

March 20, 2019

MEMORANDUM

TO: State Board of Regents
FROM: David L. Buhler
SUBJECT: USHE – Proposed Differential Tuition for 2019-2020

Issue

Board of Regent Policy R510, *Differential Tuition* requires the Board to approve all differential tuition schedules for new and existing academic programs. The following institutions seek Board approval for academic year 2019-2020.

Background

The Board may authorize differential tuition schedules for programs on a case-by-case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The institution shall use increased revenues from the differential tuition rate to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

- Student and market demand for the program
- Impact of differential tuition rates on student access and retention
- Tuition rates of comparable programs at other institutions
- Potential earnings capacity of program graduates
- Societal importance of the program

University of Utah is proposing differential tuition for the School of Medicine Masters of Science in Clinical Investigation. The graduate program would assess \$153.87 per credit hour in addition to regular graduate tuition effective fiscal year 2019-2020.

Weber State University is proposing differential tuition in the Annie Taylor Dee School of Nursing on all graduate courses in the school. Graduate level courses numbered 6000-7999 assessed an additional \$30.36 per credit hour beginning summer semester 2019-2020 (see attachment 2).

Dixie State University is proposing differential tuition in six Health Science programs that will replace all existing undergraduate course and program fees. 1) Emergency Medical Services of \$80 per credit hour; 2) Medical Laboratory Science of \$143 per credit hour; 3) Medical Radiography of \$60 per credit hour; 4) Physical Therapist Assistant of \$90 per credit hour; 5) Respiratory Therapy of \$63 per credit hour; and 6) Surgical Technology of \$105 per credit hour.

Dixie State University is also proposing three new graduate tuition schedules. 1) Technical Writing and Digital Rhetoric would assess \$345 per credit hour for residents and \$800 for nonresidents; 2) Athletic Training \$350 per credit hour for residents and \$850 for nonresidents; and 3) Marriage and Family Therapy \$400 per credit hour for residents and \$715 for nonresidents (see attachments 3-11).

Utah Valley University is proposing differential tuition in the new Physician Assistant program on all resident graduate courses of \$856 per credit hour and \$1,626 for nonresidents per credit hour before and after the plateau beginning spring semester 2020 (see attachment 12). New graduate programs in Financial Planning and Analytics will utilize the existing Masters of Accountancy tuition schedule and Marriage and Family Therapy will utilize the existing Social Work tuition schedule.

The following table summarizes proposals for each institution:

Institution	Course Level	College/Program	Per Credit Hour
University of Utah	Graduate	Clinical Investigation	\$153.87
Weber State University	Graduate	Annie Taylor Dee School of Nursing	\$30.36
Dixie State University	Undergraduate	Emergency Medical Services	\$80
Dixie State University	Undergraduate	Medical Laboratory Science	\$143
Dixie State University	Undergraduate	Medical Radiography	\$60
Dixie State University	Undergraduate	Physical Therapist Assistant	\$90
Dixie State University	Undergraduate	Respiratory Therapy	\$63
Dixie State University	Undergraduate	Surgical Technology	\$105
Dixie State University	Graduate	Technical Writing and Digital Rhetoric	Res:\$345; NR:\$800
Dixie State University	Graduate	Athletic Training	Res:\$350; NR:\$850
Dixie State University	Graduate	Marriage and Family Therapy	Res:\$400; NR:\$715
Utah Valley University	Graduate	Physician Assistant	Res:\$856; NR:\$1,626*

*Resident and Nonresident per credit hour with plateau beginning at 10+

Attachment 1: UU Graduate Courses in School of Medicine Clinical Investigation

Attachment 2: WSU Graduate Courses in the Annie Taylor Dee School of Nursing

Attachment 3: DSU Undergraduate Courses in Emergency Medical Services

Attachment 4: DSU Undergraduate Courses in Medical Laboratory Science

Attachment 5: DSU Undergraduate Courses in Medical Radiography

Attachment 6: DSU Undergraduate Courses in Physical Therapist Assistant

Attachment 7: DSU Undergraduate Courses in Respiratory Therapy

Attachment 8: DSU Undergraduate Courses in Surgical Technology

Attachment 9: DSU Graduate Courses in Technical Writing and Digital Rhetoric

Attachment 10: DSU Graduate Courses in Athletic Training

Attachment 11: DSU Graduate Courses in Marriage and Family Therapy

Attachment 12: UVU Graduate Courses in Physician Assistant

Attachment 13: Summary of Current USHE Institutions with Differential Tuition Schedules

Commissioner's Recommendation

To improve transparency and accountability, the Board directs the Commissioner's Office to consider and bring to them policy changes requiring that differential tuition rates receive periodic review. Further, the Commissioner recommends approval of the all proposed differential tuition amounts and schedules for University of Utah, Weber State University, Dixie State University, and Utah Valley University beginning fiscal year 2019-2020.

DLB/KLH/BLS
Attachments

David L. Buhler
Commissioner for Higher Education



Center for Clinical and Translational Science
26 South 2000 East
Salt Lake City, UT 84112
801.213-4040

MEMO

TO: Board of Regents

FROM: Anthea Letsou, PhD, Co-Director, MSCI Program
Julie Shakib, DO, Co-Director, MSCI Program

DATE: December 13, 2018

REGARDING: MSCI Program Differential Tuition Request

The School of Medicine, MSCI Program is requesting approval of a Differential Tuition for Fiscal Year 2019-2020.

Market Demand

The need for educated professional translational researchers in the United States continues to rise. In particular, we have a high demand for professionals who merge medical expertise with basic research skills to systematically facilitate improvements in healthcare - from bench to bedside and at the level of individuals and populations. Academy Health, a nonpartisan, not-for-profit health services research and policy organization, documents a lack of researchers prepared to take on positions addressing current and future needs of the evolving healthcare system. The University of Utah's MSCI graduate program is designed to meet these needs. NIH/NCATS support for continued MSCI curriculum development at the University of Utah (and comparable institutions) serves as further testament to the national demand for students trained in an MSCI curriculum to enhance our translational workforce.

The University of Utah's MSCI program is distinctive in its two-pronged approach to developing a facile national workforce expert in translational science. Our students are clinicians who we provide with research expertise, and they are also basic scientists who we provide with clinical scholarship. We are uniquely positioned geographically so that our curriculum is seen as valuable to students at neighboring universities, most notably the University of Nevada, Reno (UNR), with whom we are establishing an education and training collaboration. At the heart of this collaboration is a desire by UNR to build a translational research program at their institution. MSCI graduates exhibit a higher retention rate in research sciences (112 of 131 for the last five year reporting period 2014-2018), and are highly competitive in obtaining independent funding (oftentimes federal) to support ongoing research endeavors. Even though the academic programs themselves are not self-sustaining, University investments are recouped in later years in the form of publications and grant awards to former trainees.

Student Demand

The MD and PhD graduates of our MSCI program and similar programs nationwide are responsible for populating a workforce that is highly effective in generating federally funded research projects that serve the health and education missions of the University of Utah and similar R1 research universities.

Despite a critical need to increase the national translational research workforce, student numbers at the University's MSCI program (and similar programs nationwide) are insufficient to compensate faculty engaged in curriculum development and teaching. Utah's average MSCI cohort (15 students per year) is similar to that of peer institution MSCI programs at the Universities of Alabama (17 students per year), Arkansas (13 students per year), Kansas (18 students per year), and New Mexico (15 students per year), although considerably smaller than the average MSCI cohort at the

University of Kentucky (38 students per year). The University of Utah's tuition and fees rank among the lowest in the country (see Table 1). While only moderately lower than tuition and fees at the University of New Mexico, MSCI costs at the University of Utah are approximately 60-65% of the costs at the Universities of Alabama and Kentucky. Small class sizes coupled with the comparatively low cost per credit hour at the University of Utah make it difficult for programs dependent on returned tuition to meet reasonable levels of compensation for our faculty.

The University of Utah's MSCI program is not currently sustainable through normal funding mechanisms, thus, we seek differential tuition to bring our program to equity both with similar MSCI programs nationwide and with other health center masters programs at the University of Utah (e.g. 4% FTE/per credit hour in the Department of Population Health). We are requesting a differential tuition rate of \$153.87 per School Credit Hour (SCH) - see Table 2 for calculations. This will increase student tuition costs by \$4,615.96 over the course of the two-year program. The MSCI program requested differential tuition is lower than other SOM graduate programs (see Table 3). By creating a differential tuition rate, the Utah MSCI program will reach the mid-level range of tuition costs compared to other programs. This new tuition differential will go into effect for new students in Fall 2019.

Table 1

<i>NCATS Western States Consortium Institution (Comparable Programs)</i>	Degree	Full Time Tuition per Semester
University of Alabama	Master Degree	\$ 10,870.00
University of Kentucky	Master Degree	\$ 10,710.00
University of Kansas	Master Degree	\$ 9,100.00
University of Arkansas	Master Degree	\$ 7,820.00
University of New Mexico	Master Degree	\$ 7,130.00
University of Utah	Master Degree	\$ 6,990.00

- Table derived from data in: <https://trends.collegeboard.org/college-pricing/figures-tables/2018-19-state-tuition-and-fees-public-four-year-institutions-state-and-five-year-percentage>

Table 2

PROJECTION PER CREDIT HOUR TO PAY INSTRUCTORS													
<i>Capped Salary</i>	<i>Estimated Benefit Rate</i>	<i>Estimated Salary plus Benefit Total</i>	<i>Suggested FTE % Per SCH taught</i>	<i>Paid Out Per SCH</i>	<i>Average SCH per class</i>	<i>Average Number of Instructors per year</i>	<i>Average Teaching Compensation on per Instructor</i>	<i>Average Total Paid to Instructors Per Year</i>	<i>*Estimated SCH Tuition Returned</i>	<i>Amount Need to cover Teaching Compensation</i>	<i>**Recommended Average Tuition Differential per SCH</i>	<i>Required SCH to Graduate</i>	<i>Total Increased Cost to Student</i>
\$175,000	32%	\$ 231,000	4%	\$ 364.63	1.65	16	\$ 15,246	\$ 243,936	\$ 141,000	\$ 102,936	\$ 153.87	30	\$4,615.96
*Estimated - Average Tuition Returned was \$141,000													
**Based on average of 669 SCH taught per year													

Table 3

<i>Department/Division</i>	<i>Degree</i>	<i>Differential Tuition</i>	<i>Notes:</i>
Public Health	PhD, Master	\$ 265.05	
Population Health	PhD	\$ 161.93	
Biomedical Informatics	PhD	\$169.95	BMI degree seeking students additionally pay \$1,960.93 zero CH per semester
Genetic Counseling	Master	\$ 376.09	
Occupational Health	PhD, Master	\$ 265.05	
MSCI	Master	\$ 153.87	

Utah System of Higher Education



FORM R-6: DIFFERENTIAL TUITION REQUEST

Fiscal Year: 2020

Institution: University of Utah

Prepared by: Sandy Hughes

Due date: March 8, 2019

Submission Date: 8-Mar-19

R510-4.2. Differential Tuition: Differential tuition schedules for undergraduate and graduate programs may be authorized by the Board on a case by case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The increased revenues from the differential tuition rate charges shall be used by the institution to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

4.2.1. Student and Market Demand for the Program:

The need for educated professional translational researchers in the United States continues to rise. In particular, we have a high demand for professionals who merge medical expertise with basic research skills to systematically facilitate improvements in healthcare from bench to bedside and at the level of individuals and populations.

4.2.2. Impact of Differential Tuition Rates on Student Access and Retention:

The MSCI program is not currently sustainable through normal funding mechanisms. The requested differential will cost \$4,615.96 per student over the course of the two year program.

4.2.3. Tuition Rates of Comparable Programs at Other Institutions:

University of Alabama \$10,870, University of Kentucky \$10,710, University of Kansas \$9,100, University of Arkansas \$7,820, University of New Mexico \$7,130, University of Utah \$6,990

4.2.4. Potential Earnings Capacity of Program Graduates:

2017 Graduates: Average salary \$189,600

4.2.5. Societal Importance of the Program:

Academic Health, a nonpartisan, not-for-profit health services research and policy organization, documents a lack of researchers prepared to take on positions addressing current and future needs of the evolving healthcare system. The University of Utah's MSCI program is distinctive in its two-pronged approach to developing a facile national workforce expert in translational science.

Estimated Student Program Enrollment and Number of Courses (including level designation, 1000, 2000, etc):

Students must take at least 20 credits of core and elective classroom courses. In addition, students will enroll for at most 10 credits for their mentored clinical research projects. The expected time to completion of the MSCI degree is two years.

Estimated Revenue and Uses (including program and institution):

Each cohort of 15 students will provide \$69,240 over their two year degree. The funds will be used to compensate faculty engaged in curriculum development and teaching.

Utah System of Higher Education



FORM R-6: DIFFERENTIAL TUITION REQUEST

Fiscal Year: 2020

Institution: Weber State University

Prepared by: Betty Kusnierz

Due date: March 8, 2019

Submission Date: 6-Mar-19

Program: School of Nursing

R510-4.2. Differential Tuition: Differential tuition schedules for undergraduate and graduate programs may be authorized by the Board on a case by case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The increased revenues from the differential tuition rate charges shall be used by the institution to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

4.2.1. Student and Market Demand for the Program:

Students with graduate nursing degrees are in high demand in Northern Utah. Nursing graduate programs at WSU continue to have capacity enrollment and prepare students to practice as direct care independent practitioners, provide leadership, or provide academic education at the college or university level. Students engage in a higher level of direct and indirect care and have enhanced leadership ability to influence healthcare in a variety of settings.

