

**BACONE COLLEGE**  
Radiologic Sciences

Associate of Applied Science Degree in Sonography  
(AAS)

*Visit our website [www.bacone.edu](http://www.bacone.edu)*

# **BACONE COLLEGE**

## **SONOGRAPHY ADMISSIONS PROCESS & REQUIREMENTS**

The sonography applicant must meet the following criteria to be considered for admission into the Bacone College Sonography Program.

### **Application Process:**

The review of applications will begin February 1, of each year, and will continue until all allotted availability is filled. One class is admitted each year beginning in June, the summer semester. It is the applicant's responsibility to ensure that the following documentation is returned to the Admissions Office. For questions contact Admissions at 1-888-682-5514.

Selection of and treatment of students while in the program is non-discriminatory with respect to any legally protected status such as race, color, religion, gender, age, disability, national origin, religion, financial ability and any other protected class.

- Complete application to Bacone College at [www.bacone.edu](http://www.bacone.edu)
- Complete application to Bacone Health Sciences, specifically for Sonography
- Complete Hesi Admission Assessment Test
- Complete application for financial aid (FASFA) and dormitory resident
- Submit official copy of High School transcript
- Submit ACT scores and/or all official copies of college transcripts
- Complete 8 hours of clinical observation and submit form found in packet
- Completion of a background check with the information provided in the packet

*Note: Applicants that have been convicted of a felony, been declared judicially incompetent, or have had a drug problem may not be permitted to take the certification examination and should discuss this with the radiologic science program faculty member upon application process.*

### **Admissions Requirements:**

- Acceptance into Bacone College
- Minimum ACT composite of 19 or 2.6 or better GPA in 12 credit hours that count towards the Associates of Applied Science degree in Sonography
- Minimum ACT score of 20 in math or Intermediate Algebra course passed with at least a “C”
- Meet the physical standards of Sonography. See attached form
- Each qualified applicant will be required to schedule an appointment with the Program Director, Cindy Rich, to go over information about the program- 918-781-7321
- A laptop is a requirement for this program

### Admissions Process:

#### **Once the application process and admissions requirements are completed:**

- Each applicant will have a completed admission score sheet to tabulate for scoring and to aid in the numerical ranking of applicants
- Beginning with the highest score, applicants will be granted admission until the class is filled. Class size varies each year according to the number of clinical sites available
- Applicants can be admitted with no conditions, conditions, alternate, or if declined, enter the Pre-Sonography program. If conditions are to be met these have to be completed within the first semester of the program
- If an applicant accepts, then the “Intent to Accept” letter must be returned with a signature
- If an applicant declines, then the alternate list will be accessed

### Criteria following acceptance into the program:

#### ***Once an individual has been accepted:***

- Individual needs to set up an appointment with the Program Director, Cindy Rich, to enroll. Office number is 918-781-7321.

***The following must be met by June start date. If they are not met, applicant will be dismissed from the program. Expenses are the responsibility of the student. Provide valid copies of each to the Sonography Program Director or Clinical Coordinator.***

- Submit a complete physical with physician signature on the form provided on the first day of class
- Complete all required immunizations and provide valid copies to the Program.  
*MMR 1 & 2 or titre, tetanus, Hep B 1,2 & 3 or waiver, Varicella 1 & 2 or titre, and TB skin test (yearly)*
- Submit proof of health insurance or sign waiver
- Submit proof of completed CPR course, must be level of *healthcare provider by the American Heart Association*. **No others will be accepted.** Students will be notified if the program will provide a class or if they will need to find one on their own
- A 10- panel urine drug screen

**APPLICATION FOR ADMISSION  
TO THE BACONE COLLEGE  
SONOGRAPHY PROGRAM**

With the exception of name and address, all information above the dotted line is optional and used for statistical information only.

