Political Theory (Ali Smith)	Integrated Interdisciplinary Course Completion (Sarah Martin)		Applied Anatomy On Physical Education (Ahmed Perez)	Work Preparation Course (William Thomas)
GALPÁO	Internship 4 (Sophia Jackson)		General Accounting 1 (William Thomas)	Drawing 1 (Lina Lee)	
IML	General Chemistry And Organic Theory (Omar Williams)	Special Topics In Environmental Management (John Wilson)	Evolution Of Ideas Economic Social (John Wilson)	Dynamic Control Systems (Maya Wilson)	
LAB M 1		Theory And Practice Of Oral And Written Spanish 1 (Omar Johnson)		Law Of Succession (James Johnson)	Psychological Development And Education (Maya Williams)
LAB M 3	Operations Research In Engineering 1 (John Lee)	Introduction Architecture And Urbanism (Sarah Jackson)	Discrete Mathematics 1 (Layla Perez)	Primary Teaching (Noah Thompson)	
LAB SS	Molecular Biology (Lina Lee)		Fundamentals Historical And Theoretical And Methodological Of Social Services 2 (Fatima Moore)	Supervised 3 (Ali Smith)	Ecology 1 (Ali Harris)
SG 09	Mechanics Of Solids 2 For Engineering (Sarah Moore)	Politics And State In The Americas (Lina Lee)		Circuit Theory Electronics 1 (Lina Davis)	Pharmacobotany (James Williams)

Monday					
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	8am	10am	12pm	2pm	4pm
AC 104	Update And Law Practice 5 (Omar Miller)		General Theoretical Chemistry (Ahmed Perez)	Metabolic Integration (Sarah Taylor)	Data Structures (Ali Smith)
AC 106	Biostatistics (Emma Garcia)	Integrative Seminar 3 (Sophia White)		Supervised 4 (Elijah Wilson)	Social Issues And Social Services (Ali Harris)
AC 107			Electrical Circuits 1 (James Johnson)	The Adult Health - Medical Clinic 1 (Ali Martin)	
AC 111	Supervised Internship Bachelor Of Ed 2 (Isabella Johnson)	Health And Society 2 The Social Construction Process Of Health And Sickness (Omar Williams)	Completion Of Course Work (William Garcia)	Structural Biology Of Fabrics (William Garcia)	
AUD 01			Planning, Management And Social Management (Fatima Moore)		In Clinical Internship (Ahmed Perez)
BC 312	Electromagnetism Theory (James Johnson)	Psychology Of Learning 1 (William Thomas)			
BC 314		Genetics (John Miller)			
BC 316		Veterinary Microbiology (John Miller)	Social History And Politics From Brazil (Sarah Jackson)	Reading Academic Texts And Production (Omar Miller)	Cytology (Olivia Perez)
BIB 214			Brazilian Culture (Fatima Johnson)		
CDT	Research In Project Management (James Williams)		Texts Practice (Layla Perez)		Hygiene And Work Safety (Sarah Jackson)
ENC-LH	Health Child And Teenager - Pediatrics 1 (William Garcia)		Supervised Internship In Production Management Of Dining (Noah Thompson)		Contemporary Philosophy (Maya Williams)
FAL B 2	Animal Embryology (John Wilson)		1 Social Security - Social Security (Maya Williams)		
FT ENE					The French Practice Oral And Written 2 (John Lee)
FT/ENE			Morphological 2 (Noah Martin)	Introduction To Philosophy (Fatima Moore)	School Psychology (Layla Perez)
GALPR0			Organic Chemistry Fundamental (Ali Martin)	Semiotics And Sociotechnical 2 (Noah Thompson)	Analytical Chemistry 2 (William Anderson)
IML	Policies, Systems And Health Services (William Garcia)	Internship In Clinical Surgery (William Garcia)		Social Psychology 1 (Sarah Davis)	
LAB M 1	General Chemistry And Inorganic (Ahmed Moore)		Administration In Physical Education (Layla Lee)		Morphological And Human Development Organization (William Thomas)
LAB M 3		Applied Statistics (Ahmed Perez)		Introduction To Anthropology (Ali Smith)	Special Topics In Political Science 1 (Fatima Brown)
LAB 55		Algorithms And Computer Programming (Noah Martin)	Pharmacology (Sophia Jackson)	Anatomy Elements (Layla Smith)	Physiotherapy Fundamentals: Physical Agents (Fatima Moore)
SG 09	Of Life Maintenance Systems (Omar Johnson)	Public International Law (Omar Miller)		Introduction Scientific Research (William Anderson)	


