



# HÖGSKOLAN I GÄVLE

## Algorithms and Datastructures for Geographical Information Technology 7.5 cr

Algoritmer och datastrukturer för geografisk informationsteknik 7,5 hp

### Version

Valid from	Valid to
2/19/14	-

### Course identifier

DVG307

### Course Literature

Burrough, P.A. och McDonnell, R.A. (senaste upplagan). *Principles of geographical information systems*. Clarendon Press.

Weiss, Mark A. (senaste upplagan). *Data Structures and Problem Solving using Java*. Addison-Wesley.

### Reference Literatur

Mark de Berg et al. (senaste upplagan). *Computational Geometry: Algorithms and Applications*. Springer.

Sedgewick, Robert (senaste upplagan). *Algorithms in Java. Part 5, Graph algorithms*. Addison-Wesley.

Sedgewick, Robert (senaste upplagan). *Algorithms in Java. Parts 1-4, Fundamentals, data structures, sorting, searching*. Addison-Wesley.