Minor – Students must choose a support field, also known as a minor. The minor generally consists of 18 hours (6 courses) in the same field of study. Minor options are Biology, Business, Computer Information Systems, Computer Science, Communications, Criminology, English, History, Kinesiology, Math, Political Science, Psychology, Sociology, Special Education, Women’s Studies. Consult with your academic advisor to determine the optimum number of lower-division and upper-division courses within the chosen minor. 45 upper-division hours are needed for graduation. It may be advantageous for the student to complete all six of the minor courses at TAMU-SA to attain the 45 ADV hours required for graduation.

Biology: The minimum number required will be 24 semester hours or any amount corresponding to six 3 or 4 credit hour course. The minor should consist of BIOL 1406 (General Biology I w/lab), BIOL 1407 (General Biology II w/lab), and 4 more 3-4 credit hour courses in Biology; 6-8 hours must be advanced hours.

Business Administration: The following courses are required: ACCT 2301 (lower level/Alamo Colleges), then at A&M-SA: MGMT 3311, MKTG 3361 and 9 additional hours of your choice to be chosen from 3000 or 4000 level College of Business Administration courses for which the prerequisites have been met or instructor approval has been granted. The best course options for the additional 9 hours are:

- BCOM 3304 (Business Communications)
- CISA 3358 (Management Information Systems) (after completing CISA 1301/BCIS 1305)
- BLAW 3341 (Business Law)
- MKTG 3361 (Principles of marketing)
- MGMT 3311 (Principles of Management)
- MGMT 3325 (Human Resource Management)

Communication: The following courses required:
Lower Division – 3 required courses:
- COMM 1307
- COMM 2300 (Media Literacy)
- COMM 2327 (Intro to Advertising) OR COMM 2330 (Intro to PR)

Upper Division – 3 courses from:
- COMJ 3321 (Principles of Advertising)
- COMJ 4301 (History of Journalism)
- COMJ 4322 (Public Relations)
- COMM 3350 (Theories of Communication)
- COMM 3351 (Media Effects)
- COMM 4315 (Media Ethics)
- COMM 4317 (Mass Media, the Public, and the Law)

Computer Information Systems (Available only to non-business majors): A minor consists of CISA 1301 (COSC 1301 at the Alamo Colleges), at A&M-SA; CISA 3358, CISA 3354 and three approved advanced CISA courses

Computer Science (Available only to non-business majors): Consist of 24 hours

The following courses are required:
- COSC 1337 Programming Fundamentals II (Alamo Colleges course)
- COSC 2315 Data Structures (Alamo Colleges course)
- CSCI 4304 Database Systems
- CSCI 4362 Operating Systems
- CSCI 4306 Computer Networks
- CSCI 4316 Software Engineering

Then select two elective courses at TAMU-SA from the following list:
- CSCI 4301 Assembly Language and Computer Organization
- CSCI 4315 Data Mining
- CSCI 3343 Analysis of Algorithms
Criminology: PSYC 2301/SOCI 1301 are the prerequisites needed before taking any advanced Criminology courses. The minimum number shall be 18 semester hours. Six hours can be lower-level, 12 hours must be advanced Criminology courses.

English: The minimum number shall be 18 semester hours (beyond ENGL 1301-ENGL 1302), 12 of which must be advanced.

History: The minimum requirement shall be 21 semester hours, consisting of HIST 1301-1302, HIST 2321-2322 and HIST 4301 and 6 hours of advanced electives.

Kinesiology: Non-kinesiology majors may choose to minor in kinesiology. Students may select from one of the following concentrations based on their specific interest.

**Kinesiology* (EC-12 Physical Education-18 credit hours):**
- KINE 1301-Foundations of Kinesiology (Alamo Colleges or Transfer)
- EDKN 3311-Group Management in Physical Activity
- EDKN 4316-Complex Psychomotor Skills
- EDKN 4342-Motor Skills and Special Populations
- EDKN 3320-Motor Development/Motor Learning
- 2 hours of EDKN 3100—Field Based (Must be field-based in Kinesiology and no other subject area)—taken in two separate semesters
- 1 hour of either an individual, dual or team sport
- Any substitutions must have approval of the Kinesiology Coordinator.

