

Making the Case for Graduate Programs

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TEXAS  STATE
UNIVERSITY[®]

The rising STAR of Texas

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM



Process at Texas State

- Program development driven by strategic planning
- Collaborative and reiterative writing process involving Curriculum Services, The Graduate College, Academic Dean, Department, proposal writers

Resources / Steps

I. Pre-Writing Stage

- Workshop on THECB requirements with emphasis on job market need
- PowerPoint and video of workshop
- Online toolkit with past successful proposals
- Budget development help

II. Writing Stage

- Reiterative process: written feedback, regular meetings to discuss feedback and next steps
- Financial support, workload credit, editorial help
- External review team commissioned by university

III. Curriculum Approval Process

THECB Requirements for the Needs Section

A. Job Market Need

Provide short- and long-term evidence of the need for graduates in the Texas and US job markets. Common sources for workforce need and workforce projections include the Bureau of Labor Statistics, the Texas Workforce Commission, and professional associations. If the program is designed to address particular regional or state needs in addition to workforce demands, provide a detailed description.

B. Existing Programs

Identify the existing programs and their locations in Texas. Provide enrollments and graduates of these programs for the last five years, and explain how the proposed program would not unnecessarily duplicate existing or similar programs in Texas. Provide evidence that existing Texas programs are at or near capacity and describe how the existing programs are not meeting current workforce needs. Provide the job placement of existing Texas programs. Provide information about the number of existing programs nationally.

C. Student Demand

Provide short- and long-term evidence of student demand for the program. Types of data commonly used to demonstrate this include increased enrollment in related and feeder programs at the institution, high enrollment in similar programs at other institutions, qualified applicants rejected at similar programs in the state, and student surveys. Provide documentation that qualified applicants are leaving Texas for similar programs in other states.

D. Student Recruitment

E. Enrollment Projections



Fundamental Expectations

- I. Demonstrate that jobs will be available for program graduates (in Texas)
- II. Understand similar programs that already exist in Texas (at public institutions)
- III. Calculate the gap between jobs available and graduates of existing programs in Texas
- IV. Supplement workforce projections with additional data and information



I. Jobs Available for Program Graduates

- 1) Determine CIP code of proposed program
- 2) Use CIP to SOC crosswalk to identify occupations associated with the CIP code
- 3) Review occupations to determine the level of education typically required (undergraduate, master's, doctoral)
- 4) Review Texas Workforce Commission and Bureau of Labor Statistics workforce projections for occupations identified



I. Jobs Available for Program Graduates

- 1) Determine CIP code of proposed program
 - <http://www.txhighereddata.org/Interactive/CIP/>
 - <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>

CIP code: 04.06.01
Landscape Architecture

 IPEDS

Classification of Instructional Programs (CIP)

[Home](#)[CIP Selector](#)[Help](#)[Contact NCES](#)CIP 2010 [\(change year\)](#)[Browse](#)[Search](#)[Crosswalk](#)[Resources](#)[Quick CIP ?](#)

Browse

This is a full listing of all CIP codes in this version. (Note: Neither old location of codes that moved nor deleted codes are shown in this listing; that information may be viewed on other areas of this site.)

[Expand All](#) [Collapse All](#)

- [01\) AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED SCIENCES.](#)
- [03\) NATURAL RESOURCES AND CONSERVATION.](#)
- [04\) ARCHITECTURE AND RELATED SERVICES.](#)
- [05\) AREA, ETHNIC, CULTURAL, GENDER, AND GROUP STUDIES.](#)
- [09\) COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS.](#)
- [10\) COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES.](#)
- [11\) COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES.](#)
- [12\) PERSONAL AND CULINARY SERVICES.](#)
- [13\) EDUCATION.](#)
- [14\) ENGINEERING.](#)
- [15\) ENGINEERING TECHNOLOGIES AND ENGINEERING-RELATED FIELDS.](#)
- [16\) FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS.](#)
- [19\) FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES.](#)
- [22\) LEGAL PROFESSIONS AND STUDIES.](#)
- [23\) ENGLISH LANGUAGE AND LITERATURE/LETTERS.](#)
- [24\) LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES.](#)
- [25\) LIBRARY SCIENCE.](#)
- [26\) BIOLOGICAL AND BIOMEDICAL SCIENCES.](#)
- [27\) MATHEMATICS AND STATISTICS.](#)
- [28\) MILITARY SCIENCE, LEADERSHIP AND OPERATIONAL ART.](#)
- [29\) MILITARY TECHNOLOGIES AND APPLIED SCIENCES.](#)
- [30\) MULTI/INTERDISCIPLINARY STUDIES.](#)
- [31\) PARKS, RECREATION, LEISURE, AND FITNESS STUDIES.](#)
- [32\) BASIC SKILLS AND DEVELOPMENTAL/REMEDIAL EDUCATION.](#)
- [33\) CITIZENSHIP ACTIVITIES.](#)
- [34\) HEALTH-RELATED KNOWLEDGE AND SKILLS.](#)
- [35\) INTERPERSONAL AND SOCIAL SKILLS.](#)