4.2.2. Impact of Differential Tuition Rates on Student Access and Retention:

The requested increase in the differential from \$134.34 to \$164.70 per credit hour equates to \$303.60 additional per semester for the individual nursing graduate student taking 10 credit hours. This is a modest increase compared to the earning potential of graduates. An increase in the tuition differential is not expected to become a barrier for students. An informal survey of existing students indicates that students would still choose WSU over other graduate nursing programs in the state, even with a minimal increase in differential.

4.2.3. Tuition Rates of Comparable Programs at Other Institutions:

With current graduate tuition and the proposed differential increase, a WSU student taking 10 credit hours per semester would pay \$4,565 combined tuition, differential and student fees. This compares to the equivalent nursing graduate tuition, differential and student fees for 10 credit hours at the following institutions that offer nursing practice programs: \$6,445 – University of Utah, \$5,623 – Idaho State University, and \$7,500 – Boise State University.

4.2.4. Potential Earnings Capacity of Program Graduates:

As of January 2, 2018, the mean annual salaries in Northern Utah were as follows: Nurse Educator \$77,360, Nurse Executive \$98,350, and Nurse Practitioner \$95,004.

4.2.5. Societal Importance of the Program:

Research demonstrates a clear link between more advanced levels of nursing education and patient outcomes and the ability to address the complexities surrounding patient care.

Estimated Student Program Enrollment and Number of Courses (including level designation, 1000, 2000, etc):

There are currently 94 graduate students taking 3-4 6000-level courses per semester. With the addition of the DNP program, this number will increase to 118 students by 2021 taking 3-4 6000-level and 7000-level courses per semester.

Estimated Revenue and Uses (including program and institution):

The additional funding from the differential increase is needed to provide necessary simulation experiences. Based on current enrollment, this will provide an increase over current funding of \$57,600 per year while keeping student costs down (the new differential will be 70% of the WSU Master of Health Administration differential and equivalent to the WSU Master of Athletic Training differential). This proposal also requests the use of the same differential for the DNP program pending approval.

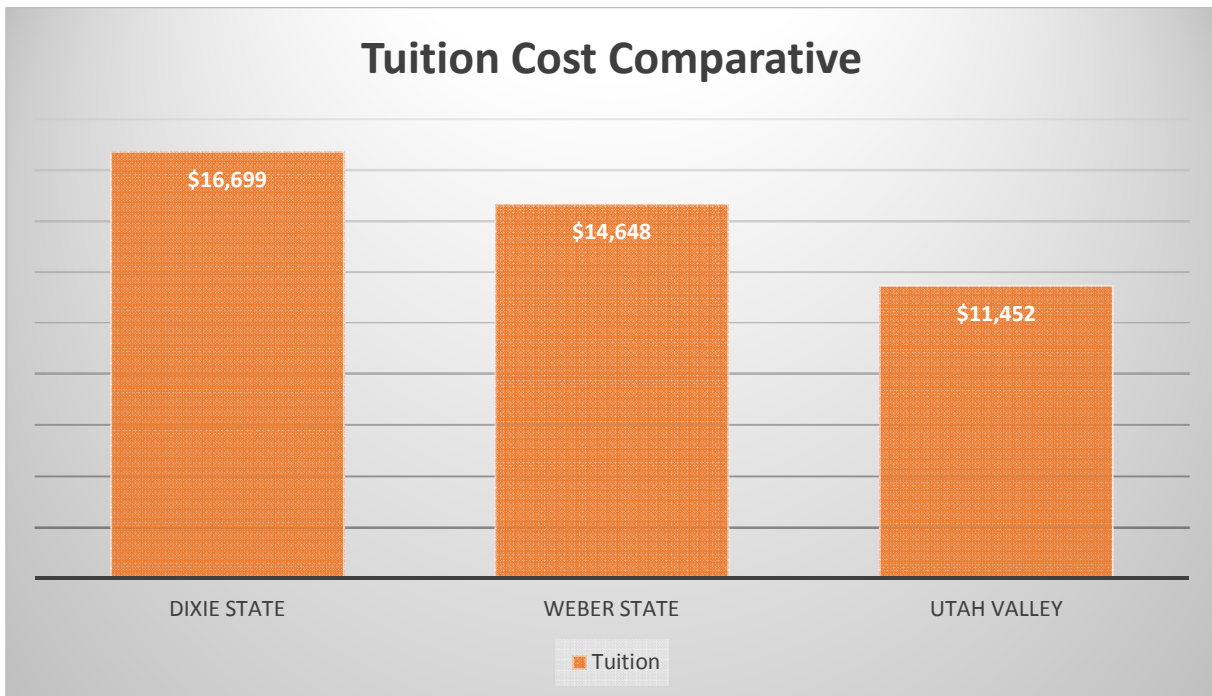
Dixie State University
Associate of Applied Science in Emergency Medical Services
Differential Tuition

Section I: Request

The Dixie State University (DSU) Emergency Medical Services (EMS) program is nationally accredited through two accrediting bodies, Commission on Accreditation of Allied Health Education Programs (CAAHEP) and Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). The DSU Emergency Medical Services program receives \$37,400 annually beyond payment of faculty salaries and benefits, which is insufficient to operate an educational program of this kind. The program is largely dependent on course fees and program fees to maintain its equipment and supplies. It is proposed that program fees and course fees be discontinued and program differential tuition be implemented. This tuition must cover part of the salary and benefits for one administrative position, in conjunction with other programs in the department, as well as additional funding of program faculty. It covers capital equipment, maintenance, repair and replacement of current equipment, as well as all costs of instruction including clinical education. As this program comprises 3 different certificates, each with their own costs and needs, the program proposes a differential of \$80.00 per credit hour be added to the standard DSU tuition.

Section II: Student and Market Demand for the Program*

The DSU Emergency Medical Services program consists of 3 certificates that culminate in an Associate of Applied Science Degree (AAS). The Emergency Medical Technician (EMT) certificate is 1 semester and accepts up to 25 students per year, the Advanced EMT (AEMT) certificate is also 1 semester and accepts up to 20 students, and the Paramedic certificate is 3 semesters and accepts up to 16 students. DSU is one of 3 USHE institutions which offers this program, but DSU has the only program serving residents of the southern part of the state. DSU Emergency Medical Services graduates consistently find employment, both within Southern Utah and across the region. Program graduates are highly sought after within the area, most notably by first responder agencies in Southern Utah and Southern Nevada, where the majority of the graduates are employed. The program consistently attracts applicants from all areas of Southern Utah, Southern Nevada, and Southern California, but with an emphasis on Washington County. According to Bureau of Labor statistics, Paramedics have an expected job growth of 15% (Much faster than average) nationwide from 2016-2026.



*Data retrieved online through institution websites, it does not include all course and labs fees; DSU data equals base tuition plus EMS program differential tuition.

Section III: Impact of Differential Tuition Rates on Student Access and Retention

Differential tuition must be planned carefully in order for the DSU Emergency Medical Services program to remain competitive with other institutions. It must be rolled out and explained adequately in order for students to make informed decisions regarding which school to attend. Students will need to be taught how to compare differential tuition to other institutions' base tuition and course or program fees. If this is not understood by students, a decrease in applications and enrollment in prerequisite courses may occur. The DSU Emergency Medical Services program is the only program in Southern Utah that has dual accreditation (CAAHEP and CoAEMSP).

Section IV: Tuition Rates of Comparable Programs at Other Institutions*

DSU base tuition with differential tuition fees are competitive with other USHE institutions, while dramatically lower in cost than proprietary institutions. Program costs at the two competing programs in the state allow us to increase our tuition and remain competitive. UVU has a base tuition cost of \$11,452, while Weber State has a base tuition cost of \$14,648. The tuition and fees of the DSU Emergency Medical Services program are all inclusive, including uniforms, books and all necessary supplies. Each of these other institutions within the state add course fees, books, uniforms, and other supplies to the total cost listed. The cost of the individual certificates for DSU students with differential tuition will be: EMT \$2,989, AEMT \$2,391 and Paramedic \$11,320.

Section V: Potential Earnings Capacity of Program Graduates

New graduates from the DSU Emergency Medical Services program usually start at approximately \$17.00 per hour depending on location and setting. A full time, entry level paramedics can expect between \$35,000 and \$40,000.00 per year. The starting salary in many other states is higher.

Section VI: Societal Importance of the Program

EMT's, AEMT's, and paramedics, are often the first ones to arrive at the scene following an emergency, ranging from house fires to car accidents and everything in between. Lives are often hanging in the balance, and these professionals must act quickly to save them. EMTs and paramedics care for the sick and wounded while quickly transporting them to a nearby medical facility. EMTs and paramedics often work side by side with police officers and firefighters to provide the best all-around care in emergency situations. The scope of practice for these professionals is quickly expanding to include in home care, and in hospital care, such as the emergency department. This program is vital to our society, as these are the first responders that run in to help, while everyone else runs out. There is not a more basically important program in the university. The underlying purpose of this program is to serve the community.

Dixie State University
Bachelor of Science in Medical Laboratory Science
Differential Tuition

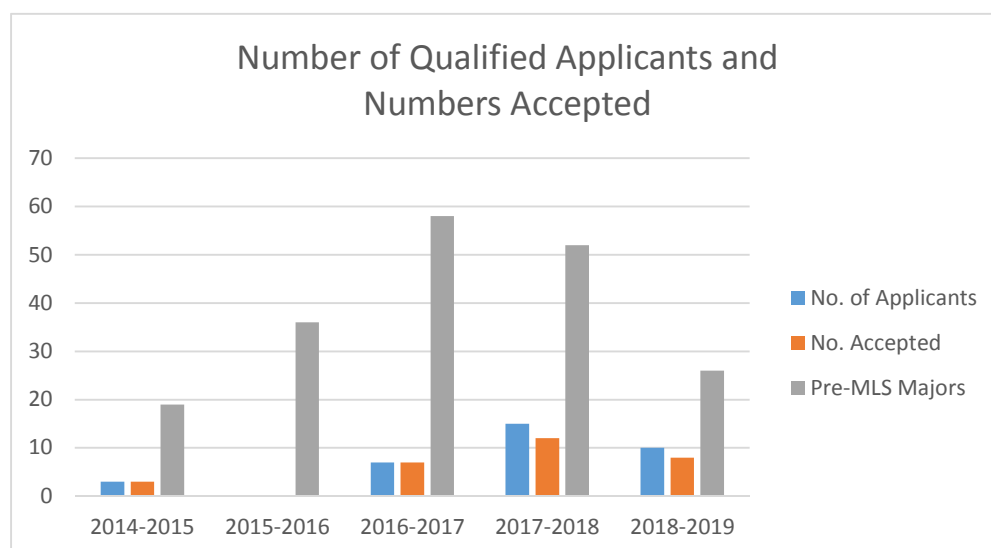
Section I: Request

The Dixie State University (DSU) Medical Laboratory Science (MLS) program operating budget is funded by course and program fees. These fees must cover lab course consumable supplies and reagents, computer hardware and software, accreditation and professional fees, travel and the apportioned Department costs: the secretary's salary and office supplies. There is no program capital equipment budget despite an extensive capital equipment inventory not limited to various automated and semi-automated instruments, seventeen dual-head clinical-grade microscopes, a blood bank workstation, a Millipore water purification system, a chemical fume hood and a level - 2 biological safety cabinet. This inventory must be maintained, upgraded and periodically repaired or replaced at considerable expense. The current operational budget is inadequate to cover all MLS program expenses, especially capital equipment. It is therefore proposed that course and program fees be discontinued and a program differential tuition be implemented to cover all program operational and capital equipment expenses. The program proposes a differential of \$143.00 per credit hour be added to the standard DSU tuition.

Section II: Student and Market Demand for the Program

The MLS program, initially accredited in 2015, has an enrollment capacity of 12 students per year. The program is nationally accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). There are three other long-time established baccalaureate NAACLS-accredited MLS programs in Utah: BYU, University of Utah, and Weber State. DSU has the only MLS program serving residents of the southern part of the state and the state of Nevada, a state with no MLS program. Since re-structuring in 2016, the program has experienced an increase (Table 1) in the number of program applicants usually with more applicants than available positions in the cohort. Program post-graduate surveys indicate that within 3-months of graduation all program graduates are employed fulltime as Medical Laboratory Scientists within and outside the state of Utah.

