2018-2019 PROGRAM REQUIREMENTS
Degree: Bachelor of Applied Science
Major: Radiologic Sciences

About This Major . . .
The Bachelor of Applied Science in Radiologic Sciences combines the technical skills and patient care skills necessary for success in today's health care arena. A unique program, the BAS allows students who have already earned an associate of applied science degree to build upon their technical specialties with Essential Learning courses and junior and senior level radiologic science courses. This allows associate degree holders to gain a 4-year degree in approximately four additional full-time semesters, depending upon prior coursework.

Courses to be taken include advanced patient care, quality management, informatics in radiology, research and areas of specialization such as computed tomography, and magnetic resonance imaging. Upon completion of the program, students will be technically and academically prepared for leadership positions in their chosen specialties.

Prospective students not holding an associate of applied science degree can begin their college career at CMU in a chosen field of study with a 2-year degree and then progress to a 4-year degree using the BAS. This degree will provide students upward mobility in their area of employment as they move into specialty areas as well as supervision/management positions.

For more information on what you can do with this major, go to http://www.coloradomesa.edu/career/whatmajor.html.

All CMU baccalaureate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Relate ethical principles to real-life problems in the radiologic sciences. (Specialized Knowledge)
2. Combine academic theory with practitioner experience and skills. (Applied Learning)
3. Apply quantitative analysis methods to develop appropriate conclusions (Quantitative Fluency)
4. Communicate effectively through written documents. (Communication)
5. Develop critical thinking and problem solving skills that demonstrate a professional level of expertise in advanced specialty areas in the radiologic sciences. (Critical Thinking)

Advising Process and DegreeWorks
This document is intended for informational purposes to help determine what courses and associated requirements are needed to earn a degree. Some courses are critical to complete in specific semesters while others may be moved around. Meeting with an academic advisor is essential in planning courses and developing a suggested course sequencing. It is ultimately the student's responsibility to understand and fulfil the requirements for her/his intended degree(s).

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar's Office to evaluate progress towards a degree and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audits on a regular basis and should discuss questions or concerns with their advisors or academic department heads. Discrepancies in requirements should be reported to the Registrar's Office.

Graduation Process
Students must complete the following in the first two months of the semester prior to completing their degree requirements:

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.
- Submit the "Intent to Graduate" form to the Registrar's Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found at http://www.coloradomesa.edu/registrar/graduation.html.

If a student's petition for graduation is denied, it will be her/his responsibility to consult the Registrar's Office regarding next steps.

INSTITUTIONAL DEGREE REQUIREMENTS

The following institutional degree requirements apply to all CMU Bachelor of Applied Science (BAS) degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- 120 semester hours minimum.
- Students must complete a minimum of 30 of the last 60 hours of credit at CMU, with at least 15 semester hours in major discipline courses numbered 300 or higher.
- 33 upper-division credits.
- 2.00 cumulative GPA or higher in all CMU coursework.
- A course may only be used to fulfill one requirement for each degree/certificate.
- No more than six semester hours of independent study courses can be used toward the degree.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed 30 semester credit hours for a baccalaureate degree; A maximum of 15 of the 30 credits may be for cooperative education, internships, and practica.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Degree Requirements.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

PROGRAM-SPECIFIC DEGREE REQUIREMENTS

- 121 semester hours required for the BAS in Radiologic Sciences.
- Formal admission to a BAS program requires completion of the appropriate AAS degree from an accredited institution. Any exceptions to this must be approved in advance by the department BAS advisor and the academic department head. All students must meet with the BAS advisor to plan and schedule all classes.
- Applicants must be certified by the American Registry of Radiologic Technologists or its equivalent to be admitted to the program.
- Program applicants must possess an A.A.S degree in Radiologic Technology or Radiologic Science. Acceptance of A.A.S. radiologic technology credits will be limited to no more than 36 hours unless approved by both the B.A.S. advisor and the academic department head.
- Applicants possessing a certificate of completion from a JRCERT accredited program in Radiologic Technology may also be admitted conditionally to the program while completing the requirements for an AAS degree. Please see the Radiologic Science Program Director for complete requirements and application form.
- All degree requirements must be completed as described. Any exceptions or substitutions must be recommended in advance by the faculty advisor and approved by the Department Head. Students are required to participate in exit examinations or other programs deemed necessary to comply with the university accountability requirement.
- 2.00 cumulative GPA or higher in coursework toward the major content area.

ESSENTIAL LEARNING REQUIREMENTS (31 semester hours)
See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning requirement.

English (6 semester hours, must receive a grade of "C" or better and must be completed by the time the student has 60 semester hours.)
- ☐ ENGL 111 - English Composition (3)
- ☐ ENGL 112 - English Composition (3)

Mathematics (3 semester hours, must receive a grade of "C" or better, must be completed by the time the student has 60 semester hours.)
- ☐ MATH 110 - College Algebra (3) or higher

Humanities (3 semester hours)
- ☐ Select one Humanities course (3)

Social and Behavioral Sciences (6 semester hours)
- ☐ Select one Social and Behavioral Sciences course (3)
- ☐ Select one Social and Behavioral Sciences course (3)

Natural Sciences (7 semester hours, one course must include a lab)
- ☐ Select one Natural Sciences course (3)
- ☐ Select one Natural Sciences course with a lab (4)

History (3 semester hours)
- ☐ Select one History course (3)

Fine Arts (3 semester hours)
- ☐ Select one Fine Arts course (3)

OTHER LOWER-DIVISION REQUIREMENTS

Wellness Requirement (2 semester hours)
- ☐ KINE 100 - Health and Wellness (1)
- ☐ Select one Activity course (1)

Essential Learning Capstone (4 semester hours)
Essential Learning Capstone must be taken after completion of the Essential Learning English and Mathematics requirements, and when a student has earned between 45 and 75 hours.
- ☐ ESSL 290 - Maverick Milestone (3)
- ☐ ESSL 200 - Essential Speech (1)

FOUNDATION COURSES (15 semester hours)
- ☐ STAT 200 - Probability and Statistics (3)
- ☐ BIOL 209 - Anatomy and Physiology I (3)
- ☐ BIOL 209L - Anatomy and Physiology I Laboratory (1)
- ☐ BIOL 210 - Anatomy and Physiology II (3)
- ☐ BIOL 210L - Anatomy and Physiology II Laboratory (1)
- ☐ BIOL 241 - Pathophysiology (4)

BAS: RADIOLOGIC SCIENCES MAJOR REQUIREMENTS (25 semester hours)

Core Courses (12 semester hours)

- ☐ RADS 452 - Sectional Anatomy (3)
- ☐ RADS 453 - Advanced Patient Care (3)
- ☐ RADS 462 - Leadership and Management (3)
- ☐ RADS 463 - Information Literacy in Radiologic Science (3)

Specialization (13 semester hours)

- ☐ Select one of the following options:
  RADS 460 - Principles of MRI (2) and RADS 470 - Applied MRI (3)
  RADS 461 - Principles of CT (2) and RADS 471 - Applied CT (3)
- ☐ RADS 480 - Clinical Specialization I (4)
- ☐ RADS 490 - Clinical Specialization II (4)

BACHELOR OF APPLIED SCIENCE CORE (36 semester hours)

36 Semester Hours taken as part of a state approved Associate of Applied Science degree.

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

A.A.S. Institution: _____ Date Received: _____

GENERAL ELECTIVES (All college level courses appearing on final transcript, not listed above to bring total to 121 semester hours, including 33 upper division semester hours. 8 upper division semester hours required.)

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____