

Two Point

Crossover Rate

0.70

Selection Type

Tournament

Generations

100

Population Size

50

Memetic Rate (Local Search)

0.28

0.001.00

SA Parameters

Initial Temperature

1000.0

Cooling Rate

0.95

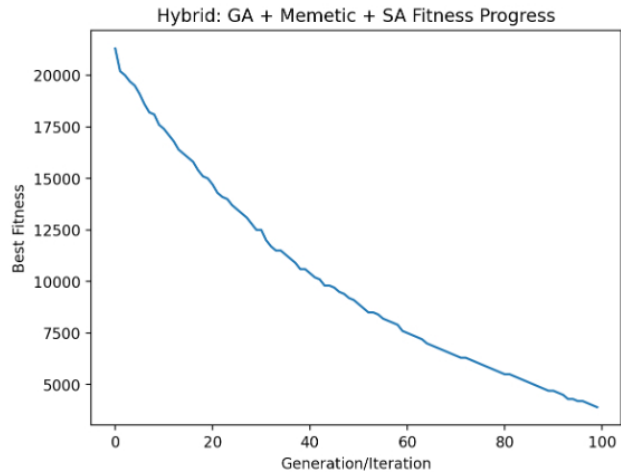
SA Iterations / GA Gen

50

# Timetable Optimization Result

Start Optimization

## Timetable Results



## Optimized Timetable


Sunday					
	8am	10am	12pm	2pm	4pm
AC 104		Modern History 1 (Sophia Davis)	Social History And General Policy (Isabella Johnson)	Computer Architecture Fundamentals (Omar Johnson)	
AC 106	Animal Diversity (Omar Miller)	General Accounting 2 (John Harris)	Methods And Research Techniques In Physical Education (John Miller)	Supervised In Speech 2 (Ali Anderson)	
AC 107	Morphology And Taxonomy Cryptograms (Sarah Martin)	History Education (Omar Williams)	Operations Research In Engineering 1 (John Lee)	Entomology (Sarah Jackson)	Women's Health - Gynecology And Obstetrics (Sophia Davis)
AC 111		Introduction Theory Of Literature (Elijah Wilson)	History From Brazil 2 (Omar Miller)	Public Policy In Physical Education, Sport, Health & Leisure (Sarah Martin)	History Teaching Practice 2 (Ali Martin)
AUD 01	Design And Algorithms Analysis (Noah Martin)	Introduction Scientific Research (William Anderson)	General Chemistry And Organic Theory (Omar Williams)	Rnancial Calculation (James Johnson)	Organizational Behavior (Fatima Brown)
BC 312	Introduction Organizational Theories (William Garcia)	Applied Kinesiology In The Physical Education (Lina Lee)	Veterinary Pathology (William Anderson)	Spanish Language 1 (Emma Garcia)	Digital Systems (Lina Davis)
BC 314	Internship 3 (John Miller)	Advanced Topics In Computer (Ahmed Moore)		Calculation 3 (Ali Martin)	Brazilian Literature - Romanticism (Fatima Moore)
BC 316	Texts Practice (Layla Perez)	Genetics (John Miller)	Accident Prevention And First Aid (Olivia Perez)	Required Internship In Physiotherapy 1 (William Thomas)	
BIB 214	Commercial Law (John Lee)	Theory Of Modern Politics (Ali Harris)	Social Policy (Maya Wilson)	Circuit Theory Electronics 1 (Lina Davis)	The French Practice Oral And Written 3 (James Johnson)
CDT	Internship In Clinical Gynecology And Obstetrics (Elijah Wilson)		Latin 1 (Elijah Wilson)	Portuguese Literature - Romanticism (Ali Harris)	Philosophy Education (Maya Williams)
ENC-LH	Architecture And Urbanism In Brazil Colony And Empire (Sophia White)	Special Topics In Library And Information Science (Omar Miller)		English Instrumental 1 (Sarah Moore)	
FAL B 2	Mathematical Methods Of Physics 1 (Noah Garcia)	Topography (Layla Smith)	Industrial Organization (Sarah Martin)	Family Right (Layla Smith)	Introduction To Psychology (Sophia Jackson)
FT ENE	In Internship 1 Social Services (Sophia Davis)	Philosophical Foundations History Of Physical Education (William Thomas)			Right Of Duties (John Wilson)
FT/ENE	Linear Algebra (Ali Anderson)	Boarding In Pediatrics (Noah Taylor)	Introduction To Sociology (Sophia Davis)	Physiotherapy Fundamentals: Physical Agents (Fatima Moore)	Criminal Procedural Law 1 (John Miller)
GALPÃO	Physical Chemistry Fundamentals (Noah Thompson)	Introduction To Ecomology (John Garcia)		Veterinary Microbiology (John Miller)	Introduction To Methodology On Social Sciences (Ahmed Perez)
IML	Update And Law Practice 2 (Omar Williams)	Introduction Philosophical Practice (Sarah Taylor)	History Teaching Laboratory (Elijah Wilson)	Social Psychology 1 (Sarah Davis)	Quantitative Methods And Decision Models 1 (William Anderson)
LAB M 1	Numerical Calculation (John Harris)	General Theory Of Criminal Law (Fatima Moore)	Elements 1 Physiology (Layla Lee)	Introduction Communication (Sophia White)	Descriptive Epidemiology (Omar Williams)
LAB M 3		Communication Principles (Ali Anderson)		Data Structures (Ali Smith)	Metabolic Integration (Sarah Taylor)

