

Project Information		Activity Description		Status		Planning		Execution		Monitoring & Evaluation		Reporting		Other	
Project ID	Project Name	Activity ID	Activity Name	Start	End	Phase	Priority	Responsible	Resources	Progress %	Issues	Outputs	Indicators	Remarks	Notes
1	...	1.1	...	2023-01-01	2023-01-31	Planning	High	...	...	100%	...	...	...	...	...
1	...	1.2	...	2023-02-01	2023-02-28	Execution	Medium	...	...	80%	...	...	...	...	...
1	...	1.3	...	2023-03-01	2023-03-31	Monitoring & Evaluation	Low	...	...	50%	...	...	...	...	...
1	...	1.4	...	2023-04-01	2023-04-30	Reporting	Low	...	...	20%	...	...	...	...	...
1	...	1.5	...	2023-05-01	2023-05-31	Other	Low	...	...	10%	...	...	...	...	...
2	...	2.1	...	2023-06-01	2023-06-30	Planning	High	...	...	100%	...	...	...	...	...
2	...	2.2	...	2023-07-01	2023-07-31	Execution	Medium	...	...	75%	...	...	...	...	...
2	...	2.3	...	2023-08-01	2023-08-31	Monitoring & Evaluation	Low	...	...	60%	...	...	...	...	...
2	...	2.4	...	2023-09-01	2023-09-30	Reporting	Low	...	...	40%	...	...	...	...	...
2	...	2.5	...	2023-10-01	2023-10-31	Other	Low	...	...	30%	...	...	...	...	...
3	...	3.1	...	2023-11-01	2023-11-30	Planning	High	...	...	100%	...	...	...	...	...
3	...	3.2	...	2023-12-01	2023-12-31	Execution	Medium	...	...	90%	...	...	...	...	...
3	...	3.3	...	2024-01-01	2024-01-31	Monitoring & Evaluation	Low	...	...	70%	...	...	...	...	...
3	...	3.4	...	2024-02-01	2024-02-28	Reporting	Low	...	...	50%	...	...	...	...	...
3	...	3.5	...	2024-03-01	2024-03-31	Other	Low	...	...	40%	...	...	...	...	...

Project ID	Project Name	Start Date	End Date	Phase	Task ID	Task Name	Start Date	End Date	Duration	Resources	Dependencies	Notes
Project A	Project A - Phase 1	2023-01-01	2023-03-31	Phase 1	1.1	Task 1.1.1	2023-01-01	2023-01-15	15 days	Resource A	None	
					1.2	Task 1.1.2	2023-01-15	2023-02-01	17 days	Resource A	1.1.1	
					1.3	Task 1.1.3	2023-02-01	2023-03-31	70 days	Resource A	1.1.1, 1.1.2	
Project B	Project B - Phase 1	2023-04-01	2023-06-30	Phase 1	2.1	Task 2.1.1	2023-04-01	2023-04-15	15 days	Resource B	None	
					2.2	Task 2.1.2	2023-04-15	2023-05-01	17 days	Resource B	2.1.1	
					2.3	Task 2.1.3	2023-05-01	2023-06-30	70 days	Resource B	2.1.1, 2.1.2	
Project C	Project C - Phase 1	2023-07-01	2023-09-30	Phase 1	3.1	Task 3.1.1	2023-07-01	2023-07-15	15 days	Resource C	None	
					3.2	Task 3.1.2	2023-07-15	2023-08-01	17 days	Resource C	3.1.1	
					3.3	Task 3.1.3	2023-08-01	2023-09-30	70 days	Resource C	3.1.1, 3.1.2	
Project D	Project D - Phase 1	2023-10-01	2023-12-31	Phase 1	4.1	Task 4.1.1	2023-10-01	2023-10-15	15 days	Resource D	None	
					4.2	Task 4.1.2	2023-10-15	2023-11-01	17 days	Resource D	4.1.1	
					4.3	Task 4.1.3	2023-11-01	2023-12-31	70 days	Resource D	4.1.1, 4.1.2	

Module	Code	Module Title	ECTS	Prerequisites	Corequisites	Learning Objectives	Assessment Methods	Teaching Methods	Resources	Notes
Fundamental Mathematics	111	Calculus I	6	None	None	Understand the concept of a limit and the epsilon-delta definition of a limit.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Calculate derivatives and integrals of functions.				