TABLE 1



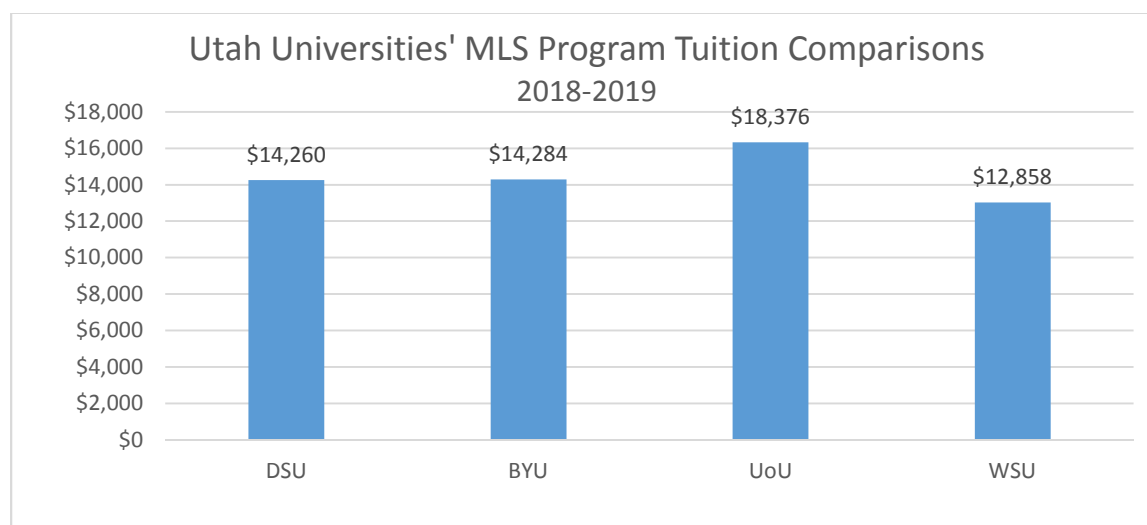
Section III: Impact of Differential Tuition Rates on Student Access and Retention:

Currently, MLS students pay an additional \$5,445.00 or \$87.82 per credit for course and program fees. The program is requesting a differential tuition of \$143.00 per credit, an increase of \$55.18. Differential tuition must be planned carefully in order for the DSU Medical Laboratory Science program to remain competitive with other institutions. It must be clearly explained in order for students to make informed decisions regarding which school to attend. Students will need to be advised on how to compare differential tuition to other institutions' base tuition and course or program fees. If this is not understood by students, a decrease in applications and enrollment may result.

Section IV: Tuition Rates of Comparable Programs at Other Institutions:

Currently, the MLS program cost is the second lowest among the other Utah institutions with accredited MLS programs: Weber State University (WSU), Brigham Young University (BYU), and University of Utah (UoU). With the implementation of differential tuition DSU's tuition will be the third lowest among the Utah universities.

TABLE 2



Section V: Potential Earnings Capacity of Program Graduates:

Graduate survey data collected between 2016 and 2018 indicates the average DSU MLS graduate salary is \$51,000 - \$55,000 a year within the state of Utah. Starting salaries in neighboring regional states including Arizona, Colorado, New Mexico, Nevada, and Wyoming is higher, only Idaho has a lower starting salary.

Section VI: Societal Importance of the Program:

Medical Laboratory Scientists (MLS) are qualified academically through a rigorous applied science education to provide service and research in all major areas of practice in the contemporary medical science laboratories and related areas in rapidly changing and dynamic healthcare delivery systems. Nevertheless, the shortage of qualified MLS, though not a new story, remains a persistent concern. As the ballooning aging population and health insurance coverage expansion increase the demand for laboratory services, the need for qualified MLS is

projected to increase much faster than average for all other occupations according to US Department of Labor's 2018 Occupational Outlook Handbook. Furthermore, current opinions are that the improving economy augments the acute shortage as the large number of "baby boomer" laboratorians, who delayed retirement during the economic recession of 2007-2009. In practical terms, this means that labs across the country need to fill thousands of MLS jobs annually over the next decade, but US MLS education programs are not likely to graduate the numbers of MLS needed (sourced from AACC.org 2015 article "Laboratory Workforce Shortage demands New Solutions" accessible URL <https://www.aacc.org/publications/cln/articles/2015/november/the-laboratory-workforce-shortage-demands-new-solutions>). In Utah there are 4 BS MLS accredited programs which do not graduate sufficient numbers of MLS to fill the 250 annual openings projected for the years 2017-2019 according to the Utah's short term occupational projections (sourced <http://www.projectionscentral.com/Projections/ShortTerm>).

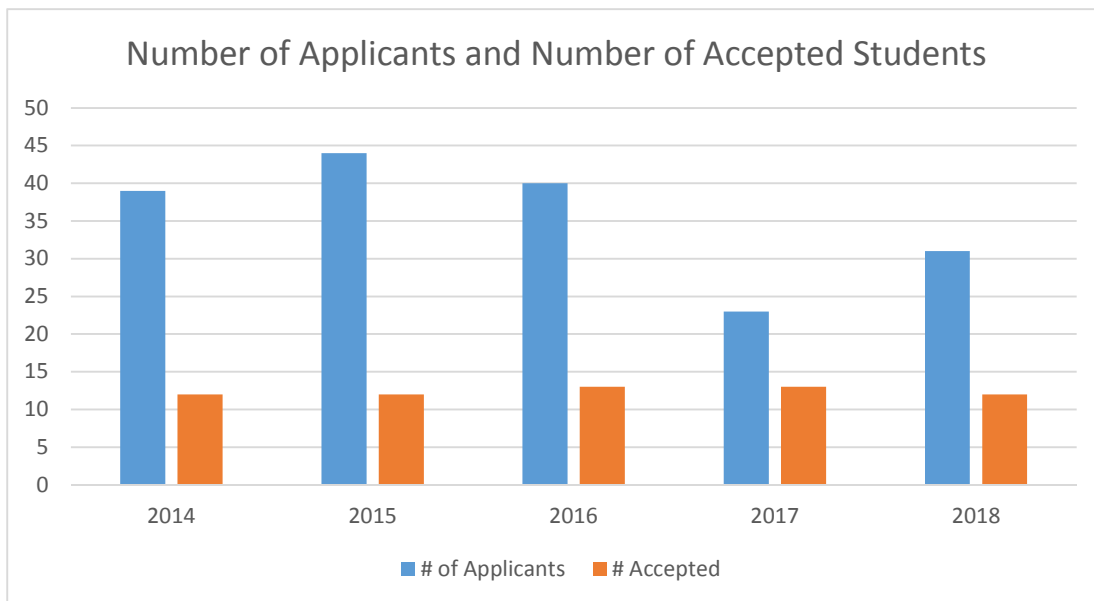
Dixie State University
Associate of Applied Science in Medical Radiography
Differential Tuition

Section I: Request

The Dixie State University (DSU) Medical Radiography program has two energized x-ray units, a mobile x-ray unit, C-arm and CR reader with a PACS workstation in the lab. This highly technical equipment must be maintained, upgraded and periodically repaired or replaced at considerable expense. In addition, costs for supplies, accreditation fees, clinical computer software and a portion of the department secretary's salary must be covered. The current budget and program fees are insufficient for such coverage. It is proposed that course fees be discontinued and program differential tuition be implemented. This additional tuition would cover the expenses stated above - capital equipment, maintenance, repair and replacement, accreditation fees, state licensure and inspection of x-ray equipment, and clinical computer software. The program proposes a differential of \$60.00 per credit hour be added to the standard DSU tuition.

Section II: Student and Market Demand for the Program

The DSU Medical Radiography program accepts 12 - 14 students per year and is nationally accredited through the Joint Review Commission on Education in Radiologic Technology (JRCERT). There are two other radiography programs in the state – Salt Lake Community College and Weber State University – however, Salt Lake Community College is the only other program accredited through JRCERT. DSU has the only program serving residents in the Southern portion of the state. The Radiography program always has at least twice as many applicants as available positions in the cohort. DSU radiography graduates consistently find employment both in and outside the area.

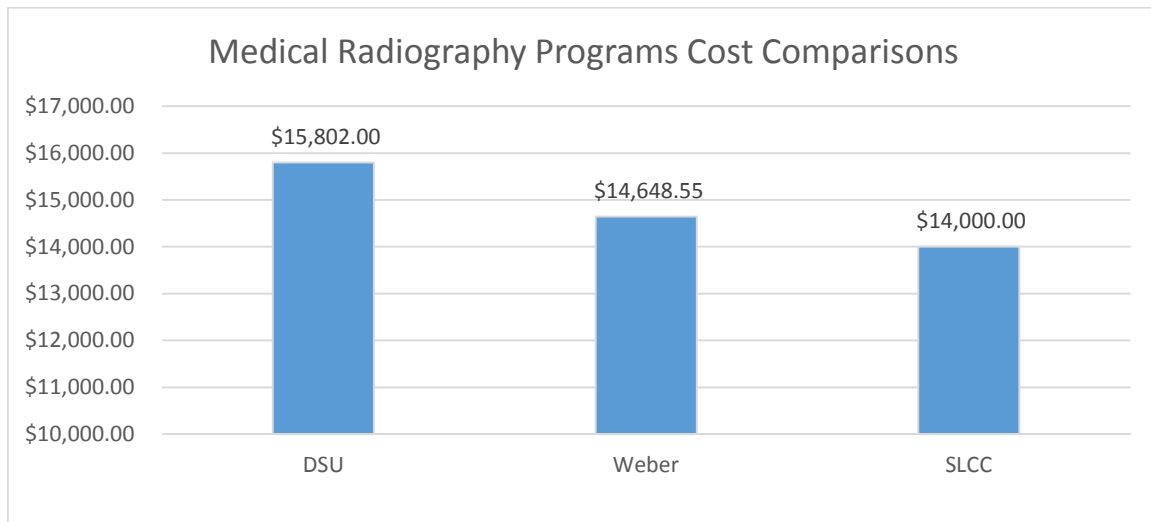


Section III: Impact of Differential Tuition Rates on Student Access and Retention:

Differential tuition must be planned carefully in order for the DSU Medical Radiography program to remain competitive with other institutions. It must be rolled out and explained adequately in order for students to make informed decisions regarding which school to attend. Students will need to be advised on how to compare differential tuition to other institutions' base tuition and course or program fees. If this is not understood by students, a decrease in applications and enrollment in prerequisite courses may result.

Section IV: Tuition Rates of Comparable Programs at Other Institutions*:

DSU base tuition and fees are lower than other institutions. Even with the proposed differential tuition, DSU is a very competitive program in the state. The program costs for Weber and SLCC listed below do not include course fees. Currently, radiography students pay \$200 per semester in course fees, which breaks down, to approximately \$16.70 per credit. The program is requesting that differential tuition be \$60.00 per credit, an increase of \$43.30 per credit.



*Data retrieved online; base tuition, does not includes fees for Weber and SLCC.

Section V: Potential Earnings Capacity of Program Graduates:

New graduates from the radiography program usually start at around \$20.65 per hour in Southern Utah. The starting salary in Nevada is approximately \$22.15 and may be higher in other states. Although some DSU radiography graduates seek positions in other states, the majority of graduates do stay in Southern Utah.

Section VI: Societal Importance of the Program:

The DSU Radiography program is a high quality program with a history of 100% pass rate on the American Registry of Radiologic Technologists (ARRT), the national certification exam. The program also has a high placement rate with 100% of the 2018 graduates being either employed or continuing on in a Bachelor's program. Graduates are prepared with the knowledge, skills and values to become successful members of the healthcare team and have consistently filled the need for radiographers in Southern Utah.

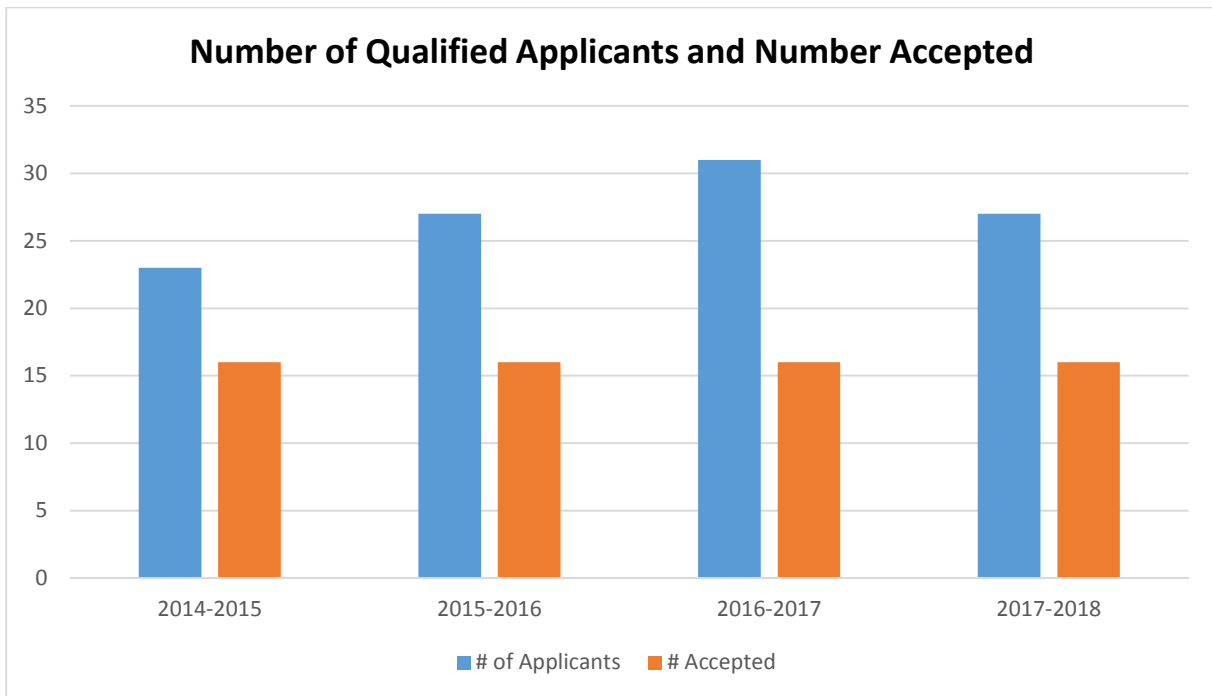
Dixie State University
Associate of Applied Science in Physical Therapist Assistant
Differential Tuition

Section I: Request

The Dixie State University (DSU) Physical Therapist Assistant (PTA) program receives \$5,000 annually beyond payment of faculty salaries and benefits, which is insufficient to operate an educational program of this kind. The program is dependent on course fees and program fees for all other expenses. It is proposed that program fees and course fees be discontinued and program differential tuition be implemented. This tuition must cover part of the salary and benefits for one administrative position, in conjunction with other programs in the department. It covers capital equipment, maintenance, repair and replacement of current equipment, as well as all costs of instruction including clinical education. The program proposes a differential of \$90.00 per credit hour be added to the standard DSU tuition.

