## Mathematik

Master of Education / Mast

**Prüfungs-berechtigungen**

Juli 2018

| Lehrende | **mat320** Mathematische Modellierung | **mat420** Anwendersysteme | **mat425** Didaktik der Algebra und Geometrie | **mat430** Vertiefung Mathematikdidaktik I | **mat435** Didaktik der Analysis und Stochastik | **mat440** Vertiefung in einem mathematischen Gebiet I (nicht Mathematikdidaktik) | **mat445** Vertiefung in einem mathematischen Gebiet II (nicht Mathematikdidaktik) | **mat450** Vertiefung Mathematikdidaktik II | **mat455** Entstehung mathematischer Erkenntnis beim Forschen und Lehren | **mat460** Seminar | **mat470** Fachdidaktisches Seminar | **biw530** und **biw550** Fachpraktikum Mathematik | **biw535** Forschungs- und Entwicklungspraktikum | **mat510** Fourieranalysis | **mat515** Funktionalanalysis II | **mat525** Nichtlinere Funktionalanalysis | **mat530** Topologie (alt: Einführung in die Topologie) | **mat535** Globale Analysis I | **mat536** Globale Analysis II | **mat538** Singuläre Analysis | **mat540** Differentialgeometrie | **mat542** Komplexe Geometrie | **mat543** Spezielle Themen der Geometrie | **mat545** Funktionentheorie II | **mat550** Spektraltheorie von Differentialoperatoren | **mat555** Elementare Methoden der partiellen Differentialgleichungen | **mat560** Theorie der partiellen Differentialgleichungen | **mat565** Nichtlineare partielle Differentialgleichungen | **mat570** Dynamische Systeme | **mat575** Modellierung mit partiellen Differentialgleichungen | **mat579** Spezielle Themen der Analysis | **mat595** Numerik partieller Differentialgleichungen | **mat597** Numerische Methoden für partielle Differentialgleichungen mit Unsicherheiten | **mat599** Spezielle Themen der Numerik | **mat605** Hauptseminar zur Analysis | **mat610** Hauptseminar zur Mathematischen Modellierung | **mat615** Hauptseminar zur Numerik | **mat705** Algebraische Zahlentheorie | **mat710** Algorithmische Zahlentheorie (alt: Algorithmische Zahlentheorie u. Computeralgebra) | **mat715** Algebraische Kurven und Funktionen | **mat720** Elliptische Kurven | **mat725** Arithmetische Dualität | **mat730** Codierungstheorie | **mat735** Komplexe Multiplikation | **mat740** Mathematische Kryptologie |
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| Chernov, Alexey, Prof. Dr. | | | | | | x | x | | | x | | | | | | | | | | | | | | | | | | | | | x | x | x | | | x | | | | | | | | |
| Christiansen, Marcus C., Prof. Dr. | | | | | | x | x | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Defant, Andreas, apl Prof. Dr. | | | | | | x | x | | | x | | | | x | x | x | x | x | x | | x | | | x | x | x | x | | | x | | | | x | | | | | | | | | | |
| Dubischar, Daniel, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fischer, Astrid, Dr. | | | x | x | x | | | x | x | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grieser, Daniel, Prof. Dr. | | | | | | x | x | | | x | | | | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | | | | x | | | | | | | | | | |
| Grieshop, Gabriele, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harmand, Peter, Dr. | x | x | | | | | | | | x | | | | | | | | x | | | | | | | | | | | | | x | | | | | | | | | | | | | | |
| Heß, Florian, Prof. Dr. | | | | | | x | x | | | x | | | | | | | | x | | | | | | | | | | | | | | | | | | | | | | | | | x | x | x | x | x | x | x |
| Kilicer, Pinar, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | | | | | |
| Köhne, Harmut | | | x | x | x | | | x | x | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Körner, Henning | | x | | | | | | | x | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Krug, Peter, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marxen, Tobias, Dr. | | | | | | | | | | | | | | | | | | | | | | | | x | x | | | | | | | | | | | | x | | | | | | | | | |
| May, Angelika, Prof. Dr. | | | | | | x | x | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roskam, Marieke | | | | | | | | | x | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ruckdeschel, Peter, Prof. Dr. | | | | | | x | x | | | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schlüters, Sunke, Dr. | | | | | | | | | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schöpfer, Frank, Dr. | | x | | | | x | x | | | x | | | | | | | | | | | | | | | | | | | | | x | | x | | | x | | | | | | | | | |
| Schwarzkopf, Ralph, Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shestakov, Ivan, Dr. | | | | | | x | x | | | x | | | | | | x | x | x | x | | x | | x | x | x | x | x | x | x | | x | | | | | | | | | | | | | |
| Specht, Birte, Dr. | | | x | x | x | | | x | x | | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stein Andreas, Prof. Dr. | | | | | | x | x | | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stein, Sandra, Dr. | | | | | | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uecker, Hannes, Prof. Dr. | x | x | | | | x | x | | | x | | | | x | x | x | x | x | x | | x | | | x | x | x | x | x | x | x | x | | | | x | x | x | | | | | | | | |
| Vertman, Boris, Prof. Dr. | | | | | | x | x | | | x | | | | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | | | | x | | | | | | | | | | |

