



- PUBLIC
- INDEPENDENT

NEW PROGRAM PROPOSAL FOR ROUTINE REVIEW

When finished, please save and email to: hc.academicprogramactions@dlhe.mo.gov

Sponsoring Institution:

Program Title: Bachelor of Science in Diagnostic Imaging

Degree/Certificate:

If other, please list:

Options:

Delivery Site: Main Campus-Online

CIP Classification: 51.0999

Implementation Date: 10/10/2019

Is this a new off-site location? Yes No

If yes, is the new location within your institution's current CBHE-approved service region?

**If no, public institutions should consult the comprehensive review process*

Is this a collaborative program? Yes No

**If yes, please complete the collaborative programs form on last page.*

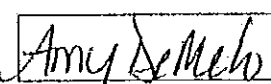
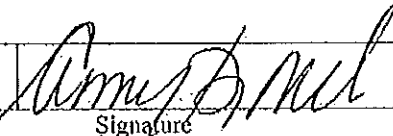
Please list similar or comparable programs at Missouri public institutions of higher education.

**For public institutions only*

CERTIFICATIONS:

- The program is within the institution's CBHE approved mission. *(public only)*
- The program will be offered within the institution's CBHE approved service region. *(public only)*
- The program builds upon existing programs and faculty expertise
- The program does not unnecessarily duplicate an existing program in the geographically-applicable area.
- The program can be launched with minimal expense and falls within the institution's current operating budget. *(public only)*

AUTHORIZATION

 Name/Title of Institutional Officer	 Signature	10/29/19 Date
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PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below.

Quantification of performance goals should be included wherever possible.

1. Student Preparation

- Any special admissions procedures or student qualifications required for this program, which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.
 Student's must submit a copy of their imaging licensure card, and the job shadowing form documenting 32 hours of job shadowing. The student must be credentialed in a primary imaging modality (Radiography, sonography, MRI, Nuclear Medicine, or Radiation Therapy or have met the required prerequisites for admission into a primary pathway prior to beginning of BSDI program. All DMS-Echocardiography applicants must have taken and passed the SPI registry prior to the beginning the BSDI program.
- Characteristics of a specific population to be served, if applicable.
 N/A

2. Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.
 Faculty must have a master's degree as well as be certified in the specialty modality they are teaching. For Diagnostic Medical Sonography faculty must be credentialed in the concentration they are teaching.
- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.
 Full time faculty will receive 24 credit hours per academic year or 12 credit hours per semester of each academic year.
- Expectations for professional activities, special student contact, teaching/learning innovation.
 Faculty must maintain their continuing education with ARRT and ARDMS.

3. Enrollment Projections

- Student FTE majoring in program by the end of five years.
 91 Projected for the 19/20 Academic year – do not have projections for next 3-5 years
- Percent of full time and part time enrollment by the end of five years.
 N/A

STUDENT ENROLLMENT PROJECTIONS

YEAR	1	2	3	4	5
Full Time	-	-	-	-	-
Part Time	-	-	-	-	-
Total	-	-	-	-	-

4. Student and Program Outcomes

- Number of graduates per annum at three and five years after implementation.
16 – FA18/SP19
- Special skills specific to the program.
N/A
- Proportion of students who will achieve licensing, certification, or registration.
100% - 2018
- Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.
100% - ARDMS (AB, OG, VT, AE) – 2018
100% - AART (CT, MRI Post-Primary, and MRI Primary and IR) - 2018
- Placement rates in related fields, in other fields, unemployed.
No Specific information pertaining to this particular program.
2018/2019: 85% of all Cox College Graduates are employed (FT and PT); 3% go into continuing education, 11% are seeking employment, .03% are involved with the military/volunteer, and .6% are unknown.
- Transfer rates, continuous study.
No Specific information pertaining to this particular program.

