

|  |  |  |
| --- | --- | --- |
| Programme of Study  Subject: A Level Further Maths  Year 12: | | |
|  | | |
|  | **Autumn 1** | |
| **Core Pure Maths:**  **Complex Numbers**  **Further Statistics 1:**  **Possion and Binomial Distributions** | |  |
|  | **Autumn 2** | |
| **Core Pure Maths:**  **Series**  **Matrices (part 1)**  **Further Statistics:**  **Discrete Probability Distributions** | |  |
|  | **Spring 1** | |
| **Core Pure Maths:**  **Matrices (part 2)**  **Linear Transformations**  **Proof**  **Further Statistics:**  **Poisson and Binomial Distributions (part 2)**  **Chi Squared Tests (i) (part 1)**  **Geometric and negative binomial distributions** | |  |
|  | **Spring 2** | |
| **Core Pure Maths:**  **Algebra and functions**  **Further Statistics:**  **The Central Limit Theorem**  **Hypothesis Testing** | |  |
|  | **Summer 1** | |
| **Further Statistics:**  **Chi Squared Tests (part 2)**  **Probability generating functions** | |  |
|  | **Summer 2** | |
| **Core Pure Maths:**  **Vectors**  **Further Statistics:**  **Quality of tests and estimators** | |  |