Section II: Student and Market Demand for the Program

The DSU Physical Therapist Assistant program accepts 16 students per year. We typically see 35-50 total applicants for the 16 available positions in the cohort, with the number of qualified applicants increasing annually 3 of the past 4 years. There are three other PTA programs in Northern Utah. DSU has the only program serving residents of the southern part of the state. DSU PTA graduates consistently find employment, both within Southern Utah and across the country. Post-graduate surveys indicate that six months post-graduation, all graduates have found at least part-time employment in the field of physical therapy. The program consistently attracts applicants from all areas of Utah, as well as Idaho, Nevada, California, and Wyoming. The program has received applications from as far away as New Hampshire, Texas, Oklahoma and Ohio. According to Bureau of Labor statistics, PTAs have an expected job growth of 31% nationwide from 2016-2026.

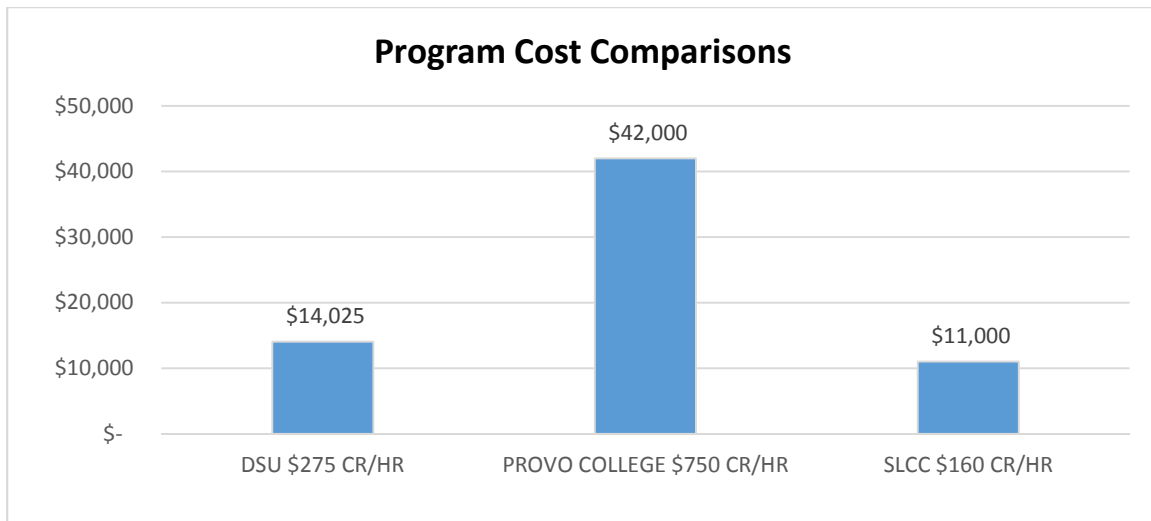


Section III: Impact of Differential Tuition Rates on Student Access and Retention

Differential tuition must be planned carefully in order for the DSU Physical Therapist Assistant program to remain competitive with other institutions. It must be rolled out and explained adequately in order for students to make informed decisions regarding which school to attend. Students will need to be taught how to compare differential tuition to other institutions' base tuition and course or program fees. If this is not understood by students, a decrease in applications and enrollment in prerequisite courses may occur.

Section IV: Tuition Rates of Comparable Programs at Other Institutions*

DSU base tuition and fees are competitive with other USHE institutions, while dramatically lower in cost than Provo College. Even with the proposed differential tuition, DSU is the most economical program in the state when tuition and fees are included. There are two other programs within the state of Utah. Program costs at the two competing programs in the state allow us to increase our tuition and remain competitive. Salt Lake Community College (SLCC) has a total program cost of \$11,000, according to their website. Provo College is the third program in Utah, with a tuition cost of \$750 per credit hour for core courses, totaling \$42,000 for the core, or technical, portion of the program. The tuition and fees of the DSU PTA program are all inclusive. Both Provo College and SLCC add course fees and other expenses to the total costs listed in the graph below.



**Data retrieved online through institution websites; DSU data equals base tuition plus PTA program differential tuition.*

Section V: Potential Earnings Capacity of Program Graduates

New graduates from the PTA program usually start at approximately \$25 per hour depending on location and setting. A full time, entry level PTA can expect between \$45,000 and \$58,000 per year. The starting salary in many other states is higher.

Section VI: Societal Importance of the Program

The DSU Physical Therapist Assistant program is one of the premier programs in the region. Students consistently score above national averages on Federation of State Boards of Physical Therapy (FSBPT) examinations. In addition to providing an excellent education for students, the PTA Student Club on campus participates in many community outreach activities benefitting the DSU and St. George communities. The program is an integral part of the physical therapy community in the state of Utah and annually participates in events to educate physical therapy professionals statewide, including hosting the state physical therapy conference each spring.

Section VII: Noteworthy Facts

Dixie State University is one of only three PTA programs in Utah, and the only program south of Provo. Program Director Drew Wilcox has served on the Utah Physical Therapy Association Board of Directors for 4 of the past 5 years, and just began his 3rd term in January 2019. He also serves as an on-site reviewer for the PTA program's accrediting agency, the Commission on Accreditation in Physical Therapy Education (CAPTE).

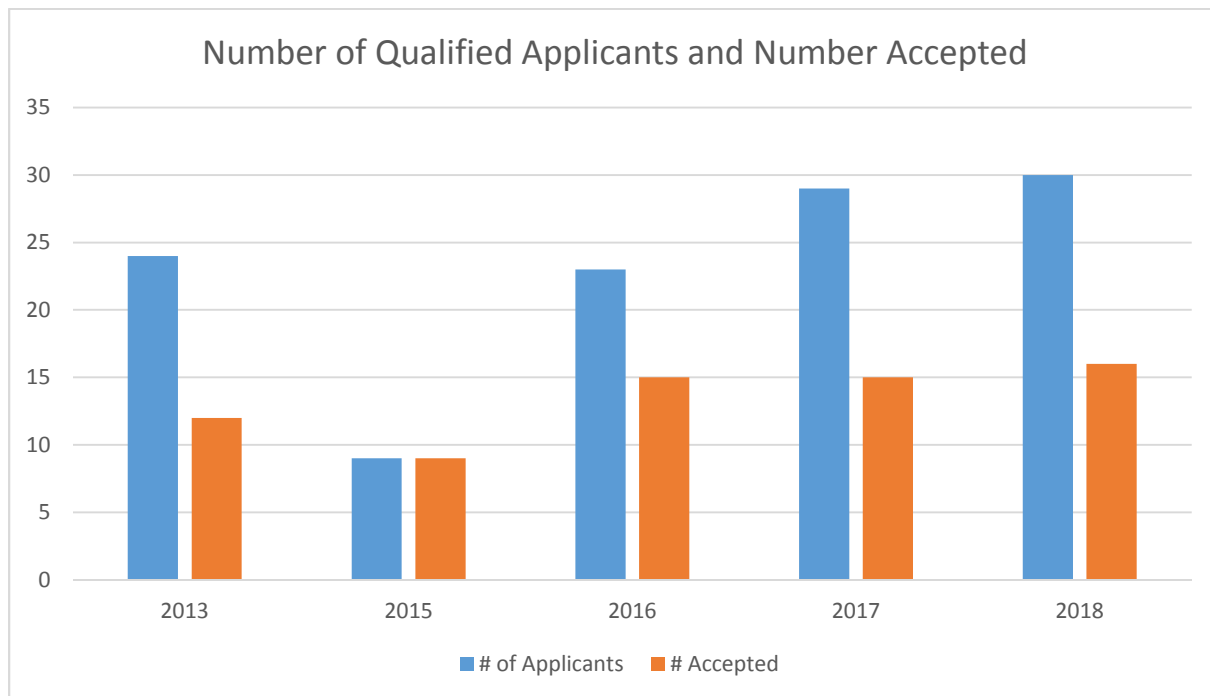
Dixie State University Associate of Applied Science in Respiratory Therapy Differential Tuition

Section I: Request

The Dixie State University (DSU) Respiratory Therapy Program receives a small operating budget beyond payment of faculty salaries and benefits. The program is dependent on lab and course fees for all other expenses. It is proposed that lab and course fees be discontinued and program differential tuition be implemented. This tuition will cover part of the salary and benefits for one administrative personnel, in conjunction with other programs in the department. It will cover all student lab supplies, oxygen and equipment. It will cover capital equipment, maintenance, repair and replacement. It will cover all department expenses including all office supplies, copies, accreditation fees, site visit fees and all department computers. It will cover student tracking of required background checks, drug testing and vaccinations, clinical shifts and student skill proficiencies. The program proposes a differential of \$63.00 per credit hour be added to the standard DSU tuition.

Section II: Student and Market Demand for the Program

The Respiratory Program accepts 16 students per year. There are four programs in Northern Utah. DSU has the only program serving residents of the southern part of the state. The program consistently has more applicants than openings. DSU respiratory graduates consistently find employment in the area and outside of the area. Post graduate surveys indicate that six months post-graduation, all students have found employment.



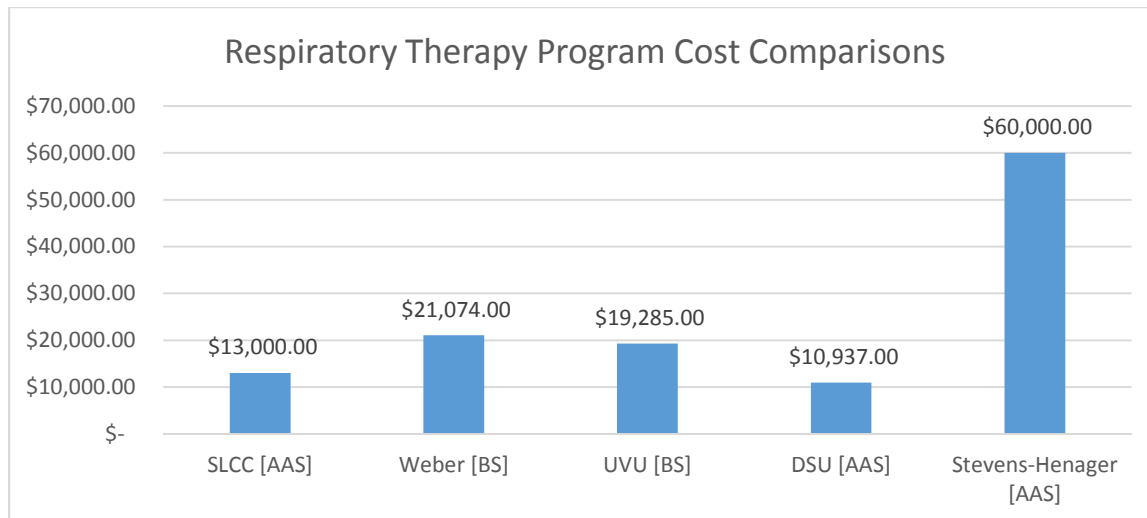
Section III: Impact of Differential Tuition Rates on Student Access and Retention:

Differential tuition must be planned carefully in order for the DSU Respiratory program to remain competitive with other institutions. It must be rolled out and explained adequately in order for students to make informed decisions regarding which school to attend. Students will need to be taught how to compare differential tuition to other institutions' base tuition, course and program fees and required purchases. If this is not understood by students, a decrease in applications and enrollment in prerequisite course may decrease. The DSU Dental Hygiene program currently charges differential tuition and they have not seen a decrease in applicants.

Section IV: Tuition Rates of Comparable Programs at Other Institutions:

DSU base tuition and fees are lower than other institutions. Even with the proposed differential tuition, DSU and SLCC will be the most economical programs in the state. There are three programs sponsored at public institutions in the state. Program costs at the one private program in the state are much higher. SLCC has the most comparable program to DSU's in the region. Weber State and UVU are BS degree programs. DSU is in the planning stage for offering a BS degree. We plan to offer this new degree in the fall of 2020. DSU Respiratory is proposing \$63.00 per credit differential tuition. Under the current model, fees equal \$20.00 per credit. This constitutes a \$43.00 per credit increase.

Our equipment is aging and technology is changing. Without this increase we will not be able to remain competitive in teaching current practice.



*Data retrieved online; base tuition and fees are estimates of total costs.

Section V: Potential Earnings Capacity of Program Graduates:

New graduates from the Respiratory program usually start between \$25.00 and \$30.00 per hour depending on location. The starting salary in many other states is higher. A full time entry level therapist can expect between \$45,000.00 and \$55,000.00 per year.

Section VI: Societal Importance of the Program:

The DSU Respiratory program is one of the premier programs in the nation. Students always score above national averages on National Board examinations. We have received the excellence in credentialing award from COARC for the past three years in a row. This award is given to the top 5% of programs in the nation. The program is an integral part of the respiratory care delivery in the area. There is currently a shortage of respiratory therapists nationwide. Intermountain healthcare currently has 36 openings in the Salt Lake area.

