Information on Coursework
Yanshu Wang

Area of interest: Number Theory, Arithmetic Geometry

Nankai University (working towards B.S.):

Couse Number	Course Title	Textbook & Author	Instructor	Grade
MATH0130	Mathematical Analysis I (Undergraduate)	*Mathematical Analysis (Chinese Edition)* LIU CHUN GEN, ZHU SHAO HONG, LI JUN, DENG BIAN	Jun Li	100
MATH0083	Advanced Algebra and Analytic Geometry 2-1 (Linear Algebra) (Undergraduate)	*Advanced Algebra (5th Edition)* Pre-Algebra Group of the Department of Mathematics at Peking University, Efang Wang, Shengming Shi	Huang Libing, Shaoqiang Deng	100
MATH0068	Computers, Set Theory and Logic (Undergraduate)	*Fundamentals of Mathematical Logic* — Peter G. Hinman *Set Theory* — Thomas Jech	Jun Li	91
MATH 0133	Mathematical Analysis II (Undergraduate)	*Mathematical Analysis (Chinese Edition)* LIU CHUN GEN, ZHU SHAO HONG, LI JUN, DENG BIAN	Huagui Duan	97
MATH0078	Advanced Algebra and Analytic Geometry 2-2 (Linear Algebra) (Undergraduate)	*Advanced Algebra (5th Edition)* Pre-Algebra Group of the Department of Mathematics at Peking University, Efang Wang, Shengming Shi	Libing Huang	92
MATH0097	Ordinary Differential Equations (Undergraduate)	*Ordinary Differential Equations (Chinese Edition)* ZHOU ZHI MING, ZHU SI MING, WANG SHOU SONG, WANG GAO XIONG	Yuhua Sun	96
MATH0147	Complex Analysis II (Undergraduate)	*Complex Analysis (Chinese Edition)* Xingwei Zhou, Zhenqiu Zhang, Xianfeng Wang	Jiaxiang Wang	Passed
MATH0132	Abstract Algebra I (Undergraduate)	*Abstract Algebra* — Fuhai Zhu, Shaoqiang Deng	Binbin Xu	88

Course Number	Course Title	Textbook & Author	Instructor	Grade
MATH0145	Complex Analysis (Undergraduate)	*Complex Analysis (Chinese Edition)* Xingwei Zhou, Zhenqiu Zhang, Xianfeng Wang	Jiaxiang Wang	97
MATH0146	Mathematical Analysis III (Undergraduate)	*Mathematical Analysis (Chinese Edition)* LIU CHUN GEN, ZHU SHAO HONG, LI JUN, DENG BIAN	Xiao Yao	98
MATH0134	Abstract Algebra II (Undergraduate)	*Abstract Algebra* — Fuhai Zhu, Shaoqiang Deng	Binbin Xu	95
MATH0055	Number Theory (Undergraduate)	*Algebraic Number Theory (Course Notes, Math 8803, Georgia Tech)* — Matthew Baker	Huixi Li	92
MATH0065	Probability Theory (Undergraduate)	*Probability Theory (Chinese Edition)* — Zhenming Yang	Lihua Bai	85
MATH0097	General Topology (Undergraduate)	*General Topology Foundation (Chinese Edition)* — Zhang De Xue	Su Gao	84
*MATH0102	Commutative Algebra (Graduate)	*Commutative Algebra: With a View Toward Algebraic Geometry* — David Eisenbud *Introduction to Commutative Algebra* — Atiyah & MacDonald	Shizhuo Yu	97
MATH0136	Galois Theory (Undergraduate)	Internal Handouts — Binbin Xu	Binbin Xu	96
MATH0151	Real Analysis (Undergraduate)	*Real Analysis (Chinese Edition)* — Xingwei Zhou	Yongxi Gao	81
*MATH0162	Lie Groups and Algebraic Groups (Graduate)	*Linear Algebraic Groups* — T.A. Springer	Ning Li	90
MATH0051	Functional Analysis (Undergraduate)	Internal Handouts — Lei Li	Lei Li	93
MATH0021	Stochastic Process (Undergraduate)	*Probability: Theory and Examples (Version 5)* — Rick Durrett	Chunhua Ma	80

Course Number	Course Title	Textbook & Author	Instructor	Grade
MATH0105	Financial Option (Under-graduate)	*Derivatives: An Introduction (Chinese Edition)* - Robert A. Strong *Derivatives: Markets, Valuation, Risk Management (Chinese Edition)* - Robert E. Whaley *Financial Derivatives Pricing Model (Chinese Edition)* - Jian Sun	Yiming Jiang	90
MATH0108	Partial Differential Equation (Undergraduate)	*Generalized Functions and Mathematical Physics Equations (2nd Ed.)* — Minyou Qi, Fangtong Wu	Yawei Wei	76
MATH0153	Algebraic Methods in Combinatorics (Under-graduate)	*Enumerative Combinatorics 2* — Richard P. Stanley *Algebraic Combinatorics* — R.P. Stanley *Symmetric Functions and Hall Polynomials* — Ian G. Macdonald *Young Tableaux* — William Fulton	Xingwei Wang, Zaiping Lu, Libo Yang	On Going

Temple University (Incoming Exchange Student, No Degree B.S. Level):

Couse Number	Course Title	Textbook & Author	Instructor	Grade
MATH8051	Functions of a Complex Variable I (Graduate, Temple University)	*Introduction to Complex Analysis* — Michael E. Taylor	Irina Mitrea	A
MATH 4082	Senior Year Individual Study (Undergraduate, Temple University)	*Galois Groups and Fundamental Groups* — Tamás Szamuely Various papers	Vasily Dolgushev	A
MATH 9100	Topics in Algebra (Graduate, Temple University)	*Braid Groups* — Christian Kassel, Vladimir Turaev	David Futer	A-

Math GPA(Nankai University):3.8
Math GPA(Temple University):3.9
Math GPA(Undergraduate):3.81