

# Honors:Computer Science (ZCS)

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**ZCS-300. Hnrs:Client Side Web Devlpmt. 3 Hours.**

See course description for CS-300. Contains further components required of Honors Program Students.

**ZCS-304. Honors: Data Structures. 3 Hours.**

See course description for CS-304. Contains further components required of Honors Program Students.

**Prerequisite:** CS-207 with a minimum grade of C.

**ZCS-308. Honors: Operating Systems. 3 Hours.**

See course description for CS-308. Contains further components required of Honors Program students.

**Prerequisite:** CS-207 with a minimum grade of C and CS-301 with a minimum grade of C.

**ZCS-315. Honors: Modern Database Management. 3 Hours.**

See course description for CS-315. Contains further components required of Honors Program students.

**Prerequisite:** CS-207 with a minimum grade of C.

**ZCS-319. Honors: Writing Intensive Program: Fundamentals Of Software Engineering. 3 Hours.**

See course description for CS-319. Contains further components required of Honors Program students.

**Prerequisite:** CS-207 with a minimum grade of C and ENGL-101 with a minimum grade of C.

**ZCS-321. Honors: Server Side Web Development. 3 Hours.**

See course description for CS-321. Contains further components required of Honors Program students.

**Prerequisite:** CS-2047 with a minimum grade of C and CS-300 with a minimum grade of C.

**ZCS-323. Honors: Cyberlaw. 3 Hours.**

See course description for CS-323. Contains further components required of Honors Program students.

**ZCS-324. Honors: Introduction To Design Of Algorithms. 3 Hours.**

See course description for CS-324. Contains further components required of Honors Program students.

**Prerequisite:** CS-201 with a minimum grade of C and CS-204 with a minimum grade of C.

**ZCS-325. Honors: Theory Of Computation. 3 Hours.**

See course description for CS-325. Contains further components required of the Honors Program students.

**Prerequisite:** (CS-201 with a minimum grade of C or CS-400 with a minimum grade of C) and CS-304 with a minimum grade of C.

**ZCS-327. Honors: Computational Methods In Biology. 3 Hours.**

See course description for CS-327. Contains further components required of Honors Program students.

**Prerequisite:** (CS-201 with a minimum grade of C or MATH-251 with a minimum grade of C) and (BIO-100 with a minimum grade of C or BIO-201 with a minimum grade of C) and CS-200 with a minimum grade of C.

**ZCS-331. Honors: Computer Networks. 3 Hours.**

See course description for CS-331. Contains further components required of Honors Program Students.

**Prerequisite:** CS-207 with a minimum grade of C or CS-406 with a minimum grade of C.

**ZCS-334. Honors: Open Source Systems. 3 Hours.**

See course description for CS-334. Contains further components required for Honors Program students.

**Prerequisite:** CS-308 with a minimum grade of C.

**ZCS-335. Honors: Artificial Intelligence. 3 Hours.**

See course description for CS-335. Contains further components required of Honors Program students.

**Prerequisite:** CS-304 with a minimum grade of C or CS-407 with a minimum grade of C or (CS-400 with a minimum grade of C and CS-404 with a minimum grade of C).

**ZCS-339. Honors: Fundamentals Of Information Technology Project Management. 3 Hours.**

See course description for CS-339. Contains further components required of Honors Program students.

**Prerequisite:** CS-207 with a minimum grade of C.

**ZCS-342. Honors: Introduction To Human Computer Interaction. 3 Hours.**

See course description for CS-342. Contains further components required of Honors Program students.

**ZCS-343. Honors: Introduction To Natural Language Processing. 3 Hours.**

See course description for CS-343. Contains further components required of Honors Program students.

**Prerequisite:** CS-304 with a minimum grade of C.

**ZCS-347. Honors: Mobile Application Development. 3 Hours.**

See course description for CS-347. Contains further components required of Honors Program students.

**Prerequisite:** CS-207 with a minimum grade of C and CS-300 with a minimum grade of C.

**ZCS-348. Honors: Computer Ethics & Public Policy. 3 Hours.**

See course description for CS-348. Contains further components required of Honors Program students.

**ZCS-349. Honors: Introduction To The Internet Of Things. 3 Hours.**

See course description for CS-349. Contains further components required of Honors Program students.

**Prerequisite:** CS-200 with a minimum grade of C and CS-331 with a minimum grade of C.

**ZCS-355. Honors: Cryptography. 3 Hours.**

See course description for CS-355. Contains further components required for Honors Program Students.

**Prerequisite:** CS-324 with a minimum grade of C.

**ZCS-360. Honors: CyberSecurity. 3 Hours.**

See course description for CS-360. Contains further components required for Honors Program students.

**Prerequisite:** CS-308 with a minimum grade of C.

**ZCS-362. Honors: Digital Forensics. 3 Hours.**

See course description for CS-362. Contains further components required of Honors Program students.

**Prerequisite:** CS-207 with a minimum grade of C and CS-260 with a minimum grade of C.

**ZCS-390. Honors: Supervised Field Study I. 3 Hours.**

**ZCS-415. Honors: Design Of Data Base Systems. 3 Hours.**

See course description for CS-415. Contains further components required of Honors Program students.

**Prerequisite:** CS-400 with a minimum grade of C and CS-404 with a minimum grade of C.

**ZCS-422. Honors: Introduction To Data Mining. 3 Hours.**

See course description for CS-422. Contains further components required of Honors Program students.

**Prerequisite:** CS-400 with a minimum grade of C and CS-404 with a minimum grade of C.