### MATH 408 B: Nonlinear Optimization

**Meeting Time:** MWF 10:30am - 11:20am

**Location:** CDH 139

**SLN:** 22000

**Joint Sections:** 2018,winter,MATH,408,A

**Instructor:**

Dmitriy Drusvyatskiy

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#### Catalog Description:

Maximization and minimization of nonlinear functions, constrained and unconstrained; nonlinear programming problems and methods. Lagrange multipliers; Kuhn-Tucker conditions, convexity. Quadratic programming. Prerequisite: minimum grade of 2.0 in MATH 407 or MATH 464; minimum grade of 2.0 in either MATH 327 or MATH 334. Offered: W.

**GE Requirements:**

Natural World (NW)

**Credits:** 3.0

**Status:** Active

**Last updated:** January 10, 2018 - 10:52pm

Department of Mathematics

University of Washington