

Handbook for Academic Year 2016–2017

Department of Mathematics, BGU

September 29, 2022

A Advanced Undergraduate courses in Academic Year 2016–2017

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Degree Requirements Summary

Degree Requirement

Total Credits

Degrees – Single Degree

Degrees – Dual Degree

Degrees – Double Degree

Degrees – Special Program

Appendix A

Advanced Undergraduate courses in Academic Year 2016–2017

Fall term

- *Algebraic Structures*, Dr. Ishai Dan-Cohen
- *Infinitesimal Calculus 3*
- *Ordinary Differential Equations*, Prof. Victor Vinnikov
- *Fundamentals of Measure Theory*, Prof. Tom Meyerovitch
- *Logic*, Prof. Assaf Hasson
- *Graph Theory*, Prof. Shakhar Smorodinsky
- *Probability*, Prof. Ariel Yadin
- *Theory of Numbers*, Prof. Eitan Sayag

Spring term

- *Fourier Analysis*, Prof. Ariel Yadin
- *Field Theory and Galois Theory*, Prof. Ilya Tyomkin
- *Introduction to Topology*, Dr. Izhar Oppenheim

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- *Theory of Functions of a Complex Variable*, Prof. Arkady Poliakovsky
- *Differential Geometry*, Dr. Michael Brandenbursky
- *Introduction to Singularity Theory*, Prof. Dmitry Kerner
- *Classical Set Theory*, Prof. Menachem Kojman