LAB 55		Monography (Noah Thompson)	Ancient History 1 (Emma Garcia)	Experimental Physics 1 (Noah Taylor)	Morphological And Human Development Organization (William Thomas)
SG 09	In Internship Clinical Surgery (Maya Williams)	Models And Paradigms Of Legal Experience (Isabella Johnson)	Teaching Practices: Materials In Arts (Maya Garcia)		Law Of Understanding (Layla Perez)

Monday					
	8am	10am	12pm	2pm	4pm
AC 104	Work Collective Law (Noah Taylor)	Immunity System (Sarah Taylor)	Anatomy Of Domestic Animals 2 (Omar Williams)	Civil Procedure 1 (Sarah Taylor)	Mechanics 1 (John Lee)
AC 106	Theories And Models Administration (Sophia Davis)	General Chemistry And Inorganic (Ahmed Moore)	Review Of Liquidity (Sarah Jackson)	Theory And Practice Spanish Oral And Written 3 (Lina Anderson)	Special Topics In Political Science 3 (Lina Anderson)
AC 107	Introduction To The Study Of International Relations (Lina Lee)	Practice Do Frances Oral And Written 1 (Isabella Johnson)		Constitutional Law 1 (Layla Perez)	Financial Law (Noah Garcia)
AC 111	Completion Of Course Work (William Garcia)	Philosophical Ethics (Ali Anderson)	Industrial Design Computer Aided (Lina Anderson)	Computational Logic 1 (Lina Davis)	Planning, Management And Social Management (Fatima Moore)
AUD 01	Supervised Internship Bachelor Of Ed 2 (Isabella Johnson)	Mechanics 2 (Noah Thompson)	Sports Practice (Lina Anderson)	Qualitative Analysis And Quantitative Of Drugs (Sarah Moore)	Civil Procedure 2 (William Anderson)
BC 312	Philosophy Of Science (Layla Smith)	Philosophical Theories Of Language (John Miller)	Brazilian Literature - Realism (James Williams)	Evolution Of Ideas Economic Social (John Wilson)	
BC 314	Physiology Elements 2 (Maya Wilson)	Law Of History (Lina Lee)	Work Completion Course 2 (Layla Lee)	Organic Chemistry Fundamentals (James Williams)	Public And Private Law Institutions (Ahmed Perez)
BC 316	Constitutional Law 2 (Fatima Brown)	English Literature - Renaissance (Ali Smith)		Economic Growth From Brazil (Ali Martin)	Law Of Contracts (Ahmed Moore)
BIB 214	Update And Law Practice 1 (Sophia White)		Physics 1 (Noah Martin)	Introduction To History Of Philosophy (William Garcia)	Discrete Mathematics 1 (Layla Perez)
CDT	University, Society And State (Lina Lee)	Work Geological Mapping Final (Noah Taylor)		Basic Pharmacology (Isabella Johnson)	Special Topics In Political Science 1 (Fatima Brown)
ENC-LH	Introduction To Management (Elijah Wilson)	Introduction To Sustainable Development (William Thomas)	Decision Analysis 1 (Ali Harris)	Digital Electronics Theory 1 (Sarah Martin)	Supervised Internship In Clinical Nutrition (Noah Thompson)