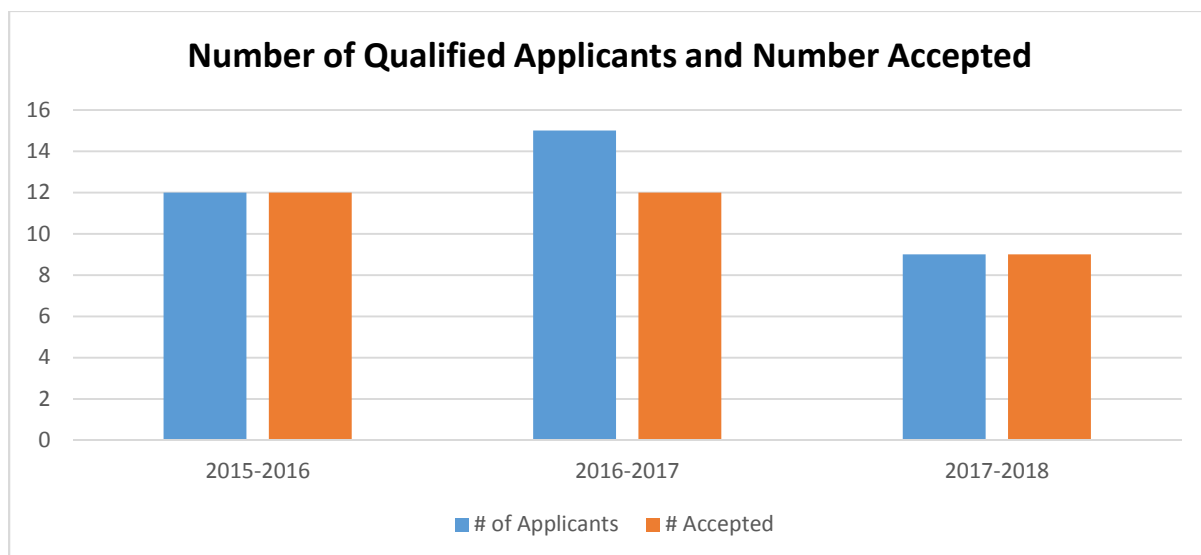
Dixie State University
Associate of Applied Science in Surgical Technology
Differential Tuition

Section I: Request

The Dixie State University (DSU) Surgical Technology program is nationally accredited through two accrediting bodies, Commission on Accreditation of Allied Health Education Programs (CAAHEP) and Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA). The DSU Surgical Technology program receives no allocated program budget beyond payment of faculty salaries and benefits, and is dependent on course fees and program fees for all other expenses. Those fees are insufficient to operate an educational program of this kind. It is proposed that program fees and course fees be discontinued and program differential tuition be implemented. This tuition must cover part of the salary and benefits for one administrative position, in conjunction with other programs in the department. It covers capital equipment, maintenance, repair and replacement of current equipment, as well as all costs of instruction including clinical education. The program proposes a differential of \$105.00 per credit hour be added to the standard DSU tuition.

Section II: Student and Market Demand for the Program

The DSU Surgical Technology program accepts 12 students per year. DSU is one of two USHE institutions which offers this program, but DSU has the only program serving residents of the southern part of the state. DSU surgical technology graduates consistently find employment, both within Southern Utah and across the country. Post-graduate surveys indicate that six months post-graduation, all graduates have found at least part-time employment in the field. Program graduates are highly sought after within the area, most notably by Intermountain Dixie Regional Medical Center, where the majority of the graduates are employed. The program consistently attracts applicants from all areas of Utah, but with an emphasis on Washington County. According to Bureau of Labor statistics, surgical technologists have an expected job growth of 12% nationwide from 2016-2026.

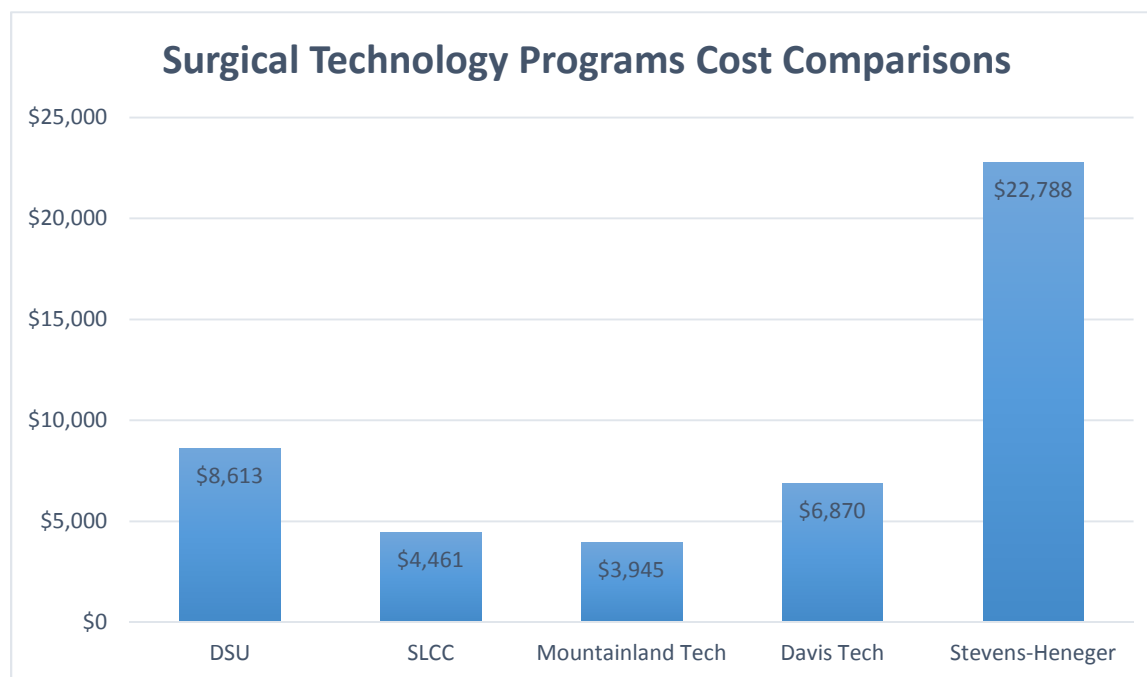


Section III: Impact of Differential Tuition Rates on Student Access and Retention

Differential tuition must be planned carefully in order for the DSU Surgical Technology program to remain competitive with other institutions. It must be rolled out and explained adequately in order for students to make informed decisions regarding which school to attend. Students will need to be taught how to compare differential tuition to other institutions' base tuition and course or program fees. If this is not understood by students, a decrease in applications and enrollment in prerequisite courses may occur. The DSU Surgical Technology program is the only program in the state that has dual accreditation (CAAHEP and ARC/STSA), and is also the only program that awards an Associate of Applied Science degree upon program completion.

Section IV: Tuition Rates of Comparable Programs at Other Institutions*

DSU base tuition and fees are competitive with other USHE institutions, while dramatically lower in cost than proprietary institutions. With the proposed tuition differential, DSU remains competitive within the state, but due to the degree program our tuition is higher than the only other USHE institution, Salt Lake Community College (SLCC). Other institutions with this program are Stevens-Henager, at \$22,788.00 tuition, Davis Technical College, at \$6,870.00, and Mountainland Technical College, at \$3,945.00. Each of these programs is a certificate program only, and does not have the national ARC/STSA accreditation. Program costs at the two competing programs in the state allow us to increase our tuition and remain competitive. SLCC has a total program cost of \$4,461.00 and is also just a certificate program. The tuition and fees of the DSU Surgical Technology program are all inclusive. Each of these other institutions within the state add course fees and other expenses to the total cost listed.



**Data retrieved online through institution websites; DSU data equals base tuition plus Surgical Tech program differential tuition.*

Section V: Potential Earnings Capacity of Program Graduates

New graduates from the DSU Surgical Technology program usually start at approximately \$19.00 per hour depending on location and setting. A full time, entry level, certified surgical technologist (CST) can expect between \$40,000.00 and \$45,000.00 per year. The starting salary in many other states is higher.

Section VI: Societal Importance of the Program

Surgical technologists work as members of a healthcare team alongside physicians and surgeons, registered nurses, and other healthcare workers. Before an operation, surgical technologists prepare the operating room by setting up surgical instruments and equipment. During an operation, surgical technologists pass instruments and supplies to surgeons and first assistants. They also hold retractors, hold internal organs in place during the procedure, or set up robotic surgical equipment. Once the operation is complete, surgical technologists may apply bandages and other dressings to the incision site. They may also help transfer patients to recovery rooms and restock operating rooms after a procedure. Over 70% of surgical technologists are employed in hospitals and may work or be on call during nights, weekends, and holidays. These technologists are relied upon, and play a great role, in maintaining a sterile environment and limiting post-operative infections in patients.

The DSU Surgical Technology program is one of the premier programs in the region. Students consistently score above national averages on required board examinations. We are the only program serving the community of Southern Utah. The program is relied upon each year to supply the medical communities in Washington County, as well as across the state, with qualified “scrub techs” to staff their operating rooms.

Utah System of Higher Education



FORM R-6: DIFFERENTIAL TUITION REQUEST

Institution:	Dixie State University
Fiscal Year:	2020
Prepared by:	Mike Peterson
Due date:	March 8, 2019
Submission Date:	3/8/2019
Program:	Technical Writing and Digital Rhetoric

R510-4.2. Differential Tuition: Differential tuition schedules for undergraduate and graduate programs may be authorized by the Board on a case by case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The increased revenues from the differential tuition rate charges shall be used by the institution to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

4.2.1. Student and Market Demand for the Program:

According to the Bureau of Labor Statistics, the 2016 median pay for a technical writer was \$69,850/yr or \$33.58/hr. The number of open jobs was 52,400 with a projected growth of 11% or 5,700 jobs added 2016-2026. In a survey of 17 of our current English majors, 12 (or 68.75%) indicated that they would consider enrolling in an MA degree in Technical Writing and Digital Rhetoric. 7 of the 31 students polled from other disciplines indicated that they would consider such a degree.

4.2.2. Impact of Differential Tuition Rates on Student Access and Retention:

At \$345 per credit hour for in-state and \$800 for out-of-state tuition, our master's degree is very competitive with other USHE institutions. The entire degree could cost as little as \$10,350. Financially, even with the differential tuition rates, it will be one of the most accessible master's degree program of any discipline in the entire state of Utah.

4.2.3. Tuition Rates of Comparable Programs at Other Institutions:

Please see Appendix 1 for comparative tuition tables.

4.2.4. Potential Earnings Capacity of Program Graduates:

According to the Bureau of Labor Statistics, the 2016 median pay for a technical writer was \$69,850 or \$33.58 per hour, and the number of open jobs in 2016 was 52,400 with an additional 5,700 jobs projected to be added by 2026.

4.2.5. Societal Importance of the Program:

Dixie State is playing a critical role in expanding the Silicon Slopes of Northern Utah to the "Silicon Sands" of St. George. Science, technology, and healthcare industries are booming here, creating jobs, internships, and endless opportunities for research and collaboration—all of which will require students and employees with advanced skills in technical writing and digital communication.

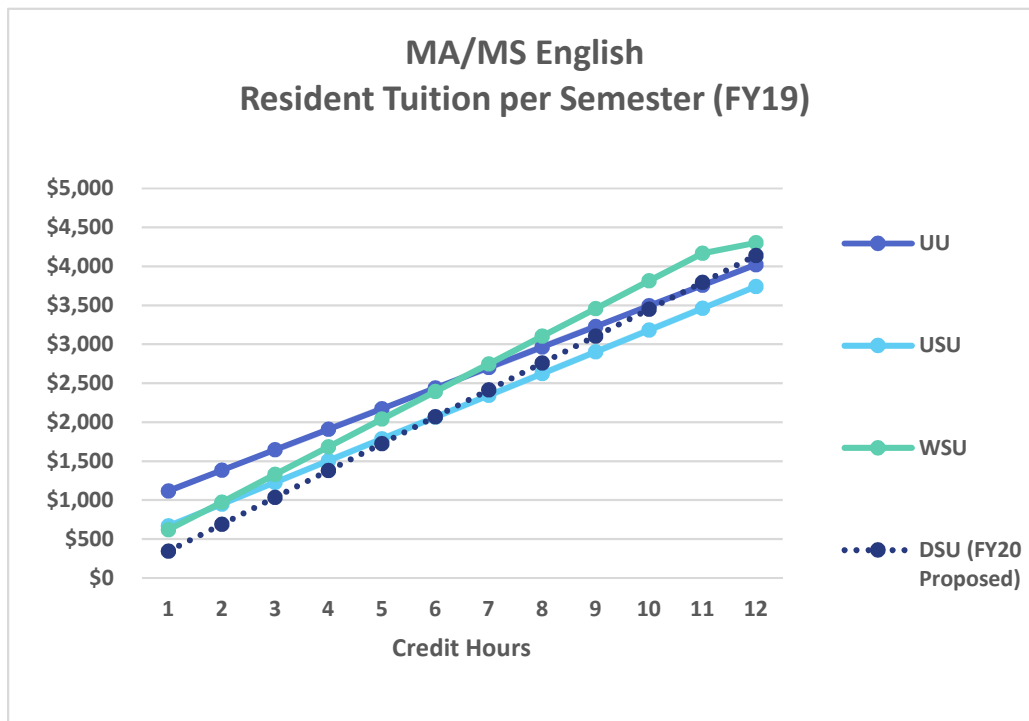
Estimated Student Program Enrollment and Number of Courses (including level designation, 1000, 2000, etc):

We anticipate about 10 new students in the program each year. During the first year, we anticipate 5-10 total. By the end of the second year, 15-20. And by the third year, 20 or more. We will offer a total of 11 courses, all with 6000-level designation: 7 will be hybrid classroom courses (3 required and 4 elective, including 3 special-topics courses) and 4 will be related to culminating projects (such as directed readings, portfolio creation, internships, and thesis work).