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
          Last                      First                      Maiden/Previous Married Name

MAILING ADDRESS: \_\_\_\_\_  
                          Street or Box No.                      City                      County                      State                      Zip

TELEPHONE: \_\_\_\_\_ BIRTHDATE: \_\_\_\_\_ GENDER: \_\_\_\_\_

**Optional:**  
ETHNICITY: \_\_\_\_\_

TRIBE: (If American Indian/Alaskan Native) \_\_\_\_\_

MARITAL STATUS (Circle One): S M W D      YOUR OCCUPATION: \_\_\_\_\_

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DATE of HIGH SCHOOL GRADUATION (or the equivalent):  
\_\_\_\_\_

ACT SCORES:  
(Prior to October 1989) English \_\_\_\_\_ Math \_\_\_\_\_ Social Science \_\_\_\_\_ Natural Science \_\_\_\_\_ Composite \_\_\_\_\_  
(After to October 1989) English \_\_\_\_\_ Math \_\_\_\_\_ Reading \_\_\_\_\_ Science Reasoning \_\_\_\_\_ Composite \_\_\_\_\_

DATE ACT WAS TAKEN: \_\_\_\_\_

**HAVE YOU TAKEN THE FOLLOWING COURSES IN HIGH SCHOOL OR COLLEGE?**

Intermediate Algebra: (taken in College) Course(s) \_\_\_\_\_ Grade: \_\_\_\_\_

Where: \_\_\_\_\_

College Algebra: (Course(s): \_\_\_\_\_ Grade: \_\_\_\_\_

Where: \_\_\_\_\_

Biology: Course(s) \_\_\_\_\_ Grade: \_\_\_\_\_

Where: \_\_\_\_\_

Anatomy & Physiology I and II: Course(s) \_\_\_\_\_ Grade: \_\_\_\_\_

(must be within the last 5 years) Where: \_\_\_\_\_

Chemistry: Course(s): \_\_\_\_\_ Grade: \_\_\_\_\_

Where: \_\_\_\_\_

English Comp I and II: (taken in College) Course(s): \_\_\_\_\_ Grade: \_\_\_\_\_

Where: \_\_\_\_\_

COLLEGES and/or VOCATIONAL SCHOOLS ATTENDED: \_\_\_\_\_  
(Official transcripts from all colleges attended are to be submitted to Office of Admissions)

IF YOU FEEL THAT YOUR SCHOLASTIC PERFORMANCE TO DATE IS NOT A TRUE INDICATION OF YOUR ABILITY, USE THIS SPACE TO EXPLAIN: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

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WHO REFERRED YOU TO THE SONOGRAPHY PROGRAM?

\_\_\_\_ Parent \_\_\_\_ Counselor \_\_\_\_ Teacher \_\_\_\_ Bacone College Recruiter \_\_\_\_ Bacone College Student  
\_\_\_\_ Alumni \_\_\_\_ Other \_\_\_\_ Media (Indicate) \_\_\_\_\_

HEALTH RELATED  
EXPERIENCE: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

WOULD YOU COMMUTE? \_\_\_\_\_ FROM WHERE? \_\_\_\_\_ ROUND TRIP MILEAGE? \_\_\_\_\_

WOULD YOU LIVE IN THE RESIDENCE HALLS? \_\_\_\_\_

WHY DO YOU WISH TO BECOME A SONOGRAPHER OR PURSUE AN ASSOCIATES OF APPLIED SCIENCE DEGREE?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

WHY DID YOU SELECT BACONE'S SONOGRAPHY PROGRAM?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**\*\*A PHYSICAL EXAMINATION IS REQUIRED BY THE CONTRACTING AGENCY BEFORE STUDENTS CAN PRACTICE IN THE CLINICAL SETTING.**

(Do not have the physical examination until after you have been admitted into the program.)

# BACONE COLLEGE

## Curriculum and Course Sequencing for DMS

Total Semester Hours—73

### Freshman Summer Term

RAD 1101	Medical Terminology	1
ENG 1113	English Comp I	3
DMS 1113	Sonographic Approach to Anatomy w/lab	<u>3</u>
		7

### Freshman Fall Term

DMS 1123	Introduction to Ultrasound Physics	3
BIO 2134	Human Anatomy/Physiology I w/lab	4
DMS 1103	Introduction to DMS	3
DMS 2034	Abdomen Ultrasound w/lab	4
DMS 1132	Clinical I	<u>2</u>
		16

### Freshman Spring Term

DMS 2073	Ultrasound Physics and Instrumentation	3
BIO 2134	Human Anatomy/Physiology II w/lab	4
DMS 2133	Vascular Sonography I w/lab	3
DMS 2083	OB/GYN I w/lab	3
DMS 1232	Clinical II	<u>2</u>
		15