Tuesday
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	8am	10am	12pm	2pm	4pm
AC 104	Accident Prevention And First Aid (Olivia Perez)		Infectious Agents (Layla Smith)		Anatomy Of Domestic Animals 2 (Omar Williams)
AC 106	Theories And Models Administration (Sophia Davis)	Integrative Seminar 4 (Omar Miller)		Algebra 1 (Omar Johnson)	Heat Transfer (Layla Lee)
AC 107			Decision Analysis 1 (Ali Harris)	Microprocessor Systems (Lina Anderson)	Electromagnetism 1 (Maya Wilson)
AC 111			Measurements And Evaluation In Physical Education 1 (Noah Martin)		Introduction To Law 2 (John Lee)
AUD 01		Introduction To Law 1 (Sophia Davis)	Applied Kinesiology In The Physical Education (Lina Lee)	Digital Electronics Theory 1 (Sarah Martin)	
BC 312	Social History And General Policy (Isabella Johnson)	Integrator Project Engineering 1 (John Wilson)	Search Legal (Layla Perez)	Health Psychology (Noah Garcia)	Audit 2 (Noah Garcia)
BC 314			Fundamentals Of Public Administration (Sarah Moore)		Perception (Omar Johnson)
BC 316	Evaluation Of Investment Projects (Noah Thompson)	Portuguese Literature - Modernism (Sarah Martin)		Internship In Accounting (Fatima Brown)	Criminal Procedural Law 2 (Maya Williams)
BIB 214	Equilibria Chemical Principles (Layla Lee)		Gene To Life (William Thomas)		Sports Practice (Lina Anderson)
CDT		Bromatology (Sarah Taylor)	The Public Execution Management (John Harris)	General Accounting 2 (John Harris)	Boarding In Pediatrics (Noah Taylor)
ENC-LH		Financial Law (Noah Garcia)	Calculation 3 (Ali Martin)	Complex Variable 1 (Maya Williams)	
FAL B 2	History Of America 2 (Fatima Brown)	Monography (Noah Thompson)	Introduction To Economy (Maya Garcia)	History From Brazil 4 (John Harris)	Veterinary Pathology (William Anderson)
FT ENE	Atom To Cell (Ahmed Perez)		Introduction Library And Information Science (Fatima Moore)	Plant Physiology (Omar Williams)	Update And Law Practice 3 (Sophia White)

FT/ENE			Analytical Chemistry 1 (Isabella Johnson)		Spanish Language 1 (Emma Garcia)
GALPÃO	Exercise Physiology 1 (Sophia White)	Methods And Research Techniques In Physical Education (John Miller)	Choral 1 (Olivia Perez)		
IML			Physical Fundamentals (James Williams)		
LAB M 1		Integration Of Vital Processes (Layla Smith)	Biochemistry (James Johnson)		
LAB M 3		Social Legislation (Omar Williams)		Finance 1 (Lina Lee)	
LAB SS		Advanced Topics In Computer (Ahmed Moore)	Development Methods Software (John Harris)		Architecture Design - Housing (James Johnson)
SG 09	Review Of Liquidity (Sarah Jackson)	Theory Of Modern Politics (Ali Harris)	Latin 1 (Elijah Wilson)	Law Of Contracts (Ahmed Moore)	

Wednesday					
	8am	10am	12pm	2pm	4pm
AC 104	Law Of History (Lina Lee)	Introduction Linear Algebra (William Anderson)	Introduction Business Activity (Elijah Wilson)		Mechanics 2 (Noah Thompson)
AC 106		Cost Administration (Ahmed Moore)	Learning In Education (Omar Miller)	Psychology Of Personality 1 (Fatima Johnson)	
AC 107	Economic Engineering (Maya Garcia)		Civil Procedure 1 (Sarah Taylor)	Philosophy Of Science (Layla Smith)	Mathematical Methods Of Physics 1 (Noah Garcia)
AC 111	Current Topics In Linguistics (Noah Taylor)		Professional Ethics (James Johnson)	Mechanics Of Solids 1 For Engineering (Sophia Davis)	History From Brazil 2 (Omar Miller)
AUD 01	Darcy Ribeiro: Thinking And Fazimentos (Noah Garcia)		Organography And Systematic Fanerofitica (Fatima Brown)	Controlling (John Wilson)	Accounting Information Systems (John Miller)
BC 312	Theory And Practice Spanish Oral And Written 2 (Lina Davis)	Technical Drawing (James Williams)	Supervised Internship In Social Nutrition (Sarah Jackson)	The Organization Brazilian Education (John Harris)	Psychology Work (William Anderson)
BC 314		Integrative Seminar 2 (Omar Williams)	Architecture History And Art 1 (Layla Smith)		Fundamentals Of Visual Language (John Harris)
BC 316	Anthropology Health And Illness (Ali Smith)		Animal Biochemistry (John Miller)		
BIB 214		Innovation Management (Elijah Wilson)	Computer Architecture Fundamentals (Omar Johnson)	Physiology Elements 2 (Maya Wilson)	From Biology Teaching (Layla Lee)
CDT	Supervised In Speech 3 (Fatima Moore)	Basic Microbiology (Omar Johnson)		Logic (Lina Anderson)	
ENC-LH		Supervised Internship (Lina Davis)	Didactic Of Natural Sciences (James Williams)	Supervised Internship In Electrical Engineering (Lina Lee)	Commercial Law (John Lee)
FAL B 2	Practice Do Frances Oral And Written 1 (Isabella Johnson)	Theory Construction Materials (Lina Lee)	Theory Sociological 1 (Layla Lee)		
FT ENE					Supervised In Speech 2 (Ali Anderson)
FT/ENE	Law Of Understanding (Layla Perez)	Fundamentals Psychology Clinic (Sarah Martin)	Philosophical Foundations History Of Physical Education (William Thomas)		Introduction To Methodology On Social Sciences (Ahmed Perez)
GALPÃO			Tax Legislation (Sophia Jackson)	Social Movements (Ali Martin)	Commercial Law 2 (Maya Wilson)
IML	Commercial Accounting (Noah Taylor)	Morphology And Taxonomy Cryptograms (Sarah Martin)	Atomic Structure And Chemical Bonds (John Harris)		Databases (Fatima Johnson)
LAB M 1		Brazilian Literature - Modernism (Maya Wilson)	Architecture And Urbanism In Brazil Colony And Empire (Sophia White)	Constitutional Law 2 (Fatima Brown)	Ethics And Law (Olivia Perez)
LAB M 3	Introduction To Mechanics Of Solids (Fatima Brown)	Sociology Of Education (Isabella Johnson)	Human Geography And Economic (Ali Martin)	Organic Chemistry Fundamentals (James Williams)	
LAB SS	Probability And Statistics Applied Engineering A (Maya Garcia)	Production Management And Operations (Maya Garcia)	Environment Of Sciences (Sophia Davis)		Supervised Internship 1 (Sarah Martin)
SG 09	Update And Law Practice 4 (Ahmed Moore)	English Literature - Renaissance (Ali Smith)	History Teaching Laboratory (Elijah Wilson)		

