NOTE: Prerequisites are subject to change. For the most up-to-date prerequisites, please visit SFSU’s bulletin page.

1. Restricted to Kinesiology Majors. Must be taken concurrently with KIN 204/DAY
2. Restricted to Biology, Biochemistry, Chemistry, Clinical Science, and Kinesiology majors with sophomore standing or above; BICL 230 with a grade of C- or better; or consent of the instructor
3. First-year Math Advising Module. Students who elect to take additional support should concurrently enroll in MATH 125.
4. Completion of GE Area A1 and Biorequirements with grades of Cor better; priority given to undeclared with interest in KIN or declared KIN major.
5. Completion of GE Area A and Biorequirements with grades of Cor better; priority enrollment for undeclared with interest in KIN or declared KIN major.
6. KIN 354/354W. Restricted to upper-division Kinesiology majors;
7. BICL 230 or BICL 336 or equivalent with a grade of Cor better; KIN 340/S205 may be taken concurrently. Restricted to upper-division Kinesiology majors.
8. KIN 340A (may be taken concurrently). Restricted to upper-division Kinesiology majors
9. Category I or II placement for QRMath. Category II or IV placement for QRMath must have completed MATH 115 with a grade of Cor better or satisfied the BI requirement. An ELN score of 90 or higher or exemption, or MATH 70 or ESM 70 with a grade of Cor better. High school chemistry recommended.
10. CHEM 101 or CHEM 115, BICL 101 and BICL 101 or BICL 210, all with grades of Cor better. Intended for non-biology majors.
11. BICL 322 (may be taken concurrently).
12. Category I or II placement for QRMath, or an ELN score of 90 or higher or exemption, or MATH 70 or ESM 70 with a grade of Cor better. Category III or IV for QR Math placement or the student must have completed MATH 115 with a grade of Cor better or have satisfied the BI requirement. Satisfactory score on the Chemistry readiness assessment. CHEM 101 recommended for students needing additional preparation for the assessment and CHEM 115.
13. Category I or II placement for QRMath, or completion of GE Area B4 or MATH 110/117.
14. Must be taken concurrently with HUM 101.
15. MATH 38 or MATH 195W with a grade of C- or higher: Concurrent enrollment in HUM 112 required. If prerequisite was completed in high school, the online Math Preparation for Physics mini-course is required; see the Department of Physics & Astronomy website for details.
16. Must be taken concurrently with HUM 111.
17. BICL 212, or equivalent, KIN 240 or KIN 220, and KIN 340A. Restricted to upper-division Kinesiology majors.
18. BICL 212 or BICL 213 or equivalent with grades of Cor better; KIN 340A, or consent of the instructor. Concurrent enrollment in KIN 482. Restricted to upper-division Kinesiology majors.
19. Restricted to upper-division Kinesiology majors; GE Area A2: KIN 240W or KIN 259 (may be taken concurrently) and KIN 1124W or equivalent with grades of Cor better.
20. BICL 110 and BICL 110 or equivalent: BICL 110 and equivalent, KIN 487, all with grades of Cor better. Restricted to upper-division Kinesiology majors.
21. Restricted to upper-division Kinesiology majors; Concurrent enrollment in KIN 685; or consent of the instructor. Enrollment priority given to graduating seniors.
22. Restricted to upper-division Kinesiology majors; Concurrent enrollment in KIN 687; or consent of the instructor. Enrollment priority given to graduating seniors.
23. Restricted to upper-division standing; overall QRMath 3.0 or above; consent of the associate chair and supervising instructor.
24. Upper-division Kinesiology majors: KIN 482, KIN 485, KIN 488, and KIN 504; or consent of the instructor. Enrollment priority given to graduating seniors.

