Faculty of Health, Science and Technology
Computer Science

Course Reading

Internet's Domain Name System

Valid from 01/19/2026

Course Code:	DVGC28
Course Title:	Internet's Domain Name System
Credits:	7.5
Degree Level:	Undergraduate level

Books

Cricket Liu, Paul Albitz (2006). *DNS & BIND* (5 ed.). O'Reilly & Associates

Lucas, Michael W. (2021). *DNSSEC Mastery* (2:a upplagan). Tilted Windmill Press

Web resources

RFC 1035 (1987). Domain Names - Implementation And Specification. https://datatracker.ietf.org/doc/html/rfc1035

RFC 1995 (1996). Incremental Zone Transfer in DNS. https://www.rfc-editor.org/info/rfc1995

RFC 2308 (1998). Negative Caching of DNS Queries (DNS NCACHE). https://www.rfc-editor.org/info/rfc2308

RFC 4033 (2005). DNS Security Introduction and Requirements. https://www.rfc-editor.org/info/rfc4033

RFC 4034 (2005). Resource Records for the DNS Security Extensions. https://www.rfc-editor.org/info/rfc4034

RFC 5155 (2008). DNS Security (DNSSEC) Hashed Authenticated Denial of Existence. https://www.rfc-editor.org/info/rfc5155

RFC 5890 (2010). , Internationalized Domain Names for Applications (IDNA): Definitions and Document Framework. https://tools.ietf.org/html/rfc5890

Wikipedia (2022). Anycast. https://en.wikipedia.org/wiki/Anycast

Wikipedia (2022). DNS over HTTPS. https://en.wikipedia.org/wiki/DNS_over_HTTPS

Wikipedia (2022). DNS over TLS. https://en.wikipedia.org/wiki/DNS_over_TLS

Wikipedia (2022). Unicode. https://en.wikipedia.org/wiki/Unicode

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Approved by the Faculty Board of Health, Science and Technology 09/18/2025