						Apply the Mean Value Theorem and Taylor's Theorem.				
						Understand the geometric interpretation of double and triple integrals.				
Fundamental Mathematics	112	Calculus II	6	Calculus I	None	Understand the concept of a vector space and linear transformations.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Calculate the determinant and inverse of a matrix.				
						Understand the concept of a differential equation and its applications.				
						Understand the concept of a series and its convergence.				
Fundamental Mathematics	113	Probability and Statistics	6	Calculus II	None	Understand the concepts of probability and random variables.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Calculate the probability of events and the expected value of a random variable.				
						Understand the concepts of hypothesis testing and confidence intervals.				
						Understand the concepts of regression analysis and correlation.				
Fundamental Mathematics	114	Discrete Mathematics	6	Calculus II	None	Understand the concepts of sets, relations, and functions.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of induction and recursion.				
						Understand the concepts of combinatorics and graph theory.				
						Understand the concepts of logic and Boolean algebra.				
Fundamental Mathematics	115	Linear Algebra	6	Calculus II	None	Understand the concepts of vector spaces and linear transformations.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Calculate the determinant and inverse of a matrix.				
						Understand the concept of a differential equation and its applications.				
						Understand the concept of a series and its convergence.				
Fundamental Mathematics	116	Complex Analysis	6	Calculus II	None	Understand the concept of a complex function and its properties.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Calculate the residue of a function and the value of a contour integral.				
						Understand the concept of a conformal mapping and its applications.				
						Understand the concept of a series and its convergence.				
Fundamental Mathematics	117	Differential Equations	6	Calculus II	None	Understand the concept of a differential equation and its solutions.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Calculate the solution of a differential equation and its applications.				
						Understand the concept of a series and its convergence.				
						Understand the concept of a series and its convergence.				
Fundamental Mathematics	118	Topology	6	Calculus II	None	Understand the concepts of topology and continuity.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of compactness and connectedness.				
						Understand the concepts of homeomorphism and quotient topology.				
						Understand the concepts of covering spaces and fundamental groups.				
Fundamental Mathematics	119	Number Theory	6	Calculus II	None	Understand the concepts of divisibility and congruence.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of prime numbers and the distribution of primes.				
						Understand the concepts of quadratic residues and reciprocity.				
						Understand the concepts of algebraic number theory and class field theory.				
Fundamental Mathematics	120	Group Theory	6	Calculus II	None	Understand the concepts of groups and subgroups.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of homomorphisms and isomorphisms.				
						Understand the concepts of cosets and Lagrange's Theorem.				
						Understand the concepts of symmetric and alternating groups.				
Fundamental Mathematics	121	Algebra	6	Calculus II	None	Understand the concepts of rings and modules.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of ideals and quotient rings.				
						Understand the concepts of vector spaces and linear transformations.				
						Understand the concepts of polynomial rings and factorization.				
Fundamental Mathematics	122	Geometry	6	Calculus II	None	Understand the concepts of Euclidean geometry and transformations.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of projective geometry and conics.				
						Understand the concepts of differential geometry and manifolds.				
						Understand the concepts of algebraic geometry and curves.				
Fundamental Mathematics	123	Analysis	6	Calculus II	None	Understand the concepts of metric spaces and compactness.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of complete metric spaces and Banach spaces.				
						Understand the concepts of Hilbert spaces and orthogonal series.				
						Understand the concepts of Lebesgue integration and measure theory.				
Fundamental Mathematics	124	Mathematical Physics	6	Calculus II	None	Understand the concepts of vector fields and line integrals.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of surface integrals and Gauss's Theorem.				
						Understand the concepts of potential theory and harmonic functions.				
						Understand the concepts of special functions and hypergeometric series.				
Fundamental Mathematics	125	Mathematical Finance	6	Calculus II	None	Understand the concepts of probability and random walks.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of option pricing and risk management.				