CIP 2010 [\(change year\)](#)
[Browse](#) [Search](#) [Crosswalk](#) [Resources](#)
[Quick CIP ?](#) [Go](#)
Detail for CIP Code 04.0601
 [Print](#)
Title: Landscape Architecture.

Definition: A program that prepares individuals for the independent professional practice of landscape architecture and research in various aspects of the field. Includes instruction in geology and hydrology; soils, groundcovers, and horticultural elements; project and site planning; landscape design, history, and theory; environmental design; applicable law and regulations; and professional responsibilities and standards.

See also: [01.0605\) Landscaping and Groundskeeping.](#), [03.0206\) Land Use Planning and Management/Development.](#)

Action: No Substantive Changes

▼ Crosswalk [?](#)
[✓ CIP Title or Definition Changed](#)

CIP 2000		CIP 2010			
Code	Title	Action	✓	Code	Title
04.0601	Landscape Architecture (BS, BSLA, BLA, MSLA, MLA, PhD).	-		04.0601	Landscape Architecture.

▼ Illustrative Examples [?](#)

[Landscape Architecture (BS, BSLA, BLA)]

[Landscape Architecture (MSLA, MLA)]

[Landscape Architecture (PhD)]



I. Jobs Available for Program Graduates

1) Determine CIP code of proposed program

2) Use CIP to SOC crosswalk to identify occupations associated with the CIP code

Download CIP to SOC crosswalk and review matches:

- <http://nces.ed.gov/ipeds/cipcode/resources.aspx?y=55>

Results of CIP to SOC crosswalk:

11-9041 Architectural and Engineering Managers

17-1012 Landscape Architects




25-1031 Architecture Teachers, Postsecondary

Resources

2000-2010 CIP Conversion

Information on the selected CIP version is available below. To access resources for other CIP versions created after CIP 2000, click the 'change year' link above.







General

-  [Introduction](#)
-  [Acknowledgements](#)
-  [Help](#)

Online

- [Browse all CIP codes](#)
- [Search CIP codes](#)
- [View Crosswalk 2000-2010](#)
- [View NEW CIP codes](#)
- [View DELETED CIP codes](#)
- [View MOVED CIP codes](#)

Download

-  [Crosswalk 2000-2010](#)
-  [CIPCode 2010](#)
-  [CIPCode 2010](#)
-  [Guidelines for Using the CIP to SOC Crosswalk](#)
-  [CIP 2010 to SOC 2010 Crosswalk](#)
-  [SOC 2010 to CIP 2010 Crosswalk](#)





04.0401	Environmental Design/Architecture.	17-1012	Landscape Architects
04.0401	Environmental Design/Architecture.	25-1031	Architecture Teachers, Postsecondary
04.0501	Interior Architecture.	11-9041	Architectural and Engineering Managers
04.0501	Interior Architecture.	25-1031	Architecture Teachers, Postsecondary
04.0501	Interior Architecture.	27-1025	Interior Designers
04.0601	Landscape Architecture.	11-9041	Architectural and Engineering Managers
04.0601	Landscape Architecture.	17-1012	Landscape Architects
04.0601	Landscape Architecture.	25-1031	Architecture Teachers, Postsecondary
04.0801	Architectural History and Criticism, General.	17-1011	Architects, Except Landscape and Naval
04.0801	Architectural History and Criticism, General.	19-3093	Historians
04.0901	Architectural Technology/Technician.	17-3011	Architectural and Civil Drafters
04.0902	Architectural and Building Sciences/Technology.	11-9041	Architectural and Engineering Managers
04.0902	Architectural and Building Sciences/Technology.	17-3011	Architectural and Civil Drafters
04.0902	Architectural and Building Sciences/Technology.	25-1031	Architecture Teachers, Postsecondary
04.0999	Architectural Sciences and Technology, Other.	17-3011	Architectural and Civil Drafters
04.0999	Architectural Sciences and Technology, Other.	25-1031	Architecture Teachers, Postsecondary
04.1001	Real Estate Development.	11-9141	Property, Real Estate, and Community Association Managers
04.1001	Real Estate Development.	13-2021	Appraisers and Assessors of Real Estate
04.1001	Real Estate Development.	19-3051	Urban and Regional Planners
04.1001	Real Estate Development.	25-1069	Social Sciences Teachers, Postsecondary, All