## Mathematik

### Prüfungs-berechtigungen

Juli 2018

| Lehrende | mat745 Modulformen | mat750 Kommutative Algebra | mat755 Themen der algebraischen Geometrie | mat760 Spezielle Themen der Zahlentheorie (alt: Spezielle Themen der algebraischen Zahlentheorie) | mat765 Computeralgebra (alt: Spezielle Themen der Computeralgebra) | mat770 Hauptseminar in Algebra und Zahlentheorie | mat775 Analytische Zahlentheorie | mat779 Spezielle Themen der Algebra | mat805 Versicherungsmathematik I (alt: Risikotheorie) | mat806 Versicherungsmathematik II | mat810 Qualitative Risk Management | mat811 Quantitative Risikoanalyse | mat815 Entscheidung unter Risiko | mat816 Stochastik II | mat820 Stochastische Analysis und zeitstetige Finanzmathematik | mat825 Stochastic Processes and Finance | mat826 Finanzstatistik | mat830 Lineare Modelle/Regression | mat835 Generalisierte Regression | mat837 Extremwertstatistik und Anwendungen | mat839 Zeitreihenanalyse bzw. Zustandsmodelle | mat840 Monte Carlo Methoden | mat843 Elemente Multivariater Statistik | mat845 Räumliche Statistik | mat847 Elemente Explorativer Datenanalyse, Robuster Statistik und Diagnostik | mat849 Statistische Algorithmen | mat850 Asset Liability Management | mat855 Stochastische Finanzmathematik | mat857 Stochastische Finanzmarktmodelle | mat860 Vertiefung zur stochastischen Modellierung | mat865 Vertiefung zur Statistik | mat870 Hauptseminar in Statistik | mat875 Hauptseminar in Versicherungsmathematik/Stochastik | mat880 Hauptseminar in Finanzmathematik | mat905 Spezielle Themen der Mathematik | PB Professionalisierung (Tutorentätigkeit) | MAM Master of Education (Gym, WiPad) (Masterarbeitsmodul (Didaktik) | MAM Master of Education (Gym, WiPad) (Masterarbeitsmodul (Fach) | MAM Masterarbeitsmodul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chernov, Alexey, Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Christiansen, Marcus C., Prof. Dr. | | | | | | | | | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Defant, Andreas, apl Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Dubischar, Daniel, Dr. | | | | | | | | | | | x | x | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fischer, Astrid, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | | |
| Grieser, Daniel, Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Grieshop, Gabriele, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | |
| Harmand, Peter, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | x | x |
| Heß, Florian, Prof. Dr. | x | x | x | x | x | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Kilicer, Pinar, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Köhne, Harmut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | |
| Körner, Henning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Krug, Peter, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Marxen, Tobias, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May, Angelika, Prof. Dr. | | | | | | | | | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | x |
| Roskam, Marieke | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | |
| Ruckdeschel, Peter, Prof. Dr. | | | | | | | | | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | | x | x |
| Schlüters, Sunke, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | |
| Schöpfer, Frank, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | x | x |
| Schwarzkopf, Ralph, Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Shestakov, Ivan, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Specht, Birte, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | | |
| Stein Andreas, Prof. Dr. | x | x | x | x | x | x | x | x | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Stein, Sandra, Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | |
| Uecker, Hannes, Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |
| Vertman, Boris, Prof. Dr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | x | x | | x | x |