

**Course options for Associate in Science
degree requirements**

Use the courses listed below to fill in the category requirements on the other side of this sheet. Complete course descriptions and course credit hours are provided in the KCTCS Catalog.

**CATEGORY I: KCTCS GENERAL EDUCATION/CORE
TRANSFER COMPONENT (33 HOURS)**

A. General Education Areas

Writing (6): ENG 101, ENG 102, ENG 105

Oral Communication (3): COM 181, COM 252, COM 281, COM 287

Heritage (3): FLK 276¹, HIS 101, HIS 102, HIS 104, HIS 105, HIS 106, HIS 107, HIS 108, HIS 109, HIS 120, HIS 202, HIS 203, HIS 206, HIS 207, HIS 240, HIS 247, HIS 248, HIS 254, HIS 260, HIS 261, HIS 265, HIS 270, HIS 271, HIS 295, HIS 296

Humanities (3): AH 104, A-H 105, A-H 106, ANT/RS 130², ART 100, CLA 135, ENG 161, ENG 221, ENG 222, ENG 230, ENG 231, ENG 232, ENG 251, ENG 252, ENG 261, ENG 262, ENG 264, ENG 270, ENG 271, ENG 281, ENG 282, FLK 276¹, GE 170, HON 101, HON 102, HON 201, HON 202, HRS 101, HRS 102, HRS 201, HRS 202, HUM 120, HUM 121, HUM 135², HUM 150, HUM 202², HUM 203², HUM 204², HUM 210, HUM 212, HUM 213, HUM 230, HUM 250, HUM 251, MU 101, MUS 100, MUS 104, MUS 201, MUS 202, MUS 206, MUS 207, MUS 208, MUS 220, MUS 222, PHI 100, PHI 120, PHI 130, PHI 140, PHI 260, PHI 270, PHL 110, PHL 120, RS 101, RS 120, RS 121, RS/ANT 130², TA 101, TA 200, TA 283, WS 201

Social Interaction (9): ANT 101, ANT 121, ANT/RS 130², ANT 160, ANT 220, ANT 221, ANT 235, ANT 241, ANT 242, COM 101, COM/SOC 249, COM 254, ECO 101, ECO 201, ECO 202, FAM 252, FAM 253, FLK 280, GE 140, GEO 152, GEO 160, GEO 172, GEO 210, GEO 240, GEO 256, GEN 101, HUM 135², HUM 202², HUM 203², HUM 204², HUM 221, PS 101, PS 210, PS 212, PS 235, PS 255, PS 271, PSY 100, PSY 223, PY 110, PY 180, PY 185, PY 230, PY 297, RAE 120, RS/ANT 130², SOC 101, SOC 151, SOC 152, SOC 220, SOC 235, SOC/COM 249, SOC 260, SPA 115, SWK 275, WS 200

Science (6): ANA 209, AST 101, AST 191, AST 192, AST 195L, BIO 112, BIO 113L, BIO 114, BIO 115L, BIO 116, BIO 117L, BIO 118, BIO 120, BIO 121L, BIO 122, BIO 124, BIO 130, BIO 135L, BIO 137L, BIO 139L, BIO 140, BIO 141L, BIO 142, BIO 143L, BIO 144, BIO 150, BIO 151L, BIO 152, BIO 153L, BIO 204, BIO 225L, BIO 226, BIO 227L, BSL 214L, BSL 244, BSL 246, BSL 247, CHE 120, CHE 125L, CHE 130, CHE 140 (CHE 104), CHE 145L (CHM 104), CHE 150 (CHE 106), CHE 155L(CHM106), CHE 170(CHE 105), CHE 175L (CHM 105), CHE 180(CHE 107), CHE 185L(CHM 107), CHE 220, CHE 270(CHE 230), CHE 275L(CHE231L), CHE 280(CHE232), CHE 285L(CHE 233L), EST 150, EST 160, GEO 130, GEO 251, GLY 101, GLY 102, GLY 110, GLY 111L, GLY 112L, GLY 130, GLY 220L, PGY 206, PH 161L, PH 162L, PH 171, PH 172, PH 217L, PHY 151, PHY 152, PHY 160L, PHY 171, PHY 201, PHY 203, PHY 211L, PHY 213L, PHY 231, PHY 232, PHY 241L, PHY 242L, SCI 100, SCI 295

