HEALTH SCIENCES

GUIDED PATHWAY: RADIOLOGIC SCIENCES-RADIOLOGIC SCIENCES AAS (BHC)

For more information, visit www.dcccd.edu/RadSci and your academic advisor at Brookhaven College.

This is an example course sequence for students interested in pursuing the Radiologic Sciences degree at Brookhaven College. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (AAS) degree in Radiologic Sciences-Brookhaven College [ii]. For official degree requirements, click here.

The AAS degree program in Radiologic Sciences-Brookhaven College prepares the student to become a professional radiologic technologist with a specialty in radiography. The radiographer uses radiation to produce internal images of the patient which are used by the physician to make a diagnosis. For the vast majority of diagnostic procedures, the radiographer has total responsibility for the care and well-being of the patient and must be prepared to produce quality images with care and empathy. The graduate radiographer is eligible to sit for the examination given by the American Registry of Radiologic Technologists and eligible to be a Certified Medical Radiologic Technologist licensed by the Texas Department of Health. Radiographers work in hospitals, physician's offices, and primary care facilities. Completion of the program and successful completion of the ARRT examination provides the graduate with credentials to continue their education in other radiologic specialty disciplines. Gainful employment information for this degree can be found at www.dcccd.edu/gainfulemp. Courses that complete the Degree (D) are noted below.

Visit www.ntxccc.org/pathways to view guided pathways created for students who complete an AAS degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your college to choose courses that will help you to transfer to a specific university.

ONLY Offered at BHC

COLLEGE READINESS REQUIREMENTS

Enrolling in one or more courses may be necessary if assessment activities and previous academic experiences indicate a need for additional knowledge and skills:

READING & WRITING PLACEMENT	MATH PLACEMENT	ENGLISH LANGUAGE PROFICIENCY
TSI READING MET: __YES __NO TSI WRITING MET: __YES __NO	TSI MATH MET: __ YES __NO	ENGLISH PROFICIENCY:__ YES __NO

IF TSI OR ENGLISH LANGUAGE PROFICIENCY NOT MET, INSERT COURSE(S) NEEDED

☐ DREA / DWRI / DIRW *(CIRCLE ONE)* _____ ☐ OTHER: _____	☐ DMAT _____ ☐ OTHER: _____	☐ ESOL _____ ☐ OTHER: _____

Exemptions/waivers may exist. Speak with an academic advisor regarding placement in college readiness courses and your ability to enroll in core academic coursework.

THIS PATHWAY WAS LAST UPDATED ON JULY 23, 2019

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS [iii]

ALL MAPS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

D	PREREQUISITES [iv]	ACTION ITEMS
♦	**ENGL 1301** – Composition I [v] *(core course)*	☐ Meet with your advisor to confirm academic and career goals before the end of the semester. ☐ Meet with a career advisor or coach to research your career options and opportunities for job shadowing.
♦	**MATH 1314** – College Algebra [v] *(core course)*	
♦	**BIOL 2401** – Anatomy and Physiology I [vi] *(core course)*	
♦	**RADR 1201** – Introduction to Radiography	
♦	**RADR 2209** – Radiographic Imaging Equipment	
	TOTAL SEMESTER CREDIT HOURS: 14	

D	SEMESTER 1 (Summer)	ACTION ITEMS
♦	**RADR 1203** – Patient Care	☐ Meet with your advisor to request an official program of study audit, confirm or update your academic/career path and program of study. ☐ Meet with faculty to discuss your program progress.
♦	**RADR 1311** – Basic Radiographic Procedures	
♦	**SOCI 1301** – Introduction to Sociology *(core course)* ***OR*** **PSYC 2301** – General Psychology *(core course)*	
	TOTAL SEMESTER CREDIT HOURS: 8	

D	SEMESTER 2 (Fall)	ACTION ITEMS
♦	**RADR 1470** – Principles of Radiographic Imaging I	☐ Meet with faculty to discuss your program progress.
♦	**RADR 2401** – Intermediate Radiographic Procedures	
♦	**RADR 1291** – Special Topics in Medical Radiologic Technology/Technician	
♦	**BIOL 2402** – Anatomy and Physiology II [vi] *(core course)*	
	TOTAL SEMESTER CREDIT HOURS: 14	

D	SEMESTER 3 (Spring)	ACTION ITEMS
♦	**RADR 1367** – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer	☐ Meet with faculty regarding placement for the Clinical Practicum course. ☐ Meet with faculty to discuss your program progress.
♦	**RADR 1302** – Radiographic Image Evaluation I	
♦	**RADR 2217** – Radiographic Pathology	
♦	**RADR 2333** – Advanced Medical Imaging	
	TOTAL SEMESTER CREDIT HOURS: 11	

D	SEMESTER 4 (Summer)	ACTION ITEMS
♦	**RADR 2213** – Radiation Biology and Protection	☐ Meet with a career advisor or coach for assistance in preparing for job search. ☐ Meet with faculty to discuss your program progress
♦	**RADR 2266** – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer	
	TOTAL SEMESTER CREDIT HOURS: 4	

D	SEMESTER 5 (Fall)	ACTION ITEMS
♦	**RADR 2367** – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer	☐ After reviewing your degree plan and program of study, apply for Graduation. ○ Meet with your advisor to apply for the Radiologic Sciences AAS at BHC. ○ Sign up for commencement. ☐ Join the Alumni Network!
♦	**RADR 2235** – Radiologic Technology Seminar	
♦	**SOCI 1306** – Social Problems *(core course)*	
♦	**PHIL 2306** – Introduction to Ethics *(core course)*	
	TOTAL SEMESTER CREDIT HOURS: 11	

AAS DEGREE MINIMUM: 62 SEMESTER CREDIT HOURS | PATHWAY TOTAL: 62 SEMESTER CREDIT HOURS

[i] Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.
[ii] Students must earn at least 25% of the credit hours (15 hours) required for graduation at Brookhaven College.
[iii] This is not an official degree plan. For official degree requirements, click here.
[iv] Prerequisite courses must be completed with a 3.0 grade point average or higher and a "B" or higher in SCIT 1407 or BIOL 2401.
[v] You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course.
[vi] To register for BIOL 2401 you must complete the prerequisite: A grade of "C" or better in BIOL 1406. To register for BIOL 2402 you must complete the prerequisite BIOL 2401.

Dallas County Community College District