						Understand the concepts of portfolio optimization and asset pricing.				
						Understand the concepts of stochastic processes and Brownian motion.				
Fundamental Mathematics	126	Mathematical Biology	6	Calculus II	None	Understand the concepts of population dynamics and Lotka-Volterra equations.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of epidemiology and SIR models.				
						Understand the concepts of neural networks and machine learning.				
						Understand the concepts of fractals and chaos theory.				
Fundamental Mathematics	127	Mathematical Economics	6	Calculus II	None	Understand the concepts of consumer choice and utility maximization.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of production functions and cost minimization.				
						Understand the concepts of general equilibrium and welfare economics.				
						Understand the concepts of dynamic programming and optimal control.				
Fundamental Mathematics	128	Mathematical Linguistics	6	Calculus II	None	Understand the concepts of formal logic and set theory.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of automata theory and formal languages.				
						Understand the concepts of computational complexity and algorithm design.				
						Understand the concepts of artificial intelligence and machine learning.				
Fundamental Mathematics	129	Mathematical Cryptography	6	Calculus II	None	Understand the concepts of modular arithmetic and RSA encryption.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of elliptic curves and digital signatures.				
						Understand the concepts of lattice-based cryptography and quantum cryptography.				
						Understand the concepts of post-quantum cryptography and secure communication.				
Fundamental Mathematics	130	Mathematical History	6	Calculus II	None	Understand the history of mathematics and the development of mathematical concepts.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the history of mathematical discovery and the role of mathematics in science.				
						Understand the history of mathematical education and the development of mathematical notation.				
						Understand the history of mathematical philosophy and the foundations of mathematics.				
Fundamental Mathematics	131	Mathematical Art	6	Calculus II	None	Understand the concepts of fractals and geometric patterns in art.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of symmetry and group theory in art.				
						Understand the concepts of perspective and projective geometry in art.				
						Understand the concepts of color theory and the mathematics of perception.				
Fundamental Mathematics	132	Mathematical Music	6	Calculus II	None	Understand the concepts of musical scales and frequency ratios.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of harmonic series and the mathematics of sound.				
						Understand the concepts of musical notation and the mathematics of rhythm.				
						Understand the concepts of musical structure and the mathematics of composition.				
Fundamental Mathematics	133	Mathematical Games	6	Calculus II	None	Understand the concepts of game theory and optimal strategies.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of combinatorial game theory and Nim games.				
						Understand the concepts of probability and the mathematics of chance.				
						Understand the concepts of recreational mathematics and mathematical puzzles.				
Fundamental Mathematics	134	Mathematical Computing	6	Calculus II	None	Understand the concepts of numerical analysis and algorithm design.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of data structures and computational complexity.				
						Understand the concepts of numerical methods and optimization algorithms.				
						Understand the concepts of mathematical modeling and simulation.				
Fundamental Mathematics	135	Mathematical Philosophy	6	Calculus II	None	Understand the philosophy of mathematics and the foundations of mathematical truth.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the concepts of mathematical logic and the limits of formalization.				
						Understand the concepts of mathematical induction and the philosophy of proof.				
						Understand the concepts of mathematical infinity and the philosophy of the continuum.				
Fundamental Mathematics	136	Mathematical Culture	6	Calculus II	None	Understand the cultural and historical context of mathematical discovery.	Exams, Assignments, Laboratory	Lectures, Seminars, Laboratory	Textbook, Online Resources	None
						Understand the cultural and historical context of mathematical education.				
						Understand the cultural and historical context of mathematical communication.				
						Understand the cultural and historical context of mathematical ethics.				

Year	Indicator	Target	Actual	Comments	Source	Year	Indicator	Target	Actual	Comments	Source	Year	Indicator	Target	Actual	Comments	Source	Year	Indicator	Target	Actual	Comments	Source
2010	... (text) ...	...	...	...	...	2010	... (text) ...	...	...	...	...	2010	... (text) ...	...	...	...	...	2010	... (text) ...	...	...	...	...
2011	... (text) ...	...	...	...	...	2011	... (text) ...	...	...	...	...	2011	... (text) ...	...	...	...	...	2011	... (text) ...	...	...	...	...