### Sophomore Summer Term

DMS 2032	Physics Registry Review	2
DMS 1332	Clinical III	2
AIS	American Indian Studies	<u>3</u>
		7

### Sophomore Fall Term

DMS 2093	OB/GYN II w/lab	3
DMS 2133	Vascular Sonography II w/lab	3
DMS 2523	Clinical IV	3
ENG 1213	English Comp II	3
Rel	Religion	<u>3</u>
		15

### Sophomore Spring Term

DMS 2053	Small Parts w/lab	3
DMS 2041	Biologic Effects of Ultrasound	1
DMS 2063	Abdominal Registry Review	3
DMS 2363	Clinical V	3
SPC 1713	Speaking and Thinking Critically	<u>3</u>
		13

## WORKER CHARACTERISTICS AND QUALITIES OF A SONOGRAPHER

The following are specific aptitudes, abilities, and skills of a good sonographer. It is important to realize that aptitudes are not skills or abilities but rather undeveloped and untrained talents. The possession of an aptitude produces a natural tendency to do well. The following categories list some of the most desirable sonographer qualities.

### 1. INTELLECTUAL CURIOSITY

- ◆ Sonographers should be intrigued by science and challenged by the thought of putting it to work to help people.

### 2. EAGERNESS AND PERSEVERANCE

- ◆ Candidates for sonography training must be willing to attend an academic program beyond high school level and be ready to spend untold hours studying.
- ◆ Sonographers are required to take scientific courses and be able to integrate that knowledge in their clinical activities to produce better scans.
- ◆ Sonographers are expected to constantly strive to improve their scanning abilities, learn new specialty areas, and further your education.

### 3. CRITICAL THINKING AND ANALYTIC CAPABILITIES

- ◆ Sonographers must be capable of making accurate, independent judgments.
- ◆ Sonographers must be able to plan and organize time and resources to adapt to the pace of an examination to fit prevailing needs.

### 4. TECHNICAL ORIENTATION

- ◆ Sonographers must be able to conceptualize images in 2-D and 3-D form.
- ◆ Sonographers must be able to possess good psychomotor skills.
- ◆ Sonographers must be interested in working with their hands and with equipment.
- ◆ Sonographers must be willing to learn new technical skills
- ◆ Sonographers must be able to organize and accurately perform the individual steps in a sonographic procedure in the proper sequence

### 5. PHYSICAL DEXTERITY

- Must possess good hand coordination
- Must be able to manipulate the transducer in minute angles or tilts to achieve the best sound transmission.
- Must be able to use non-scanning hand simultaneously to change control settings, monitor display and recording devices
- Have full use of both hands, wrists, and shoulders
- Must be able to bend and stoop routinely

## 6. PHYSICAL HEALTH

- Be able to handle stress and be skilled in helping others overcome stress
- Walk and stand for about 80% of a normal workday
- Maneuver through congested area(s) or unit(s) to perform portable examinations.
- Push/pull medical equipment when doing portable examinations.
- Weight must allow free movement within a small work area, must be able to move quickly during patient emergencies, and squeeze in small areas while performing portable procedures

## 7. ADAPTIVE ABILITY:

- Complete tasks or job functions within deadlines
- Complete tasks or functions under stressful conditions
- Track and complete multiple tasks at the same time
- Perform independently within minimal supervision
- Interact appropriately with diverse personalities

## 8. VISUAL ACUITY:

- Must be able to work in dimly lit areas because ultrasounds are completed in a dimly lit room
- Read protocol for sonography procedures in the department
- Adequately view sonograms, including color distinctions

## 9. HEARING ACUITY:

- Hearing must be sufficient to communicate with others
- Hear and retain pertinent information to rely instructions
- Hear and respond to patient questions and clinical history while processing a request
- Distinguish audible sounds

## 10. SPEAKING ABILITY:

- Speak clearly and loudly enough to be understood by a person in the department or on the phone
- Communicate effectively with patients and health care professionals

## 11. SELF DIRECTION:

- Must be creative, able to roll with the punches and make independent decisions
- Capable of remaining unaffected by disruption of routine

## 12. EMOTIONAL STABILITY:

- Should be stimulated by the prospect of daily involvement in life and death situations

## 13. DEDICATION:

- Should be sensitive and giving
- Must be dedicated to their profession



**BACONE COLLEGE**  
**RADIOLOGIC TECHNOLOGY**  
**STATEMENT OF TECHNICAL STANDARDS**  
**(WORKER CHARACTERISTICS FOR A SONOGRAPHER)**

I have received a copy of the Bacone College Technical Standards (Worker Characteristics for a Sonographer). I understand that these are typical standards that are expected of a sonographer in a typical work situation.