Results: Three occupations match the CIP code



I. Jobs Available for Program Graduates

- 1) Determine CIP code of proposed program
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- 3) Review occupations to determine the level of education typically required (undergraduate, master's, doctoral)

Access website and review information for each SOC title that matches CIP code:

<http://www.bls.gov/ooh/a-z-index.htm>

Education Required/Typical:

Architectural and Engineering Managers – bachelor's degree

Landscape Architects – bachelor's degree

Architecture Teachers, Postsecondary – doctoral degree



OCCUPATIONAL OUTLOOK HANDBOOK

Management >

Architectural and Engineering Managers

EN ESPAÑOL | [PRINTER-FRIENDLY](#)

Summary | What They Do | Work Environment | How to Become One | Pay | Job Outlook | State & Area Data | Similar Occupations | More Info

Summary

Quick Facts: Architectural and Engineering Managers

2014 Median Pay	\$130,620 per year \$62.80 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	5 years or more
On-the-job Training	None
Number of Jobs, 2014	182,100
Job Outlook, 2014-24	2% (Slower than average)
Employment Change, 2014-24	3,700



Architectural and engineering managers review plans for projects they oversee.

What Architectural and Engineering Managers Do

Architectural and engineering managers plan, direct, and coordinate activities in architectural and engineering companies.

Work Environment

Most architectural and engineering managers work in offices, although some may also work in laboratories and industrial production plants or at construction sites. Most work full time, and about half worked more than 40 hours a week in 2014.

How to Become an Architectural or Engineering Manager

Architectural and engineering managers typically need at least a bachelor's degree and considerable work experience as an architect or engineer.

Pay

The median annual wage for architectural and engineering managers was \$130,620 in May 2014.

Job Outlook



I. Jobs Available for Program Graduates

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Access U.S. data: Review occupational profile in OOC

Access Texas data:

- <http://www.tracer2.com/publication.asp?PUBLICATIONID=826>
- <http://www.tracer2.com/cgi/dataanalysis/AreaSelection.asp?tableName=Occprj>



Job Outlook (National Average 7%):
Architectural and Engineering Managers – 2%
Landscape Architects – 5%
Architecture Teachers, Postsecondary – 13% (all teachers)

Job Outlook (State Average 21.3%):
Architectural and Engineering Managers – 23.9%
Landscape Architects – 23.7%
Architecture Teachers, Postsecondary – 19%



Projections - Occupation

Selection Page 1 of 3

Select area types and areas for which you would like to view the data

1 Select Area types

Texas
Workforce Development Area (WDA)

2 Select Area
 Select consecutive 100/Clear All

Texas

Continue



Projections - Occupation

Selection Page 2 of 3

Select time periods for which you would like to view the data

3 Select Time Periods

2012-2022

Restart

Back

Continue

Sign up to receive workforce updates you can use.



Enter your email address

Submit

TEXAS
STATE
UNIVERSITY

The rising STAR of Texas



Projections - Occupation

Selection Page 3 of 3

Select other data preferences

4 Select an Occupation Code type

SOC

5 Select Occupations

landscape

Find It

Select consecutive 100/Clear All

- Judicial Law Clerks
- Kindergarten Teachers, Ex. Special Education
- Labor Relations Specialists
- Laborers & Freight, Stock, & Material Movers, Hand
- Landscape Architects**

Select Data Series

6 Select Data Series

Select all data

- Total Annual Openings
- Estimated Employment
- Change
- % Change
- Projected Employment

View By Areas Time Frames

Restart

Back

View Data



Projections - Occupation

Restart Back Print Download

[Help with Download](#)

Page 1 of 1 (40 results/page)

Area	Code	Occupation	Est Yr-Proj Yr	Estimated Employment	Projected Employment	Change	% Change	Annual Openings due to Growth	Annual Openings due to Replacements	Total Annual Openings
Texas	171012	Landscape Architects	2012 - 2022	760	940	180	23.7	20	20	40

Sign up to receive workforce updates you can use.



