

## M339D: Topics for In-Term Three

☐ The normal distribution.

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☐ The normal approximation to the binomial.

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☐ Realized returns.

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☐ The log-normal distribution.

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☐ Log-normal stock prices: mean and median.

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☐ Log-normal stock prices: Tail probabilities.

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☐ Log-normal stock prices: Partial expectation.

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☐ The Black-Scholes pricing formula: Calls and puts.

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☐ Forward-start options. Rolling insurance strategy.

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