Estimated Revenue and Uses (including program and institution):

Revenue will fund Graduate Assistantships (GAs): 3 to 5 new GAs each year at approximately \$13,000/yr with an additional operating cost of \$1,000/yr per GA to cover supplies, phones, training, etc. Eventually, revenue may be used to also offer tuition waivers for GAs. Revenue will also be used to upgrade our library selection: approximately \$5,000 in the 1st year and \$500/yr thereafter. Revenue may also be used to supplement funding for a program-coordinator position.

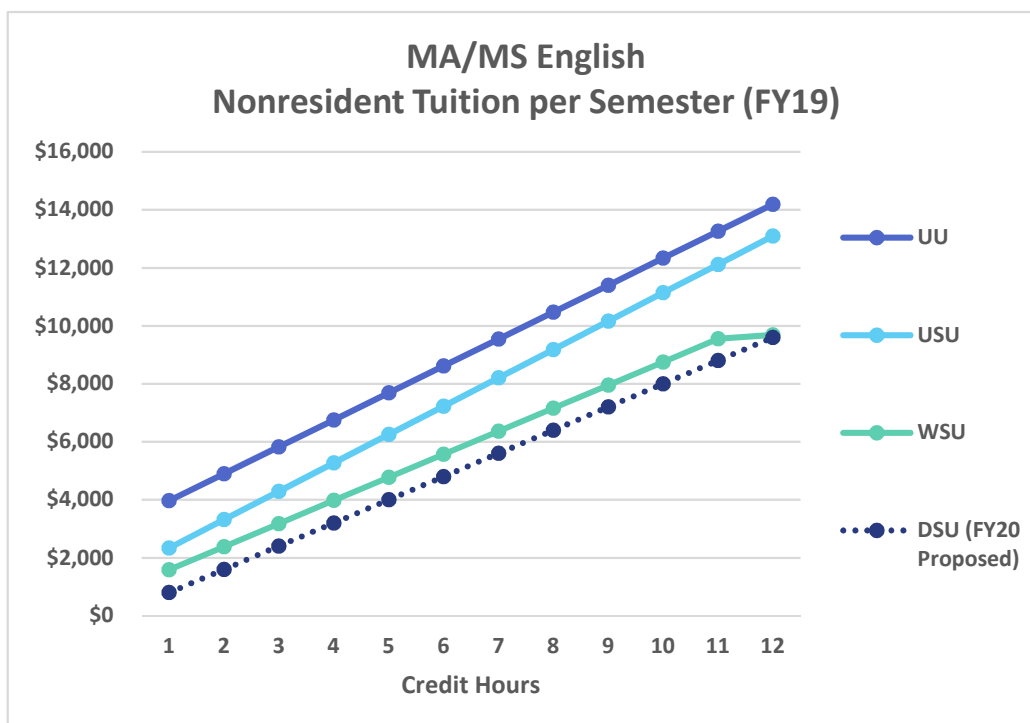
Appendix I: Tuition Rates of Comparable Programs (4.2.3)



Credit Hours	UU	USU	WSU	DSU (FY20 Proposed)
1	\$1,117	\$668	\$619	\$345
2	\$1,381	\$948	\$974	\$690
3	\$1,645	\$1,227	\$1,329	\$1,035
4	\$1,909	\$1,507	\$1,684	\$1,380
5	\$2,174	\$1,786	\$2,039	\$1,725
6	\$2,438	\$2,066	\$2,394	\$2,070
7	\$2,702	\$2,345	\$2,749	\$2,415
8	\$2,966	\$2,624	\$3,104	\$2,760
9	\$3,230	\$2,904	\$3,459	\$3,105
10	\$3,494	\$3,183	\$3,814	\$3,450
11	\$3,758	\$3,463	\$4,168	\$3,795
12	\$4,022	\$3,742	\$4,303	\$4,140
13	\$4,286	\$3,742	\$4,437	\$4,485
14	\$4,550	\$3,742	\$4,571	\$4,830
15	\$4,814	\$3,742	\$4,706	\$5,175
16	\$5,078	\$3,742	\$4,840	\$5,520
17	\$5,342	\$3,742	\$4,975	\$5,865
18	\$5,606	\$3,742	\$5,109	\$6,210

Source: Institutional websites

Appendix I: Tuition Rates of Comparable Programs (4.2.3)



Credit Hours	UU	USU	WSU	DSU (FY20 Proposed)
1	\$3,968	\$2,339	\$1,588	\$800
2	\$4,898	\$3,317	\$2,384	\$1,600
3	\$5,827	\$4,295	\$3,181	\$2,400
4	\$6,756	\$5,273	\$3,977	\$3,200
5	\$7,686	\$6,251	\$4,773	\$4,000
6	\$8,615	\$7,229	\$5,570	\$4,800
7	\$9,545	\$8,207	\$6,366	\$5,600
8	\$10,474	\$9,185	\$7,162	\$6,400
9	\$11,403	\$10,163	\$7,959	\$7,200
10	\$12,333	\$11,141	\$8,755	\$8,000
11	\$13,262	\$12,119	\$9,551	\$8,800
12	\$14,191	\$13,097	\$9,686	\$9,600
13	\$15,121	\$13,097	\$9,820	\$10,400
14	\$16,050	\$13,097	\$9,954	\$11,200
15	\$16,980	\$13,097	\$10,089	\$12,000
16	\$17,909	\$13,097	\$10,223	\$12,800
17	\$18,838	\$13,097	\$10,357	\$13,600
18	\$19,768	\$13,097	\$10,492	\$14,400

Source: Institutional websites

Utah System of Higher Education



FORM R-6: DIFFERENTIAL TUITION REQUEST

Fiscal Year: 2020

Program: Athletic Training

Institution: Dixie State University

Prepared by: Travis Ficklin

Due date: March 8, 2019

Submission Date: 3/8/2019

R510-4.2. Differential Tuition: Differential tuition schedules for undergraduate and graduate programs may be authorized by the Board on a case by case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The increased revenues from the differential tuition rate charges shall be used by the institution to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

4.2.1. Student and Market Demand for the Program:

According to the U.S. Bureau of Labor Statistics (BLS), the growth of the Athletic Training profession is estimated to be 23% nationwide from 2016-2026. This is almost double the projected 12% growth in other allied healthcare professions and technical occupations, which already surpasses the 7% projected growth for all occupations. (www.bls.gov)

In Utah, the projected growth from 2014 to 2024 is 39.3% (jobs.utah.gov), with a current median salary of \$47k and an annual rate of growth of 4.3%. Per Utah's Department of Workforce Services:

"This occupation is expected to experience much faster than average employment growth, but there should be a low volume of annual job openings. Business expansion, as opposed to the need for replacements, will provide the majority of job openings in the coming decade. Job prospects will be best for candidates with a degree from a bachelor's or master's degree program that is accredited by the Commission on Accreditation of Athletic Training Education (CAATE) and for those who have certification from the Board of Certification for the Athletic Trainer (BOC)."

In a recent survey conducted with current undergraduate students at DSU from the following undergraduate majors: Exercise Science, Population Health, Recreation and Sport Management, Other Health Science, Biology, and Secondary Education students were asked the following questions: (1) "Which of these potential Master's Degree interest you?" (Masters in Athletic Training, M.S. in Applied Kinesiology-emphasis in Special populations or M.S. in Applied Kinesiology-emphasis in Sport Performance) and (2) "If these programs become available at Dixie State University, how likely would you be to complete a Master's Degree here? "

In response to question (1) 67.4 % of the students (n=62) reported they were interested in a Master's Degree in Athletic Training. In response to question (2) 69.9% reported that is highly likely or likely that they would stay at DSU to complete a Master's in Athletic Training if a program becomes available.

To ascertain demand for this or similar programs in Utah, an attempt to gather program application and acceptance information was made using public website data:

Weber State University (MAT): 40-50 applicants annually, with 18-20 accepted.

University of Utah (B.S.): 60+ applicants annually, with as many as 23 accepted.

Southern Utah University (B.S.): Unknown number of applicants annually, but approximately 25 accepted.

A brief synopsis of nationwide matriculation statistics for accredited MAT programs (available through CAATE - Appendix J) revealed the following:

Average number of applicants: 43.4

Average number of available slots: 18.7

Average number admitted: 20.9

Because of Utah's particularly high projected growth in the profession, and because of the unique athletic and sporting nature of this local and regional area, it is reasonable to propose a MAT program at DSU.

4.2.2. Impact of Differential Tuition Rates on Student Access and Retention:

We believe that a differential tuition will have little or no impact on student access and retention. The differential tuition for the MAT program is indicative of the graduate-level increased value of the degree in comparison to other degree programs on campus. The cost of the tuition will be reasonable to students as a necessity for advanced education in this allied health profession, which is on a par with other professional medical or therapy-related training.

4.2.3. Tuition Rates of Comparable Programs at Other Institutions:

Please see Appendix 1 for comparative tuition tables. Tuition may be adjusted in the future based on student demand or adjustments to other program tuition rates. Tuition may also increase based on accreditation attainment.

4.2.4. Potential Earnings Capacity of Program Graduates:

In Utah, Athletic Trainers earn a median yearly salary of \$47,000.

4.2.5. Societal Importance of the Program:

Using a medical-based education model, athletic training students are educated to provide comprehensive patient care in five domains of clinical practice: prevention; clinical evaluation and diagnosis; immediate and emergency care; treatment and rehabilitation; and organization and professional health and well-being. The educational requirements include acquisition of knowledge, skills and clinical abilities along with a broad scope of foundational behaviors of professional practice. Students complete an extensive clinical learning requirement that is embodied in the clinical integration proficiencies (professional, practice-oriented outcomes) as identified in the Athletic Training Education Competencies.

The growth of our local service area, in schools, athletics, and medical clinics, will create openings for graduates of the program. These openings align with societal needs locally, which are reflective of typical needs broadly. For example: Washington County is host and home to athletic and sporting events year-round. These include marquis events like the St. George Marathon and Huntsman World Senior Games, college athletics, and youth tournaments for a variety of sports. With the expansion of DSU's hosting of state football, basketball, and swimming tournaments for high schools, the need for local athletic training services will continue to grow.

Implementation of the MAT program will provide graduates that can meet the growing need for Athletic Training services for these events. In addition, these events will benefit our students by providing "real world" clinical education experience toward the completion of their degree, a requirement of accreditation. Additionally, it benefits DSU athletics, which currently utilizes external coverage, overseen through Intermountain Healthcare. DSU is currently formally studying an invitation to join the Western Athletic Conference (WAC) and elevate its athletic status to NCAA Division I. This would increase the need for athletic trainers and a program to train and supervise them exponentially.

Estimated Student Program Enrollment and Number of Courses (including level designation, 1000, 2000, etc):

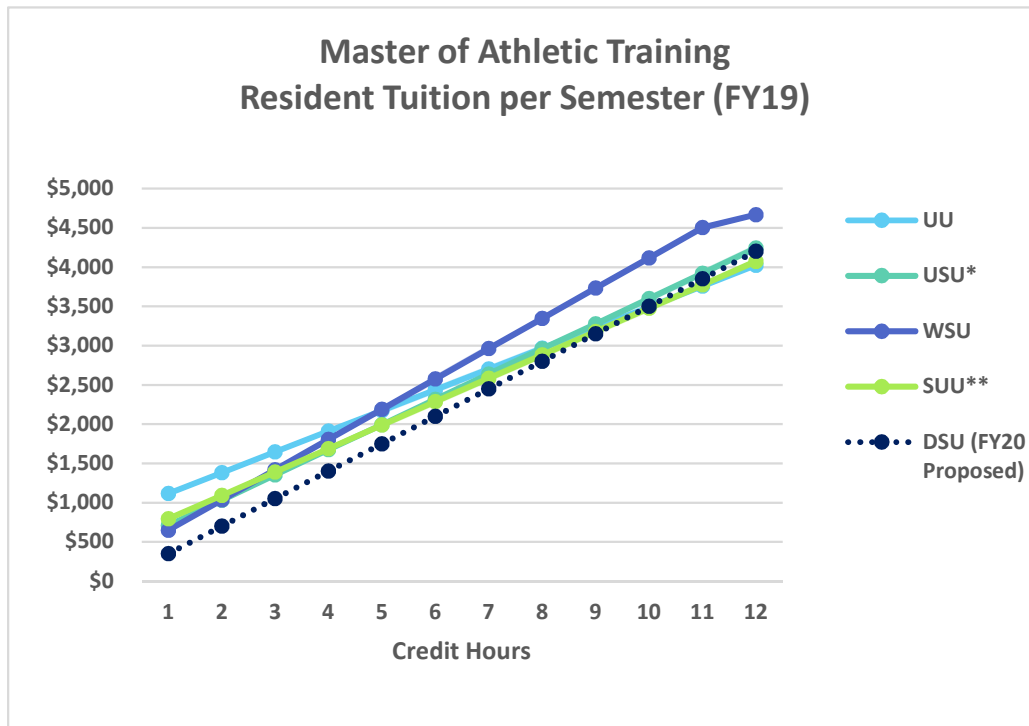
We anticipate about 40 students per year. During the first year, we anticipate accepting 10 students, then increasing to 25 students in year two, 35 students in year three and by year four to 40 students. We will offer 21 courses, all of them are at 6000 level designation.