Mathematics (3): MA 109, MA 110, MA 111, MA 112, MA 113, MA 114, MA 123, MA 162, MA 201, MA 202, MA 213, MA 214, MA 241, MT 145(AA only), MT 150, MT 155, MT 160, MT 165, MT 170, MT 175, MT 185, MT 275, MT 285

**CATEGORY II: ADDITIONAL GENERAL EDUCATION
REQUIREMENTS (15 HOURS)**

A. Science or Mathematics (9): See Natural Sciences, Math in Category I. Plus ST 290, ST 291, STA 200, STA 291

**B. Computer Literacy and General Education courses (6):
Computer Literacy:** CIS 100, CIT 105, OST 105

C. General Education: See courses listed in above categories. The following foreign language courses may also be used: ASL/SED 101, ASL/SED 102, ASL/SED 201, ASL/SED 202, CLA 101, CLA 102, CLA 201, CLA 202, FR 101, FR 102, FR 201, FR 202, GER 101, GER 102, GER 201, GER 202, JPN 101, JPN 102, RAE 150, RAE 151, SED/ASL 101, SED/ASL 102, SED/ASL 203, SED/ASL 204, SPA 101, SPA 102, SPA 201, SPA 202

**CATEGORY III: OTHER DEGREE REQUIREMENTS/ELECTIVES
(12 HOURS)**

A. Electives (12): Students are advised to choose hours to satisfy additional general education and pre-major requirements at the institution to which they are transferring.

Focus Areas for the Associate in Science degree

Allied Health: Choose at least nine hours from ANA 209, CHE 170 (CHE 105), CHE 175L (CHM 105L), CHE 180 (CHE 107), CHE 185 (CHM 107L), BIO 150, BIO 151L, BIO 152, BIO 153L, BIO 226, BIO 209L, BIO 137L, BIO 139L, BSL 214L, PGY 206, PHY 211L, PHY 213L; choose an additional 12 hours from any of the sciences above or the following: CLA 131, MA 112, MA 123, PSY 100, PSY 223, STA 200, STA 291, SOC 101

Chemistry: CHE 170 (CHE 105), CHE 175 (CHM 105L), CHE 180 (CHE 107), CHE 185L (CHM 107L), CHE 270 (CHE 230); choose one from CHE 175L (CHE 231L), CHE 220, CHE 280 (CHE 232), CHE 285L (CHE 233L), MA 113, MA 114, PHY 211L, PHY 213L, PHY 231 & PHY 241L, PHY 232 & PHY 242L

Computer Science: CS 115, CS 215, CS 216, MA 113, MA 114 or PHY 231 & PHY 241L

Mathematics: MA 113, MA 114, MA 213, MA 214, CS 115

Natural Sciences: Choose a minimum of 21 hours from BIO 150, BIO 151L, BIO 152, BIO 153L, CHE 170 (CHE 105), CHE 175L (CHM 105L), CHE 180 (CHE 107), CHE 185L (CHM 107L), CHE 270 (CHE 230), CHE 280 (CHE 232), MA 113, MA 123, PHY 211L, PHY 213L

Pre-Education: EDP 202, PSY 100 or PY 110, MA 123 or STA 200, MA 201, PHY 160

Pre-Engineering: MA 113, MA 114, MA 213, PHY 231, PHY 241, CHE 170 (CHE 105) or PHY 232

NOTES:

- *Italicized* courses connote course approved for Cultural Studies.
- "L" indicates the course includes lab experience.
- Transferred courses will be evaluated by the Registrar's Office to determine course applicability towards requirements.

¹ Course may be used to fulfill either Heritage or Humanities competency, but may not be used to fulfill both general education categories.

² Course may be used to fulfill either Humanities or Social Interaction competency, but may not be used to fulfill both general education categories.