FAL B 2	Integrative Seminar 4 (Omar Miller)	Darry Ribeiro: Thinking And Fazimentos (Noah Garcia)	1 Commercial Law (Sarah Moore)	Political Economy And Capitalism (Omar Miller)	Portuguese Instrumental 1 (Noah Taylor)
FT ENE	Choral 1 (Olivia Perez)	Choral 2 (Olivia Perez)	Integrator Project Engineering 1 (John Wilson)		Politics And State In The Americas (Lina Lee)
FT/ENE	Quality Administration (Sarah Moore)	Supervised Internship (Lina Davis)	Organography And Systematic Faneroflora (Fatima Brown)	2 Experimental Physics (Sarah Davis)	Boarding In Medical Clinic (Ali Smith)
GALPÃO	Introduction Architecture And Urbanism (Sarah Jackson)	Economic Engineering (Maya Garcia)	Resisted Training Principles (Layla Perez)	Professional Ethics (James Johnson)	Work'S Security Engineer (Olivia Perez)
IML	Contemporary Philosophy (Maya Williams)	Algorithms And Computer Programming (Noah Martin)	Tax Legislation (Sophia Jackson)		
LAB M 1		Architecture History And Art 1 (Layla Smith)	Cost Administration (Ahmed Moore)	Brazilian Literature - Baroque And Arcadian (Emma Garcia)	Control And Management Assessment Public (Maya Garcia)
LAB M 3	Fiscal And Financial Programming (Sarah Davis)	Fundamentals Psychology Clinic (Sarah Martin)	Contemporary History 2 (Ali Smith)	Brazilian Economy (Sophia Jackson)	Analytic Studies (Sarah Jackson)
LAB 55	Medieval History 2 (Lina Davis)		English: Written Expression 1 (Isabella Johnson)	Ecology 1 (Ali Harris)	Integrator Project Engineering 2 (Fatima Johnson)
SG 09	Special Topics In Environmental Management (John Wilson)	Introduction Plant Anatomy (Omar Johnson)	Biochemistry (James Johnson)	Energy Transfer And Mass (Maya Garcia)	

Tuesday					
	8am	10am	12pm	2pm	4pm
AC 104	Measurements And Evaluation In Physical Education 1 (Noah Martin)	Production Management And Operational (Maya Garcia)	Law Work Procedure (Omar Miller)		Pharmacobotany (James Williams)
AC 106		Biostatistics (Emma Garcia)	Tax Accounting (Layla Smith)	Health Psychology (Noah Garcia)	Digital Electronics Practice 1 (Sophia White)
AC 107	Introduction To Mechanics Of Solids (Fatima Brown)	Perception (Omar Johnson)	Electromagnetism 1 (Maya Wilson)	Psychological Development And Education (Maya Williams)	Supervised In Speech 1 (Sarah Jackson)
AC 111	Supervised Internship In Electrical Engineering (Lina Lee)		Introduction To Study Of History (Elijah Wilson)	Numerical Methods For Engineering (Fatima Johnson)	Engineering And Environment (Fatima Johnson)
AUD 01	Pharmacology (Sophia White)	Mechanics Of Solids 1 Rev Enrichment	General Theory Of	Contemporary Biological Throug	Analytical Chemistry