*The EC-12 Physical Education minor is for students interested in teaching physical education (PE).

**Kinesiology* (Coaching Concentration-18 credit hours):**
- KINE 1301-Foundations of Kinesiology (Alamo Colleges or Transfer)
- KINE 1308-Intramurals & Officiating (Alamo Colleges or Transfer)
- KINE 1306-First Aid (Alamo Colleges or Transfer)
- KINE 1321-Coaching I or KINE 1322-Coaching II (Alamo Colleges or Transfer)
- EDKN 3332-Program Development/Management Fitness Industries
- EDKN 3350-Kine & Sports in Society
- Any substitutions must have approval of the Kinesiology Coordinator

*The Coaching concentration minor is for students interested in coaching sports.

**Exercise Science & Pre-Physical Therapy* (20-21 hours):**
- Required (14 hours):
  - EDKN 3426-Basic Physiology of Exercise**
  - EDKN 3315-Functional Anatomy
  - EDKN 4325-Biomechanics
  - EDKN 4401-Exercise Testing & Prescription
- Plus choose one of the following Alamo courses*** (3 hours):
  - KINE 1301-Foundations of Kinesiology (Alamo Colleges or Transfer) or
  - KINE 1338-Concepts of Fitness & Wellness (Alamo Colleges or Transfer)
- Plus choose one of the following TAMU-SA courses (3-4 hours):
  - EDKN 4324-Exercise & Chronic Diseases or
  - EDKN 4417-Advanced Physiology of Exercise or
  - EDKN 3320-Motor Development/Motor Learning

*The Exercise Science and Pre-PT minor is for students interested in a non-public school teaching profession, continuing their education in Exercise Science, or applying to a PT program to further their education.

**Biol 2401-Human Anatomy & Physiology I and BIOL 2402-Human Anatomy & Physiology II are pre-requisites for EDKN 3426-Basic Physiology of Exercise

***If a student does not transfer from the Alamo Colleges or has not taken KINE 1301 and/or KINE 1338 before enrolling at TAMU-SA, that student may take EDKN 4324, EDKN 4417, and/or EDKN 3320 instead of any of the Alamo Colleges courses. EDKN 1304-Personal/Community Health may be substituted for KINE 1338-Concepts of Fitness & Wellness if it is a KINE transfer.
Mathematics: The minimum requirement shall be 18 hours to include MATH 2413 (Calculus I), MATH 2414 (Calculus II), MATH 3325 and 9 additional hours of upper division math electives excluding MATH 3350, MATH 3360, and MATH 4301.

Political Science: The minimum requirement shall be 18 semester hours consisting of POLS 3301, POLS 3302, POLS 3310, POLS 4321 or POLS 4322, POLS 4341 or POLS 4344, and POLS 4351.

Psychology: The minor should consist of PSYC 2301, one lower-level course and 12 hours of advanced Psychology courses.

Sociology: The minor should consist of SOCI 1301, SOCI 1306 and 12 hours of advanced Sociology courses.

Special Education (Available only to non-Education majors):

- EDSE 3345 Survey of Except Children (Pre-requisite course to all other SPED classes below.)
- EDSE 3346 Development of Exceptional Individuals
- EDSE 3347 Behavior Management for Exceptional Student
- EDSE 3348 Education Proc. For Except. Students
- EDSE 4340 Collaboration and Transition Svcs. Incl. Setting
- EDSE 4347 Federal & State Regulations

Women’s Studies: Students seeking an understanding of women’s issues and influence may pursue a minor in women’s studies. This minor requires 18 semester hours of advanced course electives in Women’s Studies.