**Please check the applicable response.**

\_\_\_\_\_ I **am not able** to meet the standards. Therefore, I ask that my name be withdrawn from the list of those to be considered for admission to the Sonography Program.

\_\_\_\_\_ I **am able** to meet all of the standards **except** (list all) \_\_\_\_\_  
\_\_\_\_\_.

I ask to be evaluated for this / these standard(s).

\_\_\_\_\_ I **am able** to meet all of the standards, and want to be considered for admission to the Sonography Program.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**BACONE COLLEGE  
DEPARTMENT OF RADIOLOGIC SCIENCES  
OBSERVATION EXPERIENCE**

**SONOGRAPHY**

An 8 hour observation experience is a requirement of the application process. This experience must be done in a sonography department, preferably in a hospital setting. The purpose of this requirement is to give the applicant a realistic idea of the role of the sonographer.

1. An application for admission must be on file before you can arrange your observation time.
2. Choose a clinical site from the choices provided. You may do more than 8 hours observation and you may choose to break the 8 hours down between different clinical sites.
3. Call the clinic site and speak to the contact person listed, to make an appointment. This must be done in advance.
4. Dress appropriately. You should be neat, clean and look professional. Shoes should be clean and comfortable; you will be on your feet for a long time. Clothes should be pressed and conservative. Jeans are not acceptable.
5. Arrive at the clinic site on time and report to the department.
6. Confidentiality of patient information is of utmost importance. You must follow HIPAA guidelines, information regarding individuals' names and or treatment must not be discussed in any manner. Any variance from the stated guidelines may result in litigation and/or prosecution.
7. After completion of the observation, the applicant should have the appropriate observation form completed by the contact person or a registered technologist and then submit to the admissions department at Bacone College.

**Clinical Affiliates**

Name	Location	Clinical Instructor	Phone Number
Tahlequah City Hospital	1400 East Downing Tahlequah Ok. 74464	Human Resources	918-453-2170

**BACONE COLLEGE  
CLINICAL OBSERVATION-VERIFICATION STATEMENT  
SONOGRAPHY**

**Applicant:** \_\_\_\_\_

**Date observed:** \_\_\_\_\_

**Clinical observation site:** \_\_\_\_\_

**Number of hours observed:** \_\_\_\_\_

Please list the exams that you observed. You should observe a wide variety of exams and modalities, if possible.


What did you like most about your observation? \_\_\_\_\_

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What did you dislike most about your observation? \_\_\_\_\_

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Describe your feelings about the field of sonography. Have they changed since your observation? Why or why not?


**For sonographer use only:**

Please score the applicant appropriately in the areas below.	Needs improvement	Average	Above average
Attitude			
Interest			
Initiative			
Professional appearance			
Communication skills			
Adaptability			

Additional Comments:


Sonographer's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Applicant must return completed form to admissions department at Bacone College.**

**BACONE COLLEGE  
SONOGRAPHY COST SHEET  
2012--2013**

**Tuition: \$470/credit hour**

Summer .....	\$322/credit hour
SUM04 Fees.....	\$650.00/semester
Fall/Spring.....	\$5,450/semester
Fees for Fall & Spring.....	.\$1,300/semester

**Uniforms and Supplies:** (Expense is Responsibility of Student)

Scrub Uniforms per year (4).....	\$150.00
Scrub Logo Patch.....	\$8.00 each
White leather shoes per year (2).....	\$100.00
Lab Coat.....	\$35.00
Good watch with second hand.....	\$35.00
Polo shirt for events.....	\$20.00

**Miscellaneous Fees:**

BSDMS Membership (annual).....	\$10.00
Lambda Nu (if applicable)(one time fee).....	\$40.00
Phi Theta Kappa (if applicable).....	\$60.00
Alpha Chi (if applicable).....	\$60.00

**Graduation Fees:**

Application for graduation.....	\$75.00
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**Books and Course Materials Fees:**

