

RANGER COLLEGE: ASSOCIATE OF SCIENCE DEGREE

CORE CURRICULUM (42 hours) PLUS DEGREE PLAN REQUIREMENT (3 hours)

COMMUNICATION: Take both (6 hours)

	<u>GRADE</u>	<u>COLLEGE</u>
___ ENGL 1301: Composition I	_____	_____
___ ENGL 1302: Composition II*	_____	_____

MATHEMATICS: Take two OR one plus an additional science (3 or 6 hours)

___ MATH 1314: College Algebra	___ MATH 1316: Plane Trigonometry	_____	_____
___ MATH 1332: Contemporary Mathematics	___ MATH 1342: Elementary Statistical Methods	_____	_____
___ MATH 2312: Pre-Calculus Math	___ MATH 2313: Calculus I*	_____	_____

LIFE AND PHYSICAL SCIENCE: Take two (PLUS a third if just taking just one math) (8 or 12 hours)

___ BIOL 1406: Biology for Science Majors I	___ BIOL 1407: Biology for Science Majors II	_____	_____
___ BIOL 2401: Anatomy & Physiology I	___ BIOL 2402: Anatomy & Physiology II	_____	_____
___ BIOL 2420: Microbiology (Non-science Majors)	___ BIOL 2421: Microbiology (Science Majors)	_____	_____
___ CHEM 1411: General Chemistry I*	___ CHEM 1412: General Chemistry II*	_____	_____
___ GEOL 1403: Physical Geology	___ GEOL 1404: Historical Geology	_____	_____
___ PHYS 1401: College Physics I*	___ PHYS 1402: College Physics II*	_____	_____

LANGUAGE, PHILOSOPHY, AND CULTURE: Take one (3 hours)

___ ENGL 2311: Technical & Business Writing	___ ENGL 2323: British Literature II*	_____	_____
___ ENGL 2322: British Literature I*	___ ENGL 2328: American Literature II*	_____	_____
___ ENGL 2327: American Literature I*	___ ENGL 2333: World Literature II*	_____	_____
___ ENGL 2332: World Literature I*		_____	_____

CREATIVE ARTS: Take one (3 hours)

___ ARTS 1301: Art Appreciation	_____	_____
___ DRAM 1310: Introduction to Theater	_____	_____
___ MUSI 1306: Music Appreciation	_____	_____
___ MUSI 1310: American Music	_____	_____

AMERICAN HISTORY: Take both (6 hours)

___ HIST 1301: United States History I	___ HIST 1302: United States History II	_____	_____
		_____	_____

GOVERNMENT/POLITICAL SCIENCE: Take both (6 hours)

___ GOVT 2305: Federal Government	___ GOVT 2306: Texas Government	_____	_____
		_____	_____

SOCIAL AND BEHAVIORAL SCIENCES: Take one (3 hours)

___ PSYC 2301: General Psychology	___ HIST 2322: World Civilizations II	_____	_____
___ PSYC 2314: Lifespan Growth and Development		_____	_____
___ SOCI 1301: Introductory Sociology		_____	_____
___ ECON 2301: Principles of Macroeconomics		_____	_____
___ HIST 2321: World Civilizations I		_____	_____

COMPONENT AREA OPTION: Take both (4 hours)

___ EDUC 1100 or PSYC 1100: Learning Framework (must take during first semester)	_____	_____
___ SPCH 1315: Public Speaking	_____	_____

ELECTIVES (15 hours)

_____ Hrs___ Gr___ Coll_____	_____ Hrs___ Gr___ Coll_____
_____ Hrs___ Gr___ Coll_____	_____ Hrs___ Gr___ Coll_____
_____ Hrs___ Gr___ Coll_____	_____ Hrs___ Gr___ Coll_____
_____ Hrs___ Gr___ Coll_____	_____ Hrs___ Gr___ Coll_____

* Prerequisite required

Must have 15 hours of residency. Must have 2.00 GPA on all courses taken at RC and 2.00 GPA on all courses presented for graduation.

Associate of Science Suggested Two-Year Plan

(for college-ready students)

Freshman Year – Semester 1

ENGL 1301
HIST 1301
MATH _____ (Based on Pathway)
SPCH 1315
ART, DRAM, or MUSI
EDUC/PSYC 1100 (required 1st semester)

Total: 16 hours

Freshman Year – Semester 2

ENGL 1302
HIST 1302
GOVT 2305
MATH_____ or BIOL, CHEM, GEOL, or PHYS
Elective

Total: 15 hours

Sophomore Year – Semester 1

ENGL 23____
BIOL, CHEM, GEOL, or PHYS
GOVT 2306
Elective
Elective

Total: 16 hours

Sophomore Year – Semester 2

ECON, PSYC, or SOCI
BIOL, CHEM, GEOL, or PHYS
Elective
Elective

Total: 13 hours