Thursday					
	8am	10am	12pm	2pm	4pm
AC 104	Project 4 - Practice Individualized Teaching Project 2 (Sepeti) (Emma Garcia)		Fundamentals Education In Health (Emma Garcia)		Update And Law Practice 2 (Omar Williams)
AC 106	Criminal Law 2 (Layla Lee)	Introduction Communication (Sophia White)	General Accounting 3 (Fatima Brown)		Practices Of Health (Noah Martin)
AC 107	Models And Practice Of Attention To Health (Ahmed Moore)		Computer Organization And Architecture (Ali Harris)	Special Topics In Political Science 2 (Noah Taylor)	Digital Systems (Lina Davis)
AC 111		Accounting Theory (Layla Perez)	Theory And Practice Spanish Oral And Written 3 (Lina Davis)	Health And Society 1: Introduction To Social Sciences In Health (Lina Davis)	Industrial Organization (Sarah Martin)

			ANDERSON)	FRIBOLD (ANI FRIBOLD)	
AUD 01	Resisted Training Principles (Layla Perez)			Humanities And Citizenship (Ali Smith)	
BC 312	Public Policy In Physical Education, Sport, Health & Leisure (Sarah Martin)	Elements 1 Physiology (Layla Laro)		1 Data Structures (Noah Garcia)	Electrical Circuits 2 (Ali Martin)
BC 314	Introduction Plant Anatomy (Omar Johnson)	General Geology (Sarah Davis)			
BC 316	Quantitative Methods And Decision Models 1 (William Anderson)	Work Law (Olivia Perez)	Animal Diversity (Omar Miller)	Physics 2 (Lina Anderson)	Reading And Production Of Texts (Sophia Jackson)
BIB 214		Introduction Organizational Theories (William Garcia)		Production And Quality Management (Lina Davis)	
CDT	Work'S Security Engineer (Olivia Perez)		Integrative Seminar 1 (Sophia Davis)	Practice De Frances Oral And Written 4 (Ahmed Perez)	
ENC-LH		Teaching Practices: Materials In Arts (Maya Garcia)	For Mechanical Design Engineering (Sarah Martin)	Chinese Language 1 (Emma Garcia)	
FAL B 2	Electronics (Sarah Taylor)	Brazilian Literature - Baroque And Arcadian (Emma Garcia)	Social Policy (Maya Wilson)		
FT ENE	Philosophy Education (Maya Williams)		Social Thought In Health (Maya Garcia)		
FT/ENE	Supervised Internship In Clinical Nutrition (Noah Thompson)	Introduction To Engineering (Omar Johnson)		Contemporary History 2 (Ali Smith)	In Internship 1 Social Services (Sophia Davis)
GALPÃO				Host-Parasite Interactions (Layla Perez)	Modern History 1 (Sophia Davis)
IML	Mathematics 2 (Ali Anderson)	Anthropology And Education (Olivia Perez)			
LAB M 1	Women'S Health - Gynecology And Obstetrics (Sophia Davis)	Mechanical Computer Aided Design 1 (Elijah Wilson)	Health Promotion 3 (John Harris)	Partner Fundamentals - Anthropological Physics Education (Fatima Moon)	Process The General Theory 2 (Ahmed Perez)
LAB M 3			Immunology (Sophia Jackson)	Experimental Physics 1 (Noah Taylor)	Administrative Law 3 (Noah Garcia)
LAB SS		Update And Law Practice 1 (Layla Perez)	Thermodynamics 1 (Fatima Johnson)	Choral 2 (Olivia Perez)	
SG 09		Analytic Studies (Sarah Jackson)			