Enter your email address

Submit

Results for 2012-2022: 40 annual job openings

Question: Are Texas public universities graduating at least 40 students per year with landscape architecture degrees?

II. Similar Programs in Texas

- Access information on similar programs in Texas (program level, CIP code) from the Texas Higher Education Coordinating Board <http://www.thecb.state.tx.us/apps/programinventory/>
- Review university websites for more detailed information on similar programs



Texas Higher Education Coordinating Board



Board Members | Commissioner | Agency Info | Index A-Z | Search: >>

**Closing the Gaps
Higher Education Plan**

**Communications and
Policy**

**Internal Audit and
Compliance Monitoring**

**Academic Quality and
Workforce Division**

**Research and Project
Grants**

**College Readiness and
Success**

**Finance and Resource
Planning**

**Information for
Governing Board
Members**

**Data Resources and
Tools**

**Online Institutional
Resumes**

**Applying and Paying
for College**



Program Inventory

The degree program inventory contains information on degree and certificate programs offered by Texas public institutions of higher education. Locations of higher education throughout the state can be found on our [Higher Education Locator Map \(HELM\)](#).

[Degree Program Search](#)

This tool allows a user to search by one or more fields to find a degree program(s) offered at one or more public colleges, universities, or health-related institutions.

[Institution's Inventory of Degree Programs](#)

This tool allows a user to search by institutional name to obtain a full list of its degree programs by either the institution's administrative structure or CIP Code.

<http://www.thecb.state.tx.us/apps/programinventory/>



Closing the Gaps
Higher Education Plan

Communications and
Policy

Internal Audit and
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Academic Quality and
Workforce Division

Research and Project
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College Readiness and
Success

Finance and Resource
Planning

Information for
Governing Board
Members

Data Resources and
Tools

Online Institutional
Resumes

Applying and Paying
for College

Student Loans

Innovation and Policy
Development

Star Awards

Laws and Rules

Human Resources



Degree Program Search

This tool allows a user to search by one field or a combination of fields to find a degree program(s) offered at one or more public community, technical, or state college, public university, health-related institution, Independent/Private(ICUT) Institution, For Profit Colleges & Universities Authorized by Certificate, or Other Institutions Authorized by Certificate.

Texas CIP Codes: CIP codes are used to identify degree and certificate programs, courses, and declared major on the reports and inventories of the Texas Higher Education Coordinating Board.

Institution Type:

- Community Colleges
- State Colleges
- Technical Colleges
- Public Universities
- Health Related Institutions
- Independent Colleges and Universities of Texas (ICUT)
- For Profit Colleges & Universities Authorized by Certificate
- Other Institutions Authorized by Certificate

Institution: [All Institutions for Selected Types]

Degree Level: [All]

CIP Code: 04 . 0601 .

Enter 2-digit stem codes to retrieve the broadest possible results.

Program Name: []

Enter key words or truncated words to retrieve the broadest possible results.

Output: HTML Excel PDF

Search

Clear Form



Higher Education Plan

Communications and Policy

Internal Audit and Compliance Monitoring

Academic Quality and Workforce Division

Research and Project Grants

College Readiness and Success

Finance and Resource Planning

Information for Governing Board Members

Data Resources and Tools

Online Institutional Resumes

Applying and Paying for College

Student Loans



Program Inventory

([Do another search](#)) ([Higher Education Locator Map](#))

Institution Types:

- Public Universities

Program Level: ANY

CIP Code: 04.0601.*

Program Name: ANY

Programs Found:

4 in [Universities](#)

Awards Legend			
A - Associate	M - Master	P - Professional	E - Enhanced Skills Certificate
B - Bachelor	D - Doctorate	C - Certificate	T - Advanced Technical Certificate

Universities						
Institution	Program Name	CIP Code	Award Given			
Texas A&M University	LANDSCAPE ARCHITECTURE	04.0601.00	B	M		
Texas Tech University	LANDSCAPE ARCHITECTURE	04.0601.00	B	M		
The University of Texas at Arlington	LANDSCAPE ARCHITECTURE	04.0601.00		M		
The University of Texas at Austin	LANDSCAPE ARCHITECTURE	04.0601.00		M		

Results: 2 bachelor's programs and 4 master's programs at public institutions in Texas

