

Verwendbarkeit der Mathematik-Veranstaltungen im Wintersemester 2020/21

| Veranstaltung Studengang und Modul | B. S. c. . | | | | | | M. S. c. . | | | | | | M. E. d. . | | | | | | G. y. m. P. O. H. f. | | | | | | | | |
|---|----------------------|------------|------------------|-----------------------|--------------------|-------------|--------------|-------------------|------------|------------------|---------------|-------------|----------------------|------------|--------------|----------------|---------------|----------------------|----------------------|------------------------|----------------------|----------------------|------------|---------|------------------|---------------------|---|
| | Pflichtveranstaltung | Proseminar | Bachelor-Seminar | Wahlpflicht 4-stündig | Wahlpflicht andere | Wahlbereich | Reine Mathe. | Angewandte Mathe. | Mathematik | Vertiefungsmodul | Seminar A / B | Wahlbereich | Pflichtveranstaltung | Proseminar | Prakt. Übung | Lehramtsoption | andere Option | Pflichtveranstaltung | Math. Ergänzung | Math. Vert./Wiss.-Arb. | Fachdid. Entwicklung | Pflichtveranstaltung | Proseminar | Seminar | Math. Vertiefung | Fachdidaktikseminar | |
| Algebraische Gruppen | | | | | | | ● | | ● | | ⑨ | | | | | | | ● | | | | | | | | | |
| Algebra und Zahlentheorie | | | | ● | | | ● | | | | ⑨ | | ● | | | | | ● | | | | | | | | | |
| Analysis I | ● | | | | | | | | | | | | ● | | | | | ● | | | | | | | | | |
| Analysis III | ● | | | | | | | | | | | | ● | | | | | ● | | | | | | | | | |
| Coxeter Groups and Lie Algebras | | | | | | | ● | | | | ⑨ | | | | | | | | | | | | | | ● | | |
| Didaktik der Funktionen und der Analysis | | | | | | ● | | | | | | | | | | | | ● | | | | | | | (als Ersatz) | | |
| Didaktik der Stochastik und der Algebra | | | | | | ● | | | | | | | | | | | | ● | | | | | | | (als Ersatz) | | |
| Differentialgeometrie I | | | | | | ● | | | | | ⑨ | | | | | | | | | | | | | | | | |
| Einführung in die Fachdidaktik der Mathematik | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Einführung in partielle Differentialgleichungen | | | | | | ● | | | | | ⑨ | | | | | | | | | | | | | | | | |
| Einführung in Theorie und Numerik part. Differentialgl. | | | | | | ● | | | | | ⑨ | | | | | | | | | | | | | | | | |
| Erweiterung der Analysis | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| Fachdidaktikseminare | | | | | | ④ | | | | | | | | | | | | | | | | | | | | | ● |
| Futures and Options | | | | | | ⑥ | | | | | ⑥ | | | | | | | | | | | | | | | | ● |
| Geometric Data Science | | | | | | ⑥ | | | | | ⑥ | | | | | | | | | | | | | | | | ● |
| Lineare Algebra I | ● | | | | | | ● | | | | | | ● | | | | | | | | | | | | | | |
| Mathematische Statistik | | | | | | | ● | | | | ⑨ | | | | | | | | | | | | | | | | |
| Mengenlehre – Unabhängigkeitsbeweise | | | | | | | ● | | | | ⑨ | | | | | | | | | | | | | | | | |
| Nichtlineare Funktionalanalysis | | | | | | | ● | | | | ⑨ | | | | | | | | | | | | | | | | |
| Numerical Optimization (mit Projekt) | | | | | | | ● | | | | ⑨ | | | | | | | | | | | | | | | | |
| Numerical Optimization (ohne Projekt) | | | | | | | ● | | | | ⑥ | | | | | | | | | | | | | | | | |
| Numerik (zweisemestrig) | ● | | | | | | | | | | ③ | | | | | | | | | | | | | | | | ● |
| Praktische Übung zu „Einführung in Theorie und ...“ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Praktische Übung zu „Numerik“ (zweisemestrig) | ● | | | | | | | | | | ③ | | | | | | | | | | | | | | | | ● |
| Praktische Übung zu „Stochastik“ | ● | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| Proseminare | | ● | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| Seminare | | ○ | | | | | | | | | ⑥ | | | | | | | | | | | | | | | | ○ |
| Stochastic Machine Learning | | | | | | | | | | | ⑨ | | | | | | | | | | | | | | | | ○ |
| Stochastik (zweisemestrig) | ● | | | | | | | | | | | | | | | | | | | | | | | | | | ● |
| Stochastische Prozesse | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The Analytic Subgroup theorem | | | | | | | | | | | ⑨ | | | | | | | | | | | | | | | | ○ |
| Wahrscheinlichkeitstheorie | | | | | | | ● | | | | ⑨ | | | | | | | | | | | | | | | | ○ |
| Wissenschaftliches Arbeiten | | | | | | | | | | | ⑨ | | | | | | | | | | | | | | | | ● |

● Pflicht oder typisch ○ etc. quad nur Teil des Moduls (MSc: nur nach Absprache) ○ möglich (Vorkenntnisse beachten!) Zahl: ECTS-Punkte