

**PVAMU Post-Baccalaureate Degree Programs Inventory**  
**Semester Credit Hours Required in Respective Core\***  
**Research/Thesis Requirements\***  
**By**  
**College and Program**

\*Not all courses included in the Core are listed; Not an exhaustive list of requirements for degree.

<b>College of Agriculture and Human Sciences</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Agriculture-Economics	MS	9 SCH Core; 6 SCH Research/Resource AGEC 5263 Research Methods or HUSC 5343 Research Problems AGHR 5303 Research or HUSC 5693 Thesis
Animal Science	MS	9 SCH Core; 6 SCH Research/Resource AGEC 5263 Research Methods or HUSC 5343 Research Problems AGHR 5303 Research or HUSC 5693 Thesis
Human Sciences	MS	12 SCH Core; 6 SCH in Research/Resource; Including: HUSC 5543 Theories of Child Development HUSC 5343 Research Problems or AGEC 5263 Research Methods Several Options available to satisfy Resource, Including, HUSC 5693 Thesis and a 6 SCH in Field Placement
Soil Science	MS	9 SCH Core; 6 SCH Research/Resource AGEC 5263 Research Methods or HUSC 5343 Research Problems AGHR 5303 Research or HUSC 5693 Thesis

<b>School of Architecture</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Architecture	MARCH	30 SCH Core, Including: ARCH 5506 Internship ARCH 5513 Research Seminar
Community Development	MCD	24 SCH Core, Including: CODE 5343 Community Development Research CODE 5043 Community Development Practicum I CODE 5063 Community Development Practicum II

<b>College of Arts and Sciences</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Biology	MS	18 SCH Core/Required Courses, Including: BIOL 5003 Research BIOL 5141 Seminar in Biological Problems Thesis or Major Project Required
Biology	MS	See MS requirements above. Environmental Slated for Removal with THECB
Chemistry	MS	20 SCH Core (with prereqs increasing as progression is made through core) Thesis of 6 SCH Required.

English	MA	18 SCH Core, Including: ENGL 5123 Research Methods ENGL 5313 Literary Theory & Criticism Comprehensive Exam, and Seminar Paper Defense, p. 136
Mathematics	MS	12 SCH Core, Including: MATH 5013 Introduction to Point-set Theory Thesis of 6 SCH Required.
Sociology	MA	9 SCH Core, Including: SOCG 5223 Research Methods SOCG 5213 Classical Sociological Theory SOCG 5123 Social Statistics

<b>College of Business</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Accounting	MS	21 SCH, Including: ACCT 5113 Advanced Auditing ACCT 5143 Accounting Theory BCOM 5203 Managerial Communications
General Business Admin.	MBA	30 SCH (with 18 SCH of Pre-req courses before the core), Including: BCOM 5203 Managerial Communications FINA 5103 Theory of Financial Management MGMT 5123 Quantitative Analysis

<b>College of Education</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Curriculum and Instruction	MAED	12 SCH Core, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research
	MED	12 SCH Core; Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5923 Master's Seminar
	MSED	12 SCH Core, Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5903 Thesis Research
Curriculum and Instruction – Educational Media and Technology	MED	12 SCH Core; Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5923 Master's Seminar
	MSED	12 SCH Core, Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5903 Thesis Research
Curriculum and Instruction – Reading Education	MED	12 SCH Core; Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5923 Master's Seminar
	MSED	12 SCH Core, Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5903 Thesis Research

Special Education	MED	12 SCH Core; Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5923 Master's Seminar
	MSED	12 SCH Core, Resource and Research 12 SCH, Including: CURR 5003 Theory and Dynamics of Curriculum and Instruction EDFN 5103 Foundations of Educational Research EDFN 5903 Thesis Research
Counseling	MA,	12 SCH Core; 6 SCH Required Research and Practicum, Including: CNSL 5163 Research; and Practicum 3 SCH
	MSED	12 SCH Core; 6 SCH Required Research and Practicum, Including: EDFN 5903 Thesis Research
Educational Administration	MED	12 SCH Core; 3 SCH Required Research, Including: ADMN 5093 Educational Statistics ADMN 5163 Research with 5093 as pre-req.
	MSED	12 SCH Core; 3 SCH Required Research, Including: EDFN 5903 Thesis Research
Educational Administration-Instructional Supervision	MED	12 SCH Core; 3 SCH Research, Including: ADMN 5073 School Curriculum Leadership ADMN 5093 Educational Statistics ADMN 5163 Research with 5093 as pre-req
	MSED	12 SCH Core; 3 SCH Research, Including: ADMN 5073 School Curriculum Leadership ADMN 5093 Educational Statistics EDFN 5903 Thesis Research
Educational Leadership	PHD	30 SCH Core; 12 SCH Research; and 12 SCH Dissertation, Including: EDUL 7023 Organizational Theory EDUL 7435 Grant Writing EDUL 7603 Quantitative Research Design EDUL 7613 Qualitative Research Design EDUL 7623 Advanced Research EDUL 8013 Dissertation Seminar
Health and Physical Education-Health	MED	12 SCH Core; 12 SCH Research/Resource: EDFN 5103 Foundations of Educational Research PHED 5133 Physical Education Curriculum EDFN 5923 Master's Seminar
	MS	12 SCH Core; 12 SCH Research/Resource: EDFN 5103 Foundations of Educational Research PHED 5133 Physical Education Curriculum EDFN 5143 Advanced Educational Statistics EDFN 5903 Thesis Research
Health and Physical Education	MED	12 SCH Core; 12 SCH Research/Resource: EDFN 5103 Foundations of Educational Research PHED 5133 Physical Education Curriculum EDFN 5923 Master's Seminar
	MS	12 SCH Core; 12 SCH Research/Resource: EDFN 5103 Foundations of Educational Research PHED 5133 Physical Education Curriculum EDFN 5143 Advanced Educational Statistics EDFN 5903 Thesis Research
Health and Physical Education - Physical	MED	12 SCH Core; 12 SCH Research/Resource: EDFN 5103 Foundations of Educational Research PHED 5133 Physical Education Curriculum EDFN 5923 Master's Seminar