III. Gap between Jobs Available and Graduates of Existing Programs

- THECB provides enrollment and graduation data on specific academic programs (by CIP code) from public universities

http://www.txhighereddata.org/Interactive/PREP_New/



T * E * X * A * S HIGHER EDUCATION DATA

Search GO

[Overview \(Quick Links\)](#) | [External Data Resources](#) | [Online Applications](#) | [Workforce](#) | [Higher Education Topics](#) | [High School to College \(P-16\)](#) | [Reporting to THECB](#) | [A-Z Index](#)

Policymakers
[Accountability, almanac, financials...](#)

Parents, Students & K-12 Educators
[Online Resumes, H.S. to college stats...](#)

Media
[Overview, Almanac, Press Releases...](#)

Institutions and Researchers
[Reporting data, statistics...](#)

Career and Workforce Educators
[Partners, WECM, Workforce Topics...](#)

Latest News

12/02/2015	Texas Consumer Resource for Education and Workforce Statistics (Texas CREWS) Updated
10/09/2015	2013-2014 ASALFS Exit Cohort Reports
09/28/2015	2014 High School TSI Summary Report Posted
09/11/2015	2013-2014 ASALFS Students Pursuing Additional Education
09/11/2015	2013-2014 Automated Student and Adult Learner

PREP-Profile Reports Electronically Produced

Data collected from Texas public higher education institutions are summarized into management information system database tables for query access. These summaries of certified data are accessible through the PREP system. Generally, information is available by institution or statewide for selected semesters.

Notes:

1. These data are summarized from CBM reports provided to the Coordinating Board by the public higher education institutions in Texas.
2. The enrollment information includes students in credit courses only.
3. The degrees awarded data are reported after the end of the academic year and represent all awards in that academic year.
4. Cookies and java script must be enabled on your browser in order for Prep Online to function correctly.

If you need assistance with this application because of a disability, contact [Victor Reyna](#).

Select data to query:

[Enrollment](#)

[Degrees Awarded](#)

[Declared Majors](#)

[Semester Credit Hours \(SCH\)](#)

[Contact Hours \(2-year institutions\)](#)

[Faculty Headcount - *\(coming soon\)*](#)



http://www.txhighereddata.org/Interactive/PREP_New/



T ★ E ★ X ★ A ★ S HIGHER EDUCATION DATA

Texas Higher Education Coordinating Board | 1200 East Anderson Lane | Austin, TX 78752 | 512-

Degrees Awarded

Statewide

[By Institution Type](#)

[By Institution Type, Award Level.](#)

Selected Institution(s) and Institution Groupings

[Total Degrees Awarded](#)

[By Award Level](#)

[By Award Level, Ethnicity](#)

[By Award Level, Gender](#)

[By Award Level, Curriculum Area](#)

[By Award Level, Curriculum Area \(all CIPs\) by Institution](#)

[By Gender](#)

[By Ethnicity](#)

[By Curriculum Area \(CIP\)](#)

[By Curriculum Area \(all CIPs\) by Institution](#)

[By Award Level, Gender, Ethnic Origin](#)

Degrees awarded data are collected annually from Texas higher education institutions after the end of each academic year.

For queries with list boxes that allow multiple selections

Control + Click

Hold down the control key and (left) click on the items you want to select.

Shift + Click

(Left) click on the first item you want to select, then press the shift key and click on the last item you want to select. All entries within those two items will be selected.



T * E * X * A * S HIGHER EDUCATION DATA

Texas Higher Education Coordinating Board | 1200 East Anderson Lane | Austin, TX 78752 | 512-427-6101

Degrees Awarded Statewide

[By Institution Type](#)

[By Institution Type, Award Level,](#)

Selected Institution(s) and Institution Groupings

[Total Degrees Awarded](#)

[By Award Level](#)

[By Award Level, Ethnicity](#)

[By Award Level, Gender](#)

[By Award Level, Curriculum Area](#)

[By Award Level, Curriculum Area \(all CIPs\) by Institution](#)

[By Gender](#)

[By Ethnicity](#)

[By Curriculum Area \(CIP\)](#)

[By Curriculum Area \(all CIPs\) by Institution](#)

[By Award Level, Gender, Ethnic Origin](#)

Degrees Awarded - by award level, curriculum area (CIP) for selected institution(s), year(s), award level(s), CIP area(s).