2012	... (text) ...	...	...	...	...	2012	... (text) ...	...	...	...	...	2012	... (text) ...	...	...	...	...	2012	... (text) ...	...	...	...	...
2013	... (text) ...	...	...	...	...	2013	... (text) ...	...	...	...	...	2013	... (text) ...	...	...	...	...	2013	... (text) ...	...	...	...	...
2014	... (text) ...	...	...	...	...	2014	... (text) ...	...	...	...	...	2014	... (text) ...	...	...	...	...	2014	... (text) ...	...	...	...	...
2015	... (text) ...	...	...	...	...	2015	... (text) ...	...	...	...	...	2015	... (text) ...	...	...	...	...	2015	... (text) ...	...	...	...	...
2016	... (text) ...	...	...	...	...	2016	... (text) ...	...	...	...	...	2016	... (text) ...	...	...	...	...	2016	... (text) ...	...	...	...	...
2017	... (text) ...	...	...	...	...	2017	... (text) ...	...	...	...	...	2017	... (text) ...	...	...	...	...	2017	... (text) ...	...	...	...	...
2018	... (text) ...	...	...	...	...	2018	... (text) ...	...	...	...	...	2018	... (text) ...	...	...	...	...	2018	... (text) ...	...	...	...	...
2019	... (text) ...	...	...	...	...	2019	... (text) ...	...	...	...	...	2019	... (text) ...	...	...	...	...	2019	... (text) ...	...	...	...	...
2020	... (text) ...	...	...	...	...	2020	... (text) ...	...	...	...	...	2020	... (text) ...	...	...	...	...	2020	... (text) ...	...	...	...	...

Project Description		Project Details		Financials		Risk		Compliance		Reporting		Timeline		Status		Notes	
Code	Name	ID	Type	Start	End	Budget	Actual	Level	Category	Frequency	Period	Start	End	Progress	Issues	Comments	Owner
001	Project A	001	Phase 1	2023-01-01	2023-03-31	1000000	950000	Low	Strategic	Quarterly	Q1-2023	2023-01-01	2023-03-31	95%	Minor delays	On track	John Doe
002	Project B	002	Phase 2	2023-04-01	2023-06-30	800000	820000	Medium	Operational	Monthly	Q2-2023	2023-04-01	2023-06-30	100%	Completed	On track	Jane Smith
003	Project C	003	Phase 3	2023-07-01	2023-09-30	600000	580000	High	Strategic	Quarterly	Q3-2023	2023-07-01	2023-09-30	80%	Budget overruns	At Risk	Mike Johnson
004	Project D	004	Phase 4	2023-10-01	2023-12-31	400000	410000	Low	Operational	Monthly	Q4-2023	2023-10-01	2023-12-31	90%	Minor issues	On track	Sarah Lee
005	Project E	005	Phase 5	2024-01-01	2024-03-31	200000	190000	Medium	Strategic	Quarterly	Q1-2024	2024-01-01	2024-03-31	70%	Resource constraints	At Risk	David Kim
006	Project F	006	Phase 6	2024-04-01	2024-06-30	150000	160000	Low	Operational	Monthly	Q2-2024	2024-04-01	2024-06-30	100%	Completed	On track	Emily White
007	Project G	007	Phase 7	2024-07-01	2024-09-30	100000	98000	Medium	Strategic	Quarterly	Q3-2024	2024-07-01	2024-09-30	90%	Minor delays	On track	Chris Brown
008	Project H	008	Phase 8	2024-10-01	2024-12-31	70000	72000	Low	Operational	Monthly	Q4-2024	2024-10-01	2024-12-31	80%	On track	On track	Alex Green
009	Project I	009	Phase 9	2025-01-01	2025-03-31	50000	48000	Medium	Strategic	Quarterly	Q1-2025	2025-01-01	2025-03-31	60%	On track	On track	Mia Black
010	Project J	010	Phase 10	2025-04-01	2025-06-30	30000	31000	Low	Operational	Monthly	Q2-2025	2025-04-01	2025-06-30	100%	Completed	On track	Noah Grey