25. Advisor Approval.
26. Restricted to upper-division standing; GE Areas A1, A2, A3, and B4; or consent of the instructor.
27. KIN 487W, KIN 492 or KIN 557. Restricted to upper-division standing Kinesiology majors.
28. KIN 487W with a grade of Cor better; or consent of the instructor. Restricted to upper-division Kinesiology majors.
29. KIN 488W with a grade of Cor better; or consent of the instructor. Restricted to upper-division Kinesiology majors.
30. Restricted to upper-division Kinesiology majors; KIN 250 with a grade of Cor better; or consent of the instructor.
31. Restricted to upper-division standing; GE Area A1, A2, A3, and B4.
32. KIN 340W. KIN 508 and KIN 537 recommended. Restricted to upper-division Kinesiology majors.
33. Completion of GE Area A and 5th/6th grades of Cor better; enrollment in an activity course is recommended.
34. BICL 212, BICL 232 or BICL 336, and KIN 340/WK or equivalent with grades of Cor better; QRMath 3.0 or higher; or consent of the instructor. Restricted to upper-division Kinesiology majors.
35. Upper-division standing or consent of instructor; completion of GE Area A4 requirement and two additional courses in GE Area A and B.
36. Restricted to upper-division Kinesiology majors.
37. KIN 189 is equivalent, KIN 480, KIN 482, and KIN 483 or consent of the instructor.
38. Restricted to upper-division Kinesiology majors; KIN 482W and KIN 483 with grades of Cor better; or consent of the instructor.
39. KIN 255 (may be taken concurrently). Wellness assessment; or consent of the instructor.
40. BICL 110 and 111, or BICL 212 and 213.
41. Restricted to Biology and Biochemistry majors and minors, Kinesiology majors, and Environmental Studies: Natural Resources Management and Conservation majors.
42. KIN 364 (GAIN), KIN 482, KIN 483, and KIN 490. Prior completion of KIN 355 is strongly recommended. Attendance at the KIN Advisory meeting at the end of the semester’s PRAnth2 enrollment is required. Upper-division standing or consent of Instructor: completion of GE Area A4, two additional courses in GE Areas A and B.
43. KIN 482, KIN 492, and KIN 490; or consent of the instructor. KIN 355 is strongly recommended. Attendance at the KIN Advisory meeting at the end of the semester’s PRAnth2 enrollment is required. Dates and times will be posted in the gymnasium. Restricted to upper-division Kinesiology majors.
44. KIN 250 or consent of instructor.
45. KIN 240 and KIN 340A or the instructor.
46. KIN 240W, KIN 255, and KIN 340A or consent of the instructor. Restricted to Kinesiology majors; upper-division standing.
47. Restricted to Kinesiology majors; KIN 250.
48. Category I or IV placement for QRMath or students who have not passed MATH 70 or ESM 70 with C or better.
49. First-year math advising module. Students who elect to take additional support should concurrently enroll in MATH 125.

The Exercise and Movement Sciences concentration prepares students for advanced study in a number of exercise and movement related fields. This degree concentration examines Kinesiology from the perspectives of exercise physiology, biomechanics; motor learning and development, and the psychological and the social-cultural aspects of physical activity. The programmatic approach is multidisciplinary and invites study in the physical, biological and social sciences, psychology, philosophy, and communication. The degree program examines those factors that influence the form, function, and effectiveness of exercise and movement across the lifespan and for the disabled.

This degree concentration will prepare students who wish to become exercise physiologists or fitness specialists in clinical, research, educational, or business settings, or who seek careers in physical or occupational therapy, biomechanics, motor learning and development, and ergonomics. Students will also be prepared for advanced study in such fields as sport history, sport sociology, sport and exercise psychology, and at-risk youth development. In addition, students who wish to pursue graduate studies in these areas will be well prepared to do so. Students will also be ready to pursue endeavors in the private sector.

Advising Students in all the programs must work closely with an advisor to select the proper degree program, concentration, and configuration of courses to support career and scholarly interest related to the study of human movement and physical activity. Students seeking to major in or change their major to kinesiology must consult with the undergraduate advisor in GYM 137 to be officially accepted into the major.

Undergraduate students interested in pursuing a master’s degree in kinesiology should speak to their academic advisor regarding completing core requirements in the program (KIN 384, KIN 457, KIN 480, KIN 486, and KIN 504).

Many of the courses listed in the major patterns have prerequisites or co-requisites and must be taken in a particular sequence. (Consult the on-line course descriptions.) See “Duplicate Use of Credit Between the Major and GE” at http://bulletin.sfsu.edu/undergraduate_education/uged/Undergraduate_Degree_Overview. Prior approval by the student's...