



2009-2010 PETITION/PROGRAM SHEET
Degree: Bachelor of Applied Science
Major: Radiologic Technology
www.mesastate.edu/academics/programs.html

About This Major . . .

The Bachelor of Applied Science in Radiologic Technology 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 general education 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 CT, MR, mammography and CV Interventional Technology. 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 MSC 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.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC Catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5. Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you will be required to take a Major Field Achievement Test (exit exam).

NAME: _____ **STUDENT ID #** _____

LOCAL ADDRESS AND PHONE NUMBER: _____

_____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor _____ Date _____ 20____

Signature of Department Head _____ Date _____ 20____

Signature of Registrar _____ Date _____ 20____

Degree Requirements:

- ### GENERAL EDUCATION REQUIREMENTS (31 semester hours)

Course No	Title	Sem.hrs	Grade	Term/Trns
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ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____

MATH 113 College Algebra 4* _____

Humanities (3 semester hours)**Social and Behavioral Sciences (6 semester hours)**

Natural Sciences (7 semester hours, one course must include a lab)

History (3 semester hours)

HIST _____

Course No	Title	Sem.	hrs	Grade	Term/Trns
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Fine Arts (3 semester hours)

OTHER LOWER DIVISION REQUIREMENTS (6 semester hours)

Kinesiology (3 semester hours)

KINE 100	Health and Wellness	1	_____	_____
KINA 1	_____	1	_____	_____
KINA 1	_____	1	_____	_____

Applied Studies (3 semester hours)

BACHELOR OF APPLIED SCIENCE DEGREE DISTINCTION REQUIREMENTS (6 semester hours) Must receive a grade of “C” or

STAT 200	Probability and Statistics	3	_____	_____
BIOL 241	Pathophysiology	4*	_____	_____

Pathophysiology requires a prerequisite of BIOL 209, 209L

*3 credits apply to the Degree Distinction requirements and 1 credit applies to elective credit

B.A.S. RADIOLOGIC TECHNOLOGY MAJOR **REQUIREMENTS**

(28 semester hours)

Required Radiologic Technology Courses (17 semester hours)

BIOL 210	Anatomy and Physiology II	3	_____	_____
BIOL 210L	Anatomy and Physiology II Lab	1	_____	_____
RTEC 321	Informatics in Radiology	2	_____	_____
RTEC 365	Advanced Patient Care	3	_____	_____
RTEC 460	Quality Management	3	_____	_____
NURS 415	Business of Health Care	2	_____	_____
RTEC 494	Capstone/ Research	3	_____	_____

Choose from one of the following groups: (11 semester hours)

RTEC 450	Mammography I	2	_____	_____
RTEC 470	Mammography II	3	_____	_____

RTEC 452	CV Interventional I	2	_____	_____
RTEC 472	CV Interventional II	3		

RTEC 454	Computed Tomography I	2	_____	_____
RTEC 474	Computed Tomography II	3	_____	_____

RTEC 456	Magnetic Resonance I	2	_____	_____
RTEC 476	Magnetic Resonance II	3	_____	_____

AND

RTEC 480	Clinical Specialization I	3	_____	_____
RTEC 490	Clinical Specialization II	3	_____	_____

Electives (11 semester hours; must be Upper Division.) All college level courses appearing on your final transcript, **not listed above** that will bring your total semester hours to 120 hours. Students enrolled in CT or MR specialization courses must take RTEC 325 and 327.

RTEC 325	Cross Sectional Anatomy	2	_____	_____
RTEC 327	Cross Sectional Anatomy	2	_____	_____

*MATH 113	College Algebra	1		
*BIOL 241	Pathophysiology	1		

[illegible]

***An Associate of Applied Science degree is required.**

Special requirements: To be admitted to the B.A.S. degree, program applicants must possess an A.A.S degree in Radiologic Technology or Radiologic Science. 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 above. 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 college accountability requirement.