Sacramento Ultrasound Institute

Info Packet

Admissions: (916) 877-7977    admissions@sui.edu

For more information about the Diagnostic Medical Sonography program, please visit www.sui.edu
Accreditation & Approvals

Accreditation is the recognition that an institution maintains standards requisite for its graduates to gain admission to other reputable institutions of higher learning or to achieve credentials for professional practice. The goal of accreditation is to ensure that education provided by institutions of higher education meets acceptable levels of quality.

There are two basic types of educational accreditation, one identified as “institutional” and one referred to as “specialized” or “programmatic.” Institutional accreditation normally applies to an entire institution, indicating that each of an institution’s parts is contributing to the achievement of the institution’s objectives, although not necessarily all at the same level of quality.

Specialized accreditation normally applies to the evaluation of programs, departments, or schools which usually are parts of a total collegiate or other postsecondary institution. The unit accredited may be as large as a college or school within a university or as small as a curriculum within a discipline. Most of the specialized accrediting agencies review units within a postsecondary institution which is accredited by one of the regional accrediting commissions. However, certain of the specialized accrediting agencies accredit professional schools and other specialized or vocational or other postsecondary institutions which are free-standing in their operations. Thus, a “specialized” or “programmatic” accrediting agency may also function in the capacity of an “institutional” accrediting agency. In addition, a number of specialized accrediting agencies accredit educational programs within non-educational settings, such as hospitals.

Can the institutional accreditation system be used to determine whether my credit hours will transfer or what courses will satisfy my professional license renewal?

Accreditation does not provide automatic acceptance by an institution of credit earned at another institution, nor does it give assurance of acceptance of graduates by employers. Acceptance of students or graduates is always the prerogative of the receiving institution or employer.

For these reasons, besides ascertaining the accredited status of a school or program, students should take additional measures to determine, prior to enrollment, whether or not their educational goals will be met through attendance at a particular institution. These measures should include inquiries to institutions to which transfer might be desired or to prospective employers and, if possible, personal inspection of the institution at which enrollment is contemplated.

In 1983, Sierra Hi Tech opened to train men and women in the Carmichael area in Drafting, CADD, Electronic Repair, Assembly and Computer related fields. In 2002, the administration incorporated and changed the name to College of Career Training. Medical practice programs and trade industry practices were offered to upgrade the education to the 21st Century opportunities of employment with Medical Claims / Billing, Physical Therapy Aide, Diagnostic Medical Sonography and Health and Environmental programs. In 2009 CCT shifted focus of programs into offering healthcare training while maintaining its core structure and teaching philosophies. In 2011, College of Career Training changed its name to the Sacramento Ultrasound Institute to better reflect its new focus.

**SUI Mission Statement**

In keeping with the mission of Sacramento Ultrasound Institute, the Sonography Programs are committed to providing students with a well-rounded education in the General Learning (Abdominal and Ob/Gyn) and Vascular Technology with optional Echocardiography Concentration.

<table>
<thead>
<tr>
<th>2016 Graduation Rate</th>
<th>85%</th>
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<tbody>
<tr>
<td>2016 Placement Rate</td>
<td>83%</td>
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For more information about program performance, please view the Satisfactory Performance Fact Sheet on [www.sui.edu](http://www.sui.edu)

**Program Goals**

The goals of the SUI Sonography Programs respond to the expectations of the communities of interest served by the Programs: students, graduates, faculty, employers (institutions and physicians), patients, Sacramento Ultrasound Institute, and the profession of Sonography. Achievement of these goals is assessed through annual Program Evaluation Plan (graduate and employer surveys, and employment rates) which is reviewed relative to the ABHES Guidelines. The Sonography faculty and Advisory Committees review outcome reports annually and make recommendations for changes to the curricula if outcomes do not meet benchmark levels. On-going assessment of course content and structure is performed by the Sonography faculty through the use of end-of-course evaluations and SUI faculty evaluations.

The Sonography Programs include instruction in sonographic practices and principles and basic to advanced medical imaging skills intended to prepare the student for employment in the field of diagnostic medical ultrasound.

The DMS Advanced curriculum was designed according to:

- NEC Specialty Curricula- Abdomen and Superficial Structures
- NEC Specialty Curricula- Cardiac
- NEC Specialty Curricula- Vascular Technology
Program Overview

The student receives one thousand four hundred ninety five (1495) hours of didactic and laboratory instruction and eight hundred (800) hours of clinical education allowing them to apply the lecture topics to practical use. The curriculum is designed to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The program is designed to facilitate the development of each student to meet the needs of the growing healthcare industry. In addition, the program prepares students to take their ARDMS examinations. Upon completion of the program, a diploma is awarded. Normal completion time for this program is 96 weeks excluding any holiday and vacation times.

Admissions Requirements

a) Comply with the General Admissions Requirements for All Programs. and
b) Associate’s Degree in any field

Curriculum

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<tr>
<th>Code</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Lab</th>
<th>Clinical</th>
<th>Total</th>
<th>Credits</th>
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<td>DMS400</td>
<td>Arterial / Vascular</td>
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<td>Total For Program</td>
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<td>711</td>
<td>780</td>
<td>2295</td>
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Arterial/Vascular / 10 Credits
Scanning protocols and practice in ultrasound examination of the vascular structure. Medical & Sonography vocabulary, Anatomy, Pathology, and Physiology of the Vascular and Arterial system. An Introduction to Vascular Ultrasound with Doppler and Color Flow. The course teaches lower extremities Vascular, Arterial, and Carotid Arteries. Also, Medical and Sonography terminology.

Echocardiography 1 / 23 Credits
This course covers cardiac anatomy and physiology with particular attention to cardiac electrical activity and the interpretation of electrocardiograms. The student echocardiographer develops skill in recognizing normal sinus rhythm versus atypical cardiac rhythms. Students learn to interpret common cardiac dysrhythmias, including sinus, atrial, junctional, and ventricular, and integrate this skill into the daily practice of echocardiography.

Echocardiography 2 / 5.5 Credits
This course offers an introduction to congenital heart disease with instruction on fetal cardiac embryology, pediatric pathology, age appropriate patient care, corrective surgical procedures. Emphasis is placed on the latest modalities and specialties of a fetal, pediatric and adult noninvasive cardiac diagnostic study.

Clinical Experience 1 / 6 Credits
This clinical course specifically introduces scanning techniques, scan protocols and procedures within the laboratory setting and an orientation to the clinical setting. Topics of this course include sonographer/patient interaction, application of ultrasound instrumentation, ergonomics, and exam protocols for the aorta, IVC, liver, biliary system, pancreas, spleen, urinary system, potential abdominal spaces, female pelvis, and superficial structures.

Clinical Experience 2 / 5.5 Credits
Students participate in the clinical experience building on skills acquired during previous clinical experience. Students demonstrate competency in clinical and patient skills as well as correlation of pathological processes and normal variants to ultrasound. Utilizing correct sonography equipment settings and operations, students perform and complete ultrasound competencies of the abdomen, non-gravid and gravid female pelvis, and small parts.

Clinical Experience 3 / 5 Credits
Students participate in the clinical experience building on skills acquired during previous clinical experience. Students demonstrate competency in clinical and patient skills as well as correlation of pathological processes and normal variants to ultrasound. Utilizing correct sonography equipment settings and operations, students perform and complete all remaining competencies for the program.
DMS Info Packet 2016/17

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