Estimated Revenue and Uses (including program and institution):

Revenues from the MAT program will fund the following:

- Two new faculty members with benefits and a full-time administrative assistant to support the program director.
- Equipment- therapeutic modalities, anatomical models, skeletons, general and emergency medical equipment, exam tables.
- Expendable medical supplies (tape, bandaging, splinting materials, urinalysis kits, acute/emergency care supplies.
- Library resources
- Yearly continuing education- National Athletic Trainers Association (NATA) Dues, Board of Certification certification Fee, Utah Licensure fee and NATA Conference travel.
- Yearly accreditation fees.
- Preceptors that will supervise MAT students during clinical assignments.

Appendix I: Tuition Rates of Comparable Programs (4.2.3)



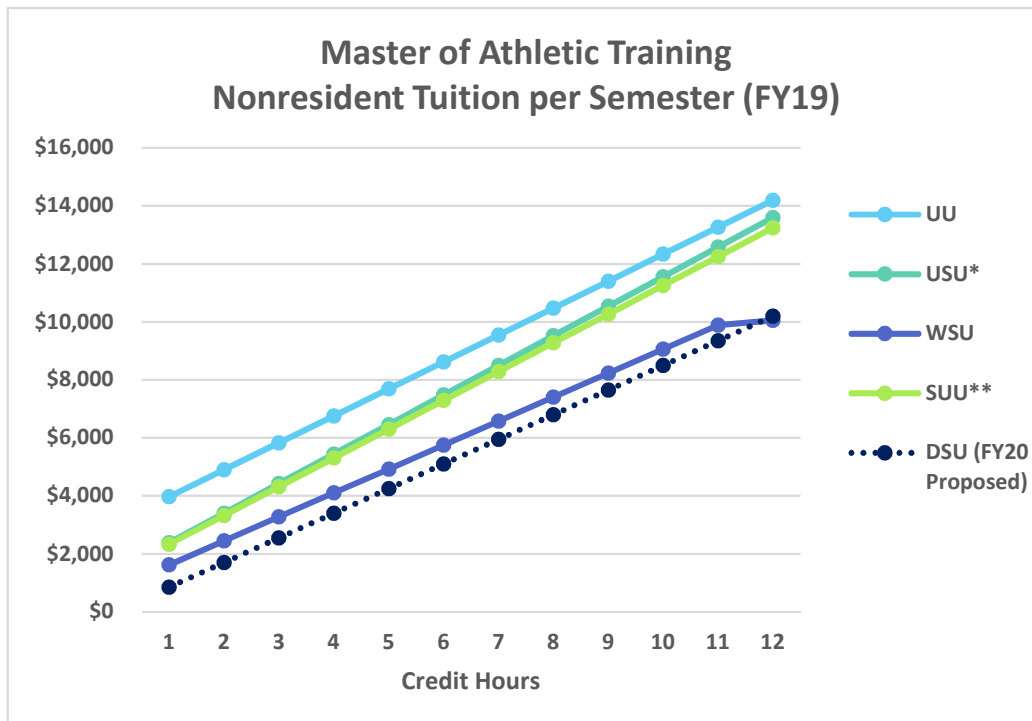
Credit Hours	UU	USU*	WSU	SUU**	DSU (FY20 Proposed)
1	\$1,117	\$710	\$649	\$795	\$350
2	\$1,381	\$1,031	\$1,034	\$1,093	\$700
3	\$1,645	\$1,352	\$1,420	\$1,391	\$1,050
4	\$1,909	\$1,673	\$1,805	\$1,689	\$1,400
5	\$2,174	\$1,994	\$2,190	\$1,987	\$1,750
6	\$2,438	\$2,315	\$2,576	\$2,285	\$2,100
7	\$2,702	\$2,636	\$2,961	\$2,583	\$2,450
8	\$2,966	\$2,957	\$3,346	\$2,881	\$2,800
9	\$3,230	\$3,278	\$3,732	\$3,179	\$3,150
10	\$3,494	\$3,600	\$4,117	\$3,477	\$3,500
11	\$3,758	\$3,921	\$4,502	\$3,775	\$3,850
12	\$4,022	\$4,242	\$4,667	\$4,073	\$4,200
13	\$4,286	\$4,283	\$4,832	\$4,371	\$4,550
14	\$4,550	\$4,325	\$4,997	\$4,669	\$4,900
15	\$4,814	\$4,366	\$5,161	\$4,967	\$5,250
16	\$5,078	\$4,408	\$5,326	\$5,265	\$5,600
17	\$5,342	\$4,450	\$5,491	\$5,563	\$5,950
18	\$5,606	\$4,491	\$5,655	\$5,861	\$6,300

*MS Health & Human Movement

**MS Sports Conditioning & Performance

Source: Institutional websites

Appendix I: Tuition Rates of Comparable Programs (4.2.3)



Credit Hours	UU	USU*	WSU	SUU**	DSU (FY20 Proposed)
1	\$3,968	\$2,381	\$1,618	\$2,331	\$850
2	\$4,898	\$3,401	\$2,445	\$3,323	\$1,700
3	\$5,827	\$4,420	\$3,272	\$4,315	\$2,550
4	\$6,756	\$5,440	\$4,098	\$5,307	\$3,400
5	\$7,686	\$6,459	\$4,925	\$6,299	\$4,250
6	\$8,615	\$7,479	\$5,752	\$7,291	\$5,100
7	\$9,545	\$8,499	\$6,578	\$8,283	\$5,950
8	\$10,474	\$9,518	\$7,405	\$9,275	\$6,800
9	\$11,403	\$10,538	\$8,232	\$10,267	\$7,650
10	\$12,333	\$11,558	\$9,058	\$11,259	\$8,500
11	\$13,262	\$12,577	\$9,885	\$12,251	\$9,350
12	\$14,191	\$13,597	\$10,050	\$13,243	\$10,200
13	\$15,121	\$13,639	\$10,215	\$14,235	\$11,050
14	\$16,050	\$13,680	\$10,379	\$15,227	\$11,900
15	\$16,980	\$13,722	\$10,544	\$16,219	\$12,750
16	\$17,909	\$13,763	\$10,709	\$17,211	\$13,600
17	\$18,838	\$13,805	\$10,873	\$18,203	\$14,450
18	\$19,768	\$13,847	\$11,038	\$19,195	\$15,300

*MS Health & Human Movement

**MS Sports Conditioning & Performance

Source: Institutional websites

Utah System of Higher Education



FORM R-6: DIFFERENTIAL TUITION REQUEST

Fiscal Year: 2020

Institution: Dixie State University

Prepared by: Nathan Meng

Due date: March 8, 2019

Program: Marriage and Family Therapy

Submission Date: 3/8/2019

R510-4.2. Differential Tuition: Differential tuition schedules for undergraduate and graduate programs may be authorized by the Board on a case by case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The increased revenues from the differential tuition rate charges shall be used by the institution to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

4.2.1. Student and Market Demand for the Program:

One of the current issues within the state of Utah, is the lack of ability to fill the demand for licensed Marriage and Family Therapists (MFTs). Currently, there are only 2 Masters level programs for MFTs in the state, and they enroll a total of 18 students per year with an acceptance rate of 20%, and only one of these programs is part of the USHE system. Employment of marriage and family therapists is projected to grow 23 percent from 2016 to 2026, much faster than the average for all occupations. Given that Utah is already lacking in MFT practitioners, this growth will lead to a large increase in job opportunities within the MFT field in Utah. The reason for this growth is due to the increasing use of integrated care, in which the treatment of multiple problems are addressed in an integrated fashion by a group of specialists who coordinate treatment options.

Many DSU students are interested in obtaining needed training to be effective therapists, while also wanting to remain in the Southern Utah area. For example, 56 Psychology majors responded to a survey asking about their interest in pursuing a Master's degree in MFT. Of the 56, 39 (70%) said they were interested in pursuing this degree. However, when these same students were asked if they'd be interested in a Master's in MFT program at Dixie State, 45 (80%) said they were interested.

4.2.2. Impact of Differential Tuition Rates on Student Access and Retention:

We believe that a differential tuition will have little or no impact on student access and retention. The cost of the tuition will be viewed by the students as a necessity for an advanced degree that will include access to job placement and pedagogy that will prepare them for the licensing exam.

4.2.3. Tuition Rates of Comparable Programs at Other Institutions:

Please see Appendix 1 for comparative tuition tables. Tuition may be adjusted in the future based on student demand and relative to other program tuition rates. Tuition may also increase based on accreditation attainment. DSU is committed to offering a strong program that is also affordable. DSU would be comparable and even lower than other similar programs within the area.

4.2.4. Potential Earnings Capacity of Program Graduates:

Salaries in the MFT range anywhere from \$39,000 to \$76,745 with a high of about \$110,000. Entry level positions start around \$40,000. The national average salary is \$71,000. The average in St George is a little over \$63,000, according to Psychology Today and various employment agencies.

4.2.5. Societal Importance of the Program:

A master's degree is being requested to respond to student and employer demand in Washington County. Marriage and Family Therapists are a high-demand profession. Graduates are likely candidates for key positions in residential, behavioral health and private practices. There is currently a demand for competent clinicians, particularly those that specialize in working with children. The goal of the Marriage and Family Therapy Master's Program is to prepare competent and ethical mental health professionals dedicated to improving the human condition through both prevention and intervention. As such, this degree will provide necessary experience to prepare students for licensure as Marriage and Family Therapists, with the curriculum providing extensive opportunities through clinical practicum courses to develop their skills in practical environments. Program faculty emphasize a multilevel, systemic perspective that includes individual internal relationship processes and reflects cultural meanings, constraints, and global complexity, with a particular focus on working with children. This degree will align with other USHE programs by focusing on children initially, with the possibility of eventually expanding to add focus areas for adolescents (including recreation therapy), culture specific, and for older individuals.

Estimated Student Program Enrollment and Number of Courses (including level designation, 1000, 2000, etc):

We anticipate and can accept a maximum of 8 students per year due to accreditation standards. The program is cohort based, for years two and beyond we anticipate 16 students (8 in each cohort).

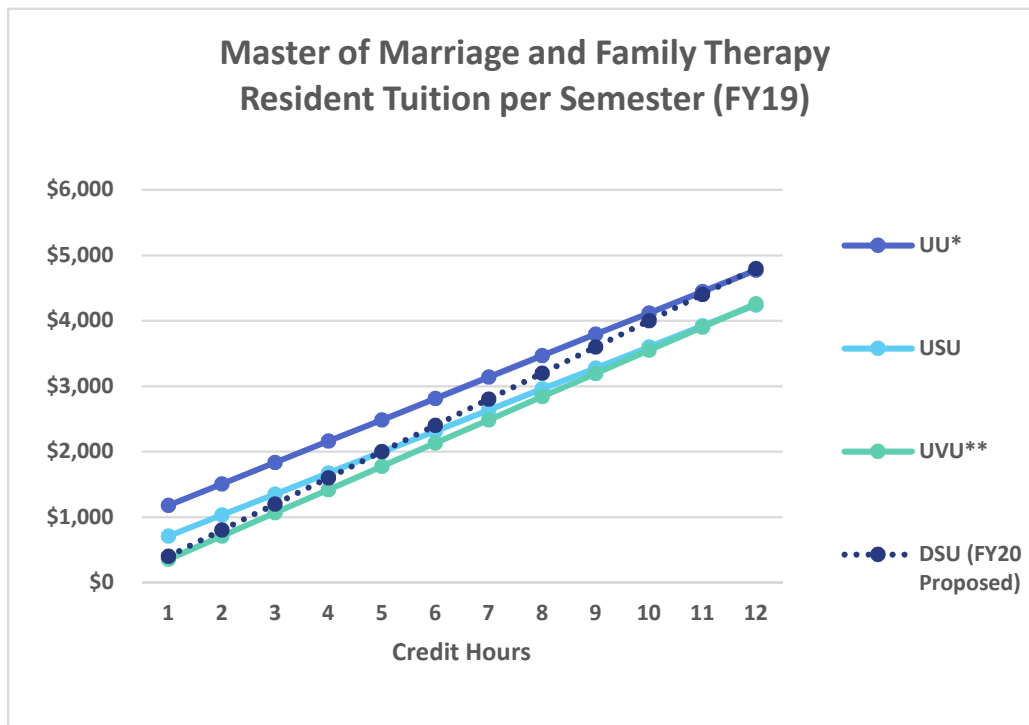
Two degrees are being proposed: a Master's in Marriage and Family Therapy (MMFT) and a Master of Science degree in Marriage and Family Therapy (M.S. in MFT). The core course requirements for the two programs are identical except for the Thesis requirement in the M.S. program. The 14 common core courses total 45 credit hours, which both programs must complete for graduation, while the Thesis requirement is one course for 6 credit hours. All of the courses offered are at the 6000 level designation.