	Jackson)	For Mechanical Design Engineering (Sarah Martin)	State (Maya Garcia)	Special Topics Software Engineering (Ahmed Moore)	2 (William Anderson)
BC 312	In Clinical Internship (Ahmed Perez)	For Mechanical Design Engineering (Sarah Martin)	General Theoretical Chemistry (Ahmed Perez)	Special Topics Software Engineering (Ahmed Moore)	Introduction To Linguistics (Lina Anderson)
BC 314	Anatomy Of Domestic Animals 1 (Ali Anderson)	Equilibria Chemical Principles (Layla Lee)	Host-Parasite Interactions (Layla Perez)		Costs (Noah Garcia)
BC 316	Internship In Clinical Surgery (William Garcia)	Organizational Analysis, Systems And Methods (Noah Thompson)	Story Methodology (Sarah Davis)		History Of America 2 (Fatima Brown)
BIB 214	Introduction Business Activity (Elijah Wilson)	Software Engineering (Sophia White)	Analytic Geometry For Mathematics (William Anderson)		Theory Sociological 1 (Layla Lee)
CDT	Political Philosophy (John Miller)			Bromatologia (Sarah Taylor)	Ancient Philosophy (Elijah Wilson)
ENC-LH	Introduction To Anthropology (Ali Smith)	In Internship 2 Social Service (Maya Wilson)	Contemporary Topics In Business Administration 2 (Layla Lee)	Basic Software (Sarah Jackson)	Finance 1 (Lina Lee)
FAL B 2	Introduction To Law 2 (John Lee)	Policies, Systems And Health Services (William Garcia)	General Economic History (Sophia White)	Health And Society 2: The Social Construction Process Of Health And Sickness (Omar Williams)	Basic Geology (Sarah Taylor)
FT ENE	Social History And Politics From Brazil (Sarah Jackson)	Theory Antropológica 1 (John Wilson)	Animal Embryology (John Wilson)		Work Law (Olivia Perez)
FT/ENE	Economic And Financial Analysis 1 (Fatima Johnson)	Administrative Law 3 (Noah Garcia)			Integrative Seminar 2 (Omar Williams)
GALPÃO	Evaluation Of Investment Projects (Noah Thompson)	Supervised 4 (Elijah Wilson)	Work Preparation Course (William Thomas)	Human Behavior And Work (James Williams)	Structural Biology Of Fabrics (William Garcia)
IML	Anatomy Elements (Layla Smith)	Introduction Library And Information Science (Fatima Moore)	Accounting Information Systems (John Miller)	Introduction To Computer Science (Sophia Davis)	Human Geography And Economic (Ali Martin)
LAB M 1	Logic Circuits (Sarah Moore)		Philosophical Monograph (John Lee)	People Management In Organizations (Omar Johnson)	
LAB M 3	Organizational Strategy (Ali Harris)	Organic Chemistry Fundamental (Ali Martin)	Hygiene And Work Safety (Sarah Jackson)	Production And Quality Management (Lina Davis)	Conclusion Work Course 1 (John Lee)
LAB SS	Monograph Writing (Lina Davis)	Sociology Applied To Management (Ali Smith)	Atomic Structure And Chemical Bonds (John Harris)		Basic Inorganic Chemistry (Sarah Davis)
SG 09	Internship 2 (Sophia White)		Probability Calculation 1 (Ahmed Moore)	Fundamentals Of Visual Language (John Harris)	Algebra 1 (Omar Johnson)