5. Program Accreditation

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide rationale.
Programmatically reviewed and approved by the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS). The Commission on Accreditation of Allied Health Education Programs (CAAHEP) also accredits them.

6. Program Structure

A. Total credits required for graduation: **120 credit hours**

B. Residency requirements, if any;

Minimum of 25% of all credits taken through Cox College. Student are required to take last semester credit hours through Cox College. Before the final semester, students are required to provide official transcripts to the Registrar from all institutions from which they wish to transfer credit.

C. General education: Total credits:

12 Credit hours – BSDI Specialty Track (*Students entering the program can be awarded up to 12 hours of transfer credit in general education and not required to complete these courses.)

Courses (specific courses OR distribution area and credits)

Course Number	Credits	Course Title
MATH 227	3	Introduction to Statistics
ENGL 207	3	Expository Writing

SOCI 304	3	Global Awareness and Cultural Diversity
PSYC 230	3	Life-Span Development

D. Major requirements: Total credits: Each program has a different amount of credit hours needed to complete the program*.

(*Each student comes in at different amounts of credit hours, and depending on the track selected; they must include the core elective courses to include in the amount needed for graduation)

Course Number	Credits	Course Title
Different Tracks Available:		
	12-24	Computed Tomography (CTI)*
	24	Healthcare Leadership*
	29-35	Interventional Radiography (IRI)*
	24-27	Magnetic Resonance Imaging (MRI)*
	79	Diagnostic Medical Sonography (DMS)*

*Please see the attached form with the courses for each track

E. Free elective credits: Up to 57 Core Curriculum Credit Hours Available*

**Will depend on the specialty program they select*

(sum of C, D, and E should equal A)

Course Number	Credits	Course Title
MACC 119	2	Introduction to Pharmacology
SDI 235	1	Common Reader
SDI 238	3	Common Reader
SDI 311	3	Building Team Culture
SDI 315	3	Introduction to Healthcare Management
SDI 319	3	Managing Difficult Conversations
SDI 322	3	Introduction to Conflict Management
SDI 330	1	ABC's of PQRS
SDI 332	2	Advanced EKG
SDI 334	3	Foundational leadership
SDI 344	3	Healthcare Finance
SDI 350	3	End of Life
SDI 359	3	The Healthy Provider
SDI 366	3	Considerations for Ethics in Healthcare Practice
SDI 371	3	Spirituality
SDI 392	3	Regulatory Trends in Radiologic Sciences and Imaging
SDI 430	3	Epidemiology
SDI 471	3	Advanced Studies in Human Oncology I
SDI 472	3	Advanced Studies in Human Oncology II
SDI 473	3	Advanced Studies in Human Oncology III
SDI 474	3	Advanced Studies in Human Oncology IV

F. Requirements for thesis, internship or other capstone experience:

N/A

G. Any unique features such as interdepartmental cooperation:

N/A

7. Need/Demand

Student demand

Market demand

Societal demand

I hereby certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful.

On July 1, 2011, the Coordinating Board for Higher Education began provisionally approving all new programs with a subsequent review and consideration for full approval after five years:

COLLABORATIVE PROGRAMS

- Sponsoring Institution One:
- Sponsoring Institution Two:
- Other Collaborative Institutions:
- Length of Agreement:
- Which institution(s) will have degree-granting authority?
- Which institution(s) will have the authority for faculty hiring, course assignment, evaluation and reappointment decisions?
- What agreements exist to ensure that faculty from all participating institutions will be involved in decisions about the curriculum, admissions standards, exit requirements?
- Which institution(s) will be responsible for academic and student-support services, e.g., registration, advising, library, academic assistance, financial aid, etc.?
- What agreements exist to ensure that the academic calendars of the participating institutions have been aligned as needed?