Estimated Revenue and Uses (including program and institution):

Revenues from tuition will fund the following:

- New full-time faculty member and part-time staff position to coordinate off-site clinical hours.
- Clinical practicum supervisors
- Equipment to facilitate video supervised practicum experiences.
- Operating costs including library resources, supplies, marketing, travel and professional development for faculty to sustain a Master's level program.
- Accreditation costs (COAMFTE)

Appendix I: Tuition Rates of Comparable Programs (4.2.3)



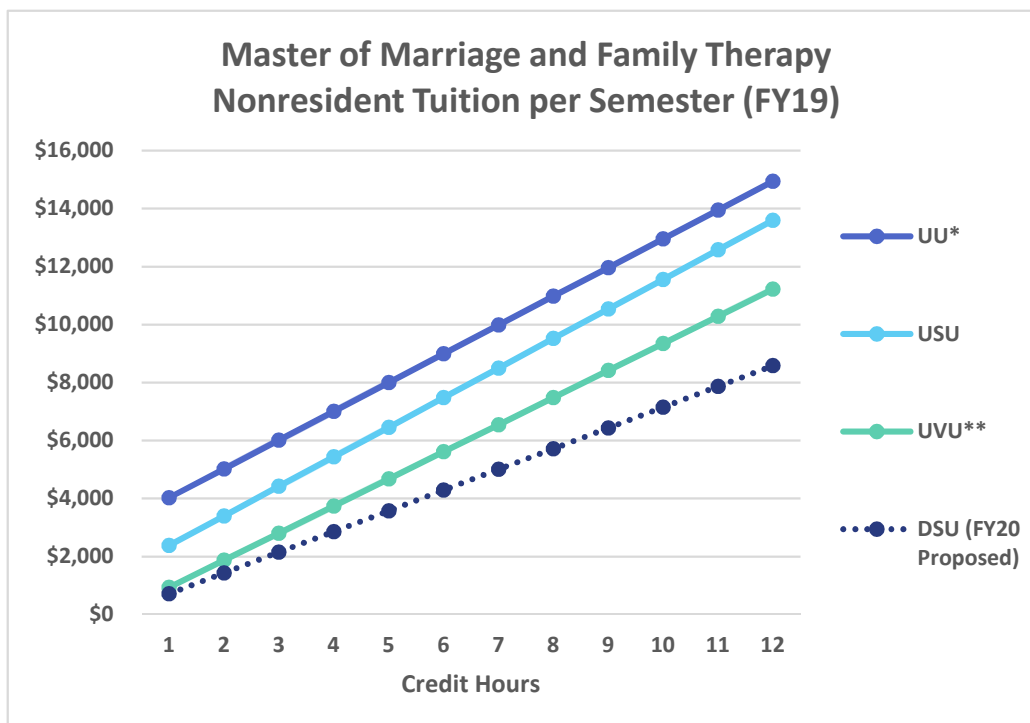
Credit Hours	UU*	USU	UVU**	DSU (FY20 Proposed)
1	\$1,180	\$710	\$355	\$400
2	\$1,506	\$1,031	\$710	\$800
3	\$1,833	\$1,352	\$1,065	\$1,200
4	\$2,160	\$1,673	\$1,420	\$1,600
5	\$2,486	\$1,994	\$1,775	\$2,000
6	\$2,813	\$2,315	\$2,130	\$2,400
7	\$3,140	\$2,636	\$2,485	\$2,800
8	\$3,466	\$2,957	\$2,840	\$3,200
9	\$3,793	\$3,278	\$3,195	\$3,600
10	\$4,119	\$3,600	\$3,550	\$4,000
11	\$4,446	\$3,921	\$3,905	\$4,400
12	\$4,773	\$4,242	\$4,260	\$4,800
13	\$5,099	\$4,283	\$4,615	\$5,200
14	\$5,426	\$4,325	\$4,970	\$5,600
15	\$5,753	\$4,366	\$5,325	\$6,000
16	\$6,079	\$4,408	\$5,680	\$6,400
17	\$6,406	\$4,450	\$6,035	\$6,800
18	\$6,732	\$4,491	\$6,390	\$7,200

*MEd Clinical Mental Health Counseling

**Master of Social Work

Source: Institutional websites

Appendix I: Tuition Rates of Comparable Programs (4.2.3)



Credit Hours	UU*	USU	UVU**	DSU (FY20 Proposed)
1	\$4,031	\$2,381	\$935	\$715
2	\$5,023	\$3,401	\$1,870	\$1,430
3	\$6,015	\$4,420	\$2,805	\$2,145
4	\$7,007	\$5,440	\$3,740	\$2,860
5	\$7,999	\$6,459	\$4,675	\$3,575
6	\$8,991	\$7,479	\$5,610	\$4,290
7	\$9,983	\$8,499	\$6,545	\$5,005
8	\$10,974	\$9,518	\$7,480	\$5,720
9	\$11,966	\$10,538	\$8,415	\$6,435
10	\$12,958	\$11,558	\$9,350	\$7,150
11	\$13,950	\$12,577	\$10,285	\$7,865
12	\$14,942	\$13,597	\$11,220	\$8,580
13	\$15,934	\$13,639	\$12,155	\$9,295
14	\$16,926	\$13,680	\$13,090	\$10,010
15	\$17,918	\$13,722	\$14,025	\$10,725
16	\$18,910	\$13,763	\$14,960	\$11,440
17	\$19,902	\$13,805	\$15,895	\$12,155
18	\$20,894	\$13,847	\$16,830	\$12,870

*MEd Clinical Mental Health Counseling

**Master of Social Work

Source: Institutional websites

Utah Valley University

Request for Differential Tuition

Master of Physician Assistant Program

During their November 29, 2018, Board meeting, the UVU Board of Trustees approved a Master's of Physician Assistant program. The finance section for the R401 for this new program request included revenue based on a differential graduate tuition rate. Revenue generated through this tuition differential rate will directly support this new graduate program and provide related institutional support. This projected tuition rate is being communicated to prospective students and no students are currently enrolled in the program. Thus, no negative impact on student access/retention is anticipated.

Currently, UVU has six graduate tuition scales:

- 1) Base graduate tuition scale used by the Master of Education and Master of Nursing programs
- 2) MBA
- 3) Master of Accountancy and Master of Financial Planning and Analytics
- 4) Master of Computer Science
- 5) Master of Social Work and Master of Arts in Marriage and Family Therapy
- 6) Master of Public Services and Master of Cybersecurity.

UVU is proposing the addition of one new differential graduate tuition scale based on comparability with similar programs at other institutions as well as potential graduate career opportunities and earnings.

Master of Physician Assistant—The Physician Assistant tuition rate will be comprised of the base graduate tuition rate (yet to be established for 2019-20) plus a differential tuition. In total, the tuition rate for resident students will be \$856 per credit up to 10 credit hours with a 10+ credit hour plateau rate of \$8,560 and for nonresident students \$1,626 per credit up to 10 credit hours with a 10+ credit hour plateau rate of \$16,260 per semester.

Graduates of this program will be in high demand locally and across the state and have strong career earning potential. During 2018-19, Physician Assistant resident tuition rates per semester at the University of Utah were \$9,793.17 and at Rocky Mountain Health Professions range from \$10,802 to \$18,658 per semester.

Master of Physician Assistant
2019-20 Tuition Scale Per Semester

Credits	Resident	Non Resident
1	\$856	\$1,626
2	\$1,712	\$3,252
3	\$2,568	\$4,878
4	\$3,424	\$6,504
5	\$4,280	\$8,130
6	\$5,136	\$9,756
7	\$5,992	\$11,382
8	\$6,848	\$13,008
9	\$7,704	\$14,634
10+	\$8,560	\$16,260



Utah System of Higher Education

FORM R-6: DIFFERENTIAL TUITION REQUEST

Fiscal Year: 2020

Institution: Utah Valley University

Prepared by: LM

Due date: March 8, 2019

Submission Date: 8-Mar-19

Program: Master of Physician Assistant (Spring 2020)

R510-4.2. Differential Tuition: Differential tuition schedules for undergraduate and graduate programs may be authorized by the Board on a case by case basis. In addition to initially approving differential tuition rates for academic programs, differential tuition increases beyond the regular institutional tuition increase proposal should be approved by the Board. The increased revenues from the differential tuition rate charges shall be used by the institution to benefit the impacted program and to help support related campus services. Institutions requesting differential tuition schedules should consult with students in the program and consider the following:

4.2.1. Student and Market Demand for the Program:

Last year, Burning Glass Technologies reported 67 PA job postings for the Provo-Orem metropolitan area and 501 job postings (both new positions and vacant positions) for the State of Utah. The limited access to PA programs in Utah, coupled with high student and market demand, draws students from Utah to out-of-state programs.

4.2.2. Impact of Differential Tuition Rates on Student Access and Retention:

The finance portion of the R401 New Program request included a tuition differential for students in this program and revenue generated from the differential is critical to successful implementation and sustainability of the program. The proposed tuition rate is being communicated to prospective students; thus, no negative impact on student access is anticipated. No students are currently enrolled in this program; thus, there will be no impact on student retention.

4.2.3. Tuition Rates of Comparable Programs at Other Institutions:

UVU's proposes per semester 2019-20 tuition rate for residents of \$856 per credit up to 10 credit hours with a 10+ credit hour plateau rate of \$8,560 and nonresident rate of \$1,626 per credit up to 10 credit hours with a 10+ credit hour plateau rate of \$16,260. Resident students completing UVU's PA program can anticipate a total tuition cost of \$59,520 while nonresident students can anticipate a total tuition cost of \$98,420. During 2018-19, PA resident tuition rates at the University of Utah are \$9,793.17 per semester (or 68,552.19 total tuition) and Rocky Mountain Health Professions tuition ranges from \$10,802 to \$18,658 per semester (or \$111,948 total tuition).

4.2.4. Potential Earnings Capacity of Program Graduates:

Depending on data source, mean annual salary for PA job postings in Utah ranges from \$74,055 to \$98,050, much higher than average annual earnings

4.2.5. Societal Importance of the Program:

Over the past decades and forecasted for decades to come, the population of Utah and Utah County will continue to increase. This growing and aging population will increase demand for health care and health care providers. This program will prepare graduates for work in the health care and social assistance sectors of our economy.

Estimated Student Program Enrollment and Number of Courses (including level designation, 1000, 2000, etc):

All courses in the PA program are at the graduate level. The program requires the completion of 95 credit hours over a consecutive seven semesters. The program is expected to admit 30 students each Spring semester (January).

Estimated Revenue and Uses (including program and institution):

When fully operational (2021-22), tuition is estimated to generate \$1,826,550 annually. This revenue will be used to support direct ongoing program costs comprised of salaries/wages/benefits of \$1,222,587 and operating expenses of \$277,750, one-time program costs for equipment and supplies of \$200,000, and indirect institutional costs of \$126,213.

USHE Institutions with Differential Tuition
2018-2019

UU	Undergraduate Program	Zero Hour	Per Credit	WSU	Undergraduate Program	Zero Hour	Per Credit
	Business		x		Business		x
	Nursing		x		N Programs = 1	0	1
	Science		x				
	Engineering		x		Graduate Program	Zero Hour	Per Credit
	N Programs = 4	0	4		Accounting		x
	Graduate Program				Athletic Training		x
	Accounting	x	x		Business		x
	Architecture		x		Communications		x
	Biomedical Informatics	x	x		Computer Engineering		x
	Business		x		Computer Science		x
	Communication Disorders	x			Criminal Justice		x
	Educational Psychology		x		Education		x
	Electrical & Comp Engg (online)		x		English		x
	Engineering		x		Health Administration		x
	Entertainment Arts & Engg		x		Nursing		x
	Genetic Counseling		x		Quality & Lean Mfg		x
	Gerontology	x	x		Radiological Science		x
	Int'l Affairs & Global Enterprise	x			Respiratory Therapy		x
	Law		x		Taxation		x
	Legal Studies		x		N Programs = 15	0	15
	Medicine	x		SUU	Graduate Program	Zero Hour	Per Credit
	Nursing	x	x		Accounting		x
	Nutrition		x		Business		x
	Occupational Health		x		Communications		x
	Pharmacy	x			Fine Arts		x
	Physical Therapy	x			Public Administration		x
	Physician Assistant	x			Sports Conditioning & Performance		x
	Population Health Sciences		x		N Programs = 6	0	6
	Public Administration		x	SC	Undergraduate Program	Zero Hour	Per Credit
	Public Health		x		Music		x
	Public Policy		x		Software Engineering		x
	Software Development		x		N Programs = 2	0	2
	Social Work		x	DSU	Undergraduate Program	Zero Hour	Per Credit
	Teaching Fine Arts		x		Nursing		x
	N Programs = 32	10	22		Dental Hygiene		x
					N Programs = 2	0	2
USU	Undergraduate Program	Zero Hour	Per Credit		Graduate Program	Zero Hour	Per Credit
	Arts		x		Accounting		x
	Business		x		N Programs = 1	0	1
	Engineering		x				
	Landscape Archt. & Enviro Plan.		x	UVU	Graduate Program	Zero Hour	Per Credit
	N Programs = 4	0	4		Business		x
	Graduate Program				Accountancy		x
	Arts		x		Computer Science		x
	Business		x		Social Work		x
	Communication Disorders		x		Public Service		x
	Education		x		Cybersecurity		x
	Engineering		x		Nursing		x
	Human Services		x		N Programs = 7	0	7
	Landscape Archt. & Enviro Plan.		x	USHE Totals			
	Natural Resource		x		Undergraduate	0	13
	Veterinary Medicine		x		Graduate	10	60
	N Programs = 9	0	9		N Programs = 83		