<div>  Wednesday </div>					
	8am	10am	12pm	2pm	4pm
AC 104	Law Of Things (Sophia Jackson)		Fundamentals Historical And Theoretical And Methodological Of Social Services 2 (Fatima Moore)	Internship 4 (Sophia Jackson)	Electrical Circuits 1 (James Johnson)
AC 106	From Biology Teaching (Layla Lee)	The Adult Health - Medical Clinic 1 (Ali Martin)		Search Legal (Layla Perez)	Update And Law Practice 5 (Omar Miller)
AC 107	Applied Statistics (Ahmed Perez)		Supervised Internship In Production Management Of Dining (Noah Thompson)	Technical Drawing (James Williams)	
AC 111	Basic Electricity (Ali Anderson)	Innovation Management (Elijah Wilson)	Humanities And Citizenship (Ali Smith)	Public Law The General Theory (Omar Johnson)	Supervised 2 (Sarah Davis)
AUD 01		Experimental General Chemistry (John Wilson)		Programming Techniques 1 (Sophia Davis)	Physics 2 (Lina Anderson)
BC 312	General Philosophy And Metaphysics (Sarah Davis)	Computer Organization And Architecture (Ali Harris)	Update And Law Practice 1 (Layla Perez)	Theoretical Physics For Agricultural Sciences (Sophia White)	Theory Construction Materials (Lina Lee)
BC 314	Supervised 2 (Layla Perez)	Exercise Physiology 2 (Sarah Martin)	Social Thought In Health (Maya Garcia)	Introduction To Philosophy (Fatima Moore)	Supervised 3 (Ali Smith)
BC 316	Mechanical Computer Aided Design 1 (Elijah Wilson)	Introduction To Accounting (Lina Davis)	Microprocessor Systems (Lina Anderson)	Research Methodology Applied (Noah Taylor)	General Accounting 3 (Fatima Brown)
BIB 214	Public International Law (Omar Miller)	Biophysics (Ali Anderson)	Human Development Processes (John Wilson)	Applied Statistics To Physical Education (Maya Williams)	Syntax The Portuguese Contemporary 1 (Noah Taylor)
CDT	Ethics And Law (Olivia Perez)	Brazilian Culture (Fatima Johnson)	Introduction To Morphosyntax Of English (James Williams)	The Organization Brazilian Education (John Harris)	Administration In Physical Education (Layla Lee)
ENC-LH	Theoretical Foundations Computing (John Miller)	Environment Of Sciences (Sophia Davis)	Architecture Design - Housing (James Johnson)		Theory And Practice Spanish Oral And Written 2 (Lina Davis)
FAL B 2	Introduction To Engineering (Omar Johnson)	Tax Law (Ahmed Moore)	Negotiation (Sophia White)	Drawing 1 (Lina Lee)	Immunology (Sophia Jackson)
FT ENE	Psychology Of Learning 1 (William Thomas)	Modern Philosophy (Maya Williams)	Supervised Internship In Social Nutrition (Sarah Jackson)	Process The General Theory 2 (Ahmed Perez)	Contemporary Topics In Production, Logistics And Information Management (Omar Williams)
FT/ENE	Chinese Language 1 (Ermina Garcia)		Audit 2 (Noah Garcia)	Public Administration And Social Management (Olivia Perez)	
GALPÃO	Civil Procedural Law 1 (John Harris)	Epistemology (Lina Anderson)	History Of Africa (Noah Jackson)	Object Orientation (Ahmed Moore)	Administration Information Systems

Program Category	Program Category	Program Category	Program Category	(William Anderson)
Introduction To Materials Science (Maya Garcia)	Programming Languages (William Anderson)	Topics In Developmental Psychology (Sarah Davis)	Introduction To Political Science (Noah Martin)	General Immunology (John Lee)
Physics 3 (Ali Smith)	Internship 5 (Noah Martin)	Accounting Lab - Business (Ali Martin)	Modern Physics (John Lee)	Development Fundamentals And Learning (Fatima Johnson)
Introduction Archivology (William Garcia)	Health Child And Teenager - Pediatrics 1 (William Garcia)		Psychology Work (William Anderson)	Philosophy Of Law (Noah Martin)
Primary Teaching (Noah Thompson)	Brazilian Literature - Modernism (Maya Wilson)	The French Practice Oral And Written 2 (John Lee)	Electrical Circuits 2 (Ali Martin)	Anthropology And Education (Olivia Perez)
Applied Microeconomics (Lina Anderson)	Behavior Analysis Fundamentals (Sarah Taylor)		Anthropology Health And Illness (Ali Smith)	Social Issues And Social Services (Ali Harris)

