GENERAL EDUCATION REQUIREMENTS - 48 CREDITS

I. LIBERAL EDUCATION SKILLS - 12 CREDITS
   A. English Composition (3-6 credits)¹
      Eng 110: Writing I ___ ___
      Eng 111: Writing II ___ ___
      (See back of checklist)
   B. Mathematics Requirement (3 credits)
      ENG 110: Writing I ___ ___
      ENG 111: Writing II ___ ___
   C. Credits to total 12 in Category I, selected from at least two of the following: Academic Support, Communication, Computer Information Science, Elementary Foreign Language, English Composition, Logic, and CMST.

II. LIBERAL KNOWLEDGE - 27 CREDITS
   A. Physical & Biological Science (9 credits)²
      selected from at least two of the following: Biology, Chemistry, Earth Sci., and Physics.
      ENG 110: Writing I ___ ___
      ENG 111: Writing II ___ ___
   B. Social & Behavioral Science (9 credits) selected from at least two of the following: Anthropology, Economics, Geography, History, Pol. Sci., Psychology, Sociology & Women & Gender Studies.
      ENG 110: Writing I ___ ___
      ENG 111: Writing II ___ ___
   C. Arts & Humanities (9 credits) selected from at least two of the following: Art, English Language and Literature, Humanities, Intermediate Foreign Language and Cultures, Music, Philosophy, CMST and Theater.
      ENG 110: Writing I ___ ___
      ENG 111: Writing II ___ ___

III. HEALTH AND PERSONAL PERFORMANCE - 4 CREDITS
   A. Health and Wellness (2 credits)
      ENG 110: Writing I ___ ___
      ENG 111: Writing II ___ ___
   B. Personal Performance (1 course and 1 credit)
      ENG 110: Writing I ___ ___
      ENG 111: Writing II ___ ___

IV. GEN. ED. ELECTIVES - CREDITS TO TOTAL 48 FROM GEN. ED., excluding credits in Mathematics and areas III.A. Up to 1 credit from III.B allowed.

V. REQUIREMENTS IN MAJOR: 48-64 CREDITS
   A. Required courses in Mathematics (31-39 credits)³
      MATH 270: Calculus I 4 ___
      MATH 271: Calculus II 4 ___
      MATH 272: Calculus III 4 ___
      MATH 300: Intro to Adv. Mathematics 3 ___
      MATH 350: Ordinary Differential Equations 3 ___
      MATH 370: Linear Algebra 3 ___
      MATH 258: Intro to Adv. Mathematics 3 ___
      MATH 259: Intro to Adv. Mathematics 3 ___
      MATH 268: Intro to Adv. Mathematics 3 ___
      MATH 258 or CHEM 151/161, 153/163 instead of PHSC 111 or 112.
   B. Calculus Requirement (3 credits)
      PH 258: Intro Physics I (Lec) 3 ___
      PH 258: Intro Physics I (Lab) 3 ___
      PH 259: Intro Physics II (Lec) 3 ___
      PH 259: Intro Physics II (Lab) 3 ___
      PH 351: Mechanics: Dynamics 3 ___
      PH 352: Electricity and Magnetism 3 ___
      CHEM 151: Chemical Principles I (Lec) 3 ___
      CHEM 151: Chemical Principles I (Lab) 3 ___
      CHEM 152: Chemical Principles II (Lec) 3 ___
      CHEM 152: Chemical Principles II (Lab) 3 ___
      CPSC 201: Survey of Computational Science 3 ___

VI. FREE ELECTIVES²
   Credits to total 120 credits for graduation.

VII. DEGREE: B.S. MATH COOP

   1. Minimum grade of "C" in ENG 111; MATH 270; MATH 271; and MATH 272 is required.
   2. PHSC 111 and PHSC 112 may not be counted towards graduation by students majoring in mathematics. Majors should select PH 258 or CHEM 151/161, 153/163 instead of PHSC 111 or 112.
   3. A calculus course may be used to fulfill the Mathematical Requirement for General Education. If used for General Education, check off here but do not count the credits again under Major Requirements.
   4. Some of the courses can be used to fulfill General Education requirements in category II.A. If used for General Education, check off here, but do not count the credits again under Major Requirements.
University Policies Relating to Academic Requirements

- English 111 is required for graduation. Students who qualify can take ENG 115 or HON 129 in place of ENG 111. Students required to complete English 110, Writing I, must successfully complete the course before enrolling in English 111, College Writing. Students are selected to take English 110 based on writing assessment scores when entering the university. If required to take English 110, the course will count under section I. C. Liberal Education Skills.

- A student is obligated by those requirements which are in effect at the time of his/her matriculation, but if he/she changes majors he/she is obligated by the requirements in effect at the time of the change. If a student has been out of school for more than two years and is readmitted, he/she is treated as a new student for requirement purposes.

- A minimum of 120 credits must be presented for graduation, of which at least 45 of the last 64 credits must have been earned in residence.

- No more than 2 credits of Personal Performance (III.B) may be counted for graduation.

- Upon presentation of form DD 214, the university grants a maximum of 4 credits in Health and Physical Education for active military service of 6 months or more. Credit is normally given for HPE 111 (2 credits) and 1 HPE activity courses of 1 credit each.

- Maximum loads: students with a QPA of 3.0, 21 hours; students in good standing *, 18 hours; students on probation, 15 hours.
  *To be in good academic standing, undergraduate students must maintain a minimum quality point average of 2.00 for both semester and cumulative averages.

- After a student has earned a minimum of 30 semester hours of credit and if he/she is in good academic standing he/she may schedule a maximum of six courses or 18 credit hours for Credit-No Record. One such course may be taken each semester. Courses in the student’s major may not be taken on a Credit-No Record basis.

- Course credits not to exceed 18 semester hours may be earned by departmental examination at Clarion. Application should be made in the Office of Academic Affairs.

- All candidates for an undergraduate degree must be in good academic standing (i.e., have a cumulative QPA of 2.00).

- Students may earn two undergraduate degrees (B.A., B.S., BSED), simultaneously or in sequence, by completion of 30 approved credit hours beyond those taken for one degree.

- Students may take a double major by satisfying the major requirements of two programs within a single degree. For example, one may take a B.A. with majors in English and Speech Communication. Ordinarily a double major (two majors within one degree) can be effected in 120 hours but it is not possible to take two majors in different degree programs (e.g., B.A. in English and BSED in Communication Arts) unless the 30 hour requirement for a second degree, referred to in the preceding statement is satisfied.

- Students may obtain teacher certification in conjunction with many degrees by completing the required course work in professional education. For more information, contact the Dean of Arts and Sciences or the Dean of Education and Human Services.