Cost of books per year.....	\$800.00
Laptop.....	\$600.00
Lab fees, Liability Insurance, (attached to DMS Lab fees).....	\$85.00
Convention fees (attached to Clinical IV, DMS 2523).....	\$995.00
Physics registry review fees (attached to Physics Class, DMS 2074).....	\$450.00
Trajecsys:Clinical Tracking System (attached to DMS 1132).....	\$150.00

**BACONE COLLEGE  
SONOGRAPHY PROGRAM  
APPLICATION REVIEW**

Each applicant to the Sonography program will be reviewed according to the following criteria and receive points for meeting the criteria. Points will then be totaled and applications ranked. Application must be submitted by February 1<sup>st</sup> for consideration from the application committee during the spring semester for summer admission. Maximum points possible is 14 points.

Criteria					Points earned
Completed College Biology or AP Biology					3
<b>OR</b> in process of completing College Biology					2
<b>OR</b> satisfactorily completed HS Biology with C or better					1
GPA in <b>12 college credits</b> applying toward the Sonography degree: <b>3.50-4.00</b>					3
<b>3.00-3.49</b>					2
<b>2.60-2.99</b>					1
<b>OR</b>					--
ACT composite: <b>27 or better</b>					3
<b>24-26</b>					2
<b>19-23</b>					1
Course	Grade Earned	Score Tallied	Course	Grade Earned	Score Tallied
English Comp I (3)			Anatomy (or A&P I) (4)		
English Comp II (3)			Physiology (or A&P II) (4)		
Religion (must be 3 credits)			College Algebra (3)		
Intro to AIS (3)			Intermediate Algebra (3)		
Medical Terminology (1)			Speech (3)		
Human Biology (4)			<b>TOTAL GPA</b>		
Completed College Anatomy or A&P I with a grade of C or better					2
In process of completing College A&P I					1
No A&P I in process or took twice with a grade of C					0
Completed College Physiology or A&P II with a grade of C or better					2
In process of completing College A&P II					1
No A&P II in process or took twice with a grade of C					0
ACT Math score of <b>20 OR</b> evidence of enrollment					2
Satisfactory completion of intermediate or higher level Algebra					1
ACT Math score less than 20 with no satisfactory completion of Intermediate Algebra or higher					0
Pre-Sonography Bacone Student					2
Current Bacone Student					1
ACT English 19 or higher					Y
ACT Reading 19 or higher					Y
<b>APPROVED _____ DENIED _____</b>					<b>TOTAL</b>
<b>SCORE</b>					
Signatures of Faculty Involved & dated:					
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CertifiedBackground.com

## STUDENT INSTRUCTIONS FOR BACONE COLLEGE – HEALTH SCIENCES

### About CertifiedBackground.com

CertifiedBackground.com is a service that allows students to order their own background checks online. Information collected through CertifiedBackground.com is secure, tamper-proof and kept confidential. The services performed are based on guidelines provided by your school, so you know you will receive all the information you need from one source. Your results will be posted on the CertifiedBackground.com website where the student, as well as the school, can view them.

### Before Placing Your Order

- > **Required Personal Information**
  - In addition to entering your full name and date of birth, you will be asked for your social security number, current address, phone number and email address.
- > **Payment Information**
  - At the end of the online order process, you will be prompted to enter your Visa or Mastercard information. Money orders are also accepted but will result in a \$10 fee and an additional turnaround time.

### Place Your Order

Go to: [www.CertifiedBackground.com](http://www.CertifiedBackground.com), click on "Students" & enter package code: BB20

### View Your Results

After placing your order on CertifiedBackground.com, you will receive a confirmation email that will contain the password needed to access your results and view any missing information required to process your order.

Go to: [www.CertifiedBackground.com](http://www.CertifiedBackground.com), enter the password provided, then click "View". On the next screen, enter the last 4 digits of your social security number to access your information.

Although 95% of background check results are completed within 3-5 business days, some results may take longer. To see your order status, return to CertifiedBackground.com with your password. Your order will show as "In Process" until it has been completed in its entirety. Your school's administrator can also securely view your results online with their unique username and password.

If you have any additional questions, please contact Certified Background Student Support at (888) 666-7788 Ext. 1 or email: [customerservice@certifiedbackground.com](mailto:customerservice@certifiedbackground.com).