Thursday

	8am	10am	12pm	2pm	4pm
AC 104	School Psychology (Layla Perez)	Electromagnetism Theory (James Johnson)	Current Topics In Linguistics (Noah Taylor)		Administrative Law 1 (William Garcia)
AC 106		Internship In Accounting (Fatima Brown)	Introduction To Law 1 (Sophia Davis)	Educational Psychology (Lina Davis)	Analysis Of Information (Fatima Brown)
AC 107	Of Life Maintenance Systems (Omar Johnson)	English: Language Of Understanding Oral 1 (Maya Garcia)	Gene To Life (William Thomas)		Animal Biochemistry (John Miller)
AC 111		Integrated Interdisciplinary Course Completion (Sarah Martin)	Social Movements (Ali Martin)	Physical Fundamentals (James Williams)	
AUD 01	Supervised Internship 1 (Sarah Martin)	Fundamentals Education In Health (Emma Garcia)	Probability And Statistics Applied Engineering A (Maya Garcia)	Heat Transfer (Layla Lee)	
BC 312	Supervised In Speech 3 (Fatima Moore)		Applied Anatomy On Physical Education (Ahmed Perez)	Applied Macroeconomics (Lina Anderson)	Economic Law (Ali Anderson)
BC 314	Mathematics 1 (Olivia Perez)	Plant Physiology (Omar Williams)	Marketing Administration (Ali Anderson)	Internship 1 (Ali Anderson)	Reading Academic Texts And Production (Omar Miller)
BC 316		Sociology Of Education (Isabella Johnson)	Project 4 - Practice Individualized Teaching Project 2 (Sepd) (Emma Garcia)	Signals And Systems For Engineering (Sarah Taylor)	Fundamental Biochemistry (Ali Harris)
BIB 214	The Educating With Special Educational Needs (John Wilson)		Practices Of Health (Noah Martin)	Supervised 2 (William Garcia)	Internship In Social Medicine (Ahmed Perez)
CDT	Health And Society 1: Introduction To Social Sciences In Health (Ali Harris)	Brazilian Signs Language - Basic (William Thomas)	Public Policy Fundamentals (James Johnson)	Cytology (Olivia Perez)	Infectious Agents (Layla Smith)
ENC-LH	General Geology (Sarah Davis)	Integrative Seminar 3 (Sophia White)	Accounting Theory (Layla Perez)	Integrative Seminar 1 (Sophia Davis)	Medieval Philosophy (Lina Davis)
FAL B 2	Research In Project Management (James Williams)		Update And Law Practice 4 (Ahmed Moore)	Basic Genetics (Ahmed Moore)	Dynamic Control Systems (Maya Wilson)
FT ENE	Models And Practice Of Attention To Health (Ahmed Moore)		Science Beyond Science (Maya Williams)		Aerospace Sciences (James Johnson)
FT/ENE		Basic Microbiology (Omar Johnson)	Work Completion Course 2 (Omar Johnson)	Computer Network (Noah Garcia)	Semiotics And Sociotechnical 2 (Noah Thompson)
GALPÃO	Commercial Law 2 (Maya Wilson)	Special Topics In Political Science 2 (Noah Taylor)	Introduction Linear Algebra (William Anderson)	Controlling (John Wilson)	Portuguese Literature - Modernism (Sarah Martin)
IML	Electronics (Sarah Taylor)	Law The General Theory Private (Ali Harris)	Databases (Fatima Johnson)	Molecular Biology (Lina Lee)	Theory And Practice Of Oral And Written Spanish 1 (Omar Johnson)
LAB M 1	Introduction Pharmaceutical Sciences (Ali Martin)		English: Written Expression 2 (Omar Williams)	Project 5 - Final Work Course (Tfc) (Fatima Moore)	Analytical Chemistry 1 (Isabella Johnson)
LAB M 3	Development Methods Software (John Harris)	Organizational Logistics (Noah Martin)	Documents Conservation And Restoration (Olivia Perez)	Transport Phenomena (Noah Martin)	History From Brazil 4 (John Harris)
LAB SS		Atom To Cell (Ahmed Perez)			Didactic Of Natural Sciences (James Williams)
SG 09	Morphological 2 (Noah Martin)	Criminal Law 1 (Noah Garcia)	Integration Of Vital Processes (Layla Smith)	Learning In Education (Omar Miller)	National Accounting (Fatima Johnson)