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BSDI - CTI Credits

CTI 300	3	CT Physics & Instrumentation
CTI 302	2	CT Imaging Procedure
SDI 302	2	Specialty Imaging Sectional Anatomy
SDI 304	2	Specialty Imaging Pathology
SDI 314	3	Patient Care & Safety
SDI 340	3	Practicum I (Lab)*
SDI 360	1	Practicum II (Lab)*
SDI 320	2	Adv. Digital Imaging & Informatics
SDI 364	3	Specialty Imaging Capstone I
SDI 400	3	Practicum III (Lab)*
Total Credits:	24	

BSDI - Healthcare Leadership

SDI 311	3	Building Team Culture
SDI 315	3	Introduction to Healthcare Management
SDI 319	3	Managing Difficult Conversations
SDI 322	3	Introduction to Conflict Management
SDI 334	3	Foundational Leadership
SDI 344	3	Healthcare Finance
SDI 366	3	Considerations for Ethics in Healthcare Practice
SDI 392	3	Regulatory Trends in Radiologic Sciences and Imaging
Total Credits:	24	

BSDI - IRI

IRI 310	4	Vascular Interventions
IRI 304	3	Interventional Angiography
SDI 303	3	Cardiovascular Anatomy & Physiology
SDI 314	3	Patient Care & Safety
SDI 340	3	Practicum I (Lab)*
SDI 360	1	Practicum II (Lab)*
IRI 312	4	Non-Vascular Interventions
SDI 320	2	Advanced Digital Imaging and Informatics
SDI 364	3	Specialty Imaging Capstone I
SDI 401	3	Practicum III (Lab)*
SDI 380	1	Specialty Imaging Capstone II
SDI 410	3	Practicum IV (Lab)*
IRI 330	2	Cardiac Interventions
Total Credits:	35	

BSDI Core Curriculum – MRI

MRI 300	3	MRI Physics & Instrumentation
SDI 300	3	Specialty Imaging Ethics
SDI 302	2	Specialty Imaging Sectional Anatomy
SDI 304	2	Specialty Imaging Pathology
SDI 314	3	Patient Care & Safety
SDI 340	3	Practicum I (Lab)*
SDI 360	1	Practicum II (Lab)*
MRI 306	2	MRI Imaging Procedures
SDI 320	2	Advanced Digital Imaging & Informatics
SDI 364	3	Specialty Imaging Capstone I
SDI 401	3	Practicum III (Lab)*
Total Credits:	27	

BSDI - DMS

DMS 304	3	Physics & Instrumentation I
DMS 306	3	Sono. Anatomy of Abd & Small Parts I
DMS308	3	Sonographic Abd. & Small Parts Path I
DMS 310	4	Sonographic Anatomy of Abd & Small Parts I Lab*
DMS 312	4	Sonographic Abd. & Small Parts Path I Lab*
SDI 314	3	Patient Care & Safety
DMS 352	2	DMS Specific Practicum I*
DMS 314	4	Physics & Instrumentation II
DMS 316	3	Vascular Physics & Instrumentation I
DMS 318	3	Gynecology I
DMS 320	2	DMS Specific Gynecology Lab*
DMS 354	3	DMS Specific Practicum II*
SDI 300	3	Specialty Imaging Ethics
DMS 322	2	Gynecology II
DMS 324	2	Obstetrics I
DMS 326	2	Physics & Instrumentation III
DMS 356	2	Dms Specific Practicum III*
DMS 358	2	DMS Specific Practicum IV*
DMS 330	3	Vascular Technology I
DMS 332	2	DMS Specific Vascular Lab*
DMS 334	3	Obstetrics II
DMS 336	3	Sonographic Abd. & Small Parts Path II
DMS 360	3	DMS Specific Practicum V*
DMS 362	2	DMS Specific Practicum VI*
DMS 338	4	Obstetrics & Gynecology
DMS 340	4	Vascular Technology II
DMS 342	1	Adv. DMS Specific Comprehensive Lab*
DMS 364	3	DMS Specific Practicum VII*
DMS 344	1	Neurosonography
Total Credits:	79	