Institution Category

Public University

Institution(s)

ALL
ANGELO STATE UNIVERSITY
LAMAR UNIVERSITY
MIDWESTERN STATE UNIVERSITY
PRAIRIE VIEW A&M UNIVERSITY
SAM HOUSTON STATE UNIVERSITY
STEPHEN F. AUSTIN STATE UNIV
SUL ROSS RIO GRANDE COLLEGE
SUL ROSS STATE UNIVERSITY
TARLETON STATE UNIVERSITY
TEXAS A&M UNIVERSITY
TEXAS A&M INTERNATIONAL UNIV
TEXAS A&M UNIV AT GALVESTON
TEXAS A&M UNIV-CENTRAL TEXAS
TEXAS A&M UNIV-CORPUS CHRISTI
TEXAS A&M UNIV-KINGSVILLE
TEXAS A&M UNIV-SAN ANTONIO
TEXAS A&M UNIVERSITY-COMMERCE

School Year(s)

ALL
2013-14
2012-13
2011-12
2010-11
2009-10
2008-09
2007-08
2006-07
2005-06
2004-05
2003-04
2002-03
2001-02
2000-01
1999-00
1998-99
1997-98
1996-97
1995-96
1994-95
1993-94
1992-93
1991-92
1990-91

Award Level(s)

ALL
Associate
Baccalaureate
Master's
Doctoral

2-digit CIP Program Area

01-Agriculture, General
02-Agricultural Sciences
03-Natural Resources and Conservation
04-Architecture and Related Services
05-Area, Ethnic, Cultural, and Gender Studies
08-Sales and Marketing Operations/Management

Curriculum Area

ALL
04020100-Architecture (BArch, BA/BS,
04030100-City/Urban, Community and
04040100-Environmental Design/Archit
04050100-Interior Architecture
04060100-Landscape Architecture (BS
04070100-Architectural Urban Design &

Output Format

HTML

Execute >>>



Degrees Awarded by Level, Curriculum Area (CIP)

Public University

Level: Baccalaureate 04060100-Landscape Architecture (BS, BSLA, BLA, M

Institution	FICE Code	School Year					
		2013-14	2012-13	2011-12	2010-11	2009-10	2008-09
TEXAS A&M UNIVERSITY	003632	16	25	30	21	21	32
TEXAS TECH UNIVERSITY	003644	19	22	23	16	30	29
TOTAL for CIP Code 04060100		35	47	53	37	51	61

Texas Higher Education Coordinating Board - 01/06/2016

Degrees Awarded by Level, Curriculum Area (CIP)

Public University

Level: Master's 04060100-Landscape Architecture (BS, BSLA, BLA, M

Institution	FICE Code	School Year					
		2013-14	2012-13	2011-12	2010-11	2009-10	2008-09
TEXAS A&M UNIVERSITY	003632	15	13	10	8	11	10
TEXAS TECH UNIVERSITY	003644	4	3	5	2	2	2
U. OF TEXAS AT ARLINGTON	003656	10	14	8	7	8	7
U. OF TEXAS AT AUSTIN	003658	9	15	16	11	10	8
TOTAL for CIP Code 04060100		38	45	39	28	31	27

Texas Higher Education Coordinating Board - 01/06/2016

Results: Texas public institutions are graduating 70+ students each year with landscape architecture degrees. Only 40 landscape architects are needed per year. What about the other two occupations identified?

Next Steps

- Texas needs over 750 architecture and engineering managers per year.
- Texas needs 30 post-secondary teachers of architecture per year.
- Landscape architecture is not the only degree that will work for these two occupations, as they are broader in nature.
- Analysis should incorporate broader architecture programs and graduates in the state.
- Supplemental surveys and support are needed.

IV. Supplemental Support

- Information on peer institutions:
<http://www.ir.txstate.edu/ir-self-service/peer-data>
- Other Institutional Research reports:
<http://www.ir.txstate.edu/reports-projects/external.html>
- Reports / databases provided by professional organizations
- Reports / databases provided by accreditation agencies



Lessons Learned at Texas State

- Strong undergraduate programs are vital for master's programs; strong master's programs are vital for doctoral programs.
- Only programs on the strategic plan move forward in the order in which they were proposed.
- For doctoral programs, the faculty must have strong research records.
- Not all concentrations / tracks of a proposed degree may turn out to be viable. We move forward with the viable one(s) to be authorized to offer the degree. Adding tracks/concentrations later is easier.
- Open communication with faculty is essential.
- Faculty can still participate in the program (as teachers, advisors, etc.) even if their specialization is not one of final concentrations.
- Proposal writers typically receive summer salary, work load credits, etc.
- It can be helpful to hire an editor for consistent style.

Questions?

Contact information:
agolato@txstate.edu