Education	MS	12 SCH Core; 12 SCH Research/Resource: EDFN 5103 Foundations of Educational Research PHED 5133 Physical Education Curriculum EDFN 5143 Advanced Educational Statistics EDFN 5903 Thesis Research
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<b>College of Engineering</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Computer Science	MS	21 SCH Core, Including: CINS 5003 Research Methods and Graduate Seminars Thesis Option Requirement: CINS 5906 Masters Thesis Non-Thesis Requirement: CINS 5913 Master's Project
Computer Information Systems	MS	21 SCH Core, Including: CINS 5003 Research Methods and Graduate Seminars Thesis Option Requirement: CINS 5906 Masters Thesis Non-Thesis Requirement: CINS 5913 Master's Project
Engineering	MSENGR	12 SCH Core; Including: GNEG 5063 Engineering Analysis I GNEG 5033 Engineering Probability and Statistics GNEG 5023 Operation Research GNEG 5193 Special Topics Thesis Option Requirement: GNEG 5086 Thesis Non-Thesis Option: GNEG 5303 Graduate Project or GNEG 5203 Graduate Internship
Electrical Engineering	MSEE	12 SCH Core; Including: GNEG 5063 Engineering Analysis I GNEG 5033 Engineering Probability and Statistics GNEG 5133 Numerical Methods Thesis Option Requirement: ELEG 5996 Thesis Non-Thesis Option: ELEG 5913 Engineering Project
	PhD	29 SCH Core, Including: ELEG 6011 Graduate Seminar I ELEG 6021 Graduate Seminar II ELEG 7016 Doctoral Research I ELEG 7026 Doctoral Research II ELEG 7916 Doctoral Dissertation I ELEG 7926 Doctoral Dissertation II
Computer Engineering	MSCS	12 SCH Core; Including: GNEG 5063 Engineering Analysis I GNEG 5033 Engineering Probability and Statistics GNEG 5133 Numerical Methods Thesis Option Requirement: ELEG 5996 Thesis Non-Thesis Option: ELEG 5913 Engineering Project
	MSCIS	12 SCH Core; Including: GNEG 5063 Engineering Analysis I GNEG 5033 Engineering Probability and Statistics GNEG 5133 Numerical Methods Thesis Option Requirement: ELEG 5996 Thesis Non-Thesis Option: ELEG 5913 Engineering Project

<b>College of Juvenile Justice and Psychology</b>	
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<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Juvenile Justice	MSJJ	12 SCH Core, Including: JJUS 5123 Foundations of Juvenile Justice JJUS 5763 Theories of Delinquency JJUS 5943 Research Methods JJUS 5963 Applied Statistical Methods and Computing (must be completed in first 12 SCH) Thesis: JJUS 5986 Thesis Non-Thesis: Comprehensive Examination and 6 additional SCH
	PhD	12 SCH Prereq Core for Admission, Including: JJUS 5943 Research Methods (or equivalent) JJUS 5963 Applied Statistical Methods or Computing (or equivalent) 9 SCH Theory Core; 18 SCH Dissertation Core
Juvenile Forensic Psychology	MSJFP	Thesis Option: 18 SCH Core, Including: JPSY 5943 Research Methods JJUS 5963 Applied Statistical Methods and Computing (must be completed in first 12 SCH) JPSY 5983 Thesis (empirical) Externship Option: 18 SCH, Including: JPSY 5843 Personality Assessment I JPSY 5853 Personality Assessment II JPSY 5973 Field Work in Psychology
Clinical Adolescent Psychology	PhD	37 SCH Core, Including: CPSY 7943 Advanced Research Methods I CPSY 7963 Advanced Statistical Techniques I 15 SCH Required Practicum Courses, Including: CPSY 7823 Practicum I through CPSY 7863 Practicum V 12 SCH Dissertation Core; 12 SCH Internship Core

<b>College of Nursing</b>		
<i>Program</i>	<i>Degree</i>	<i>SCH Required in Core; and Required Research and/or Thesis SCH</i>
Nursing – Nurse Administration	MSN	14 SCH Core, Including: NURS 5013 Theoretical Foundations of Nursing NURS 5133 Clinical Research NURS 5042 Role Theory and Ethics in Advanced Practice Thesis Option: NURS 5803 Thesis Proposal Writing NURS 5903 Thesis Non-Thesis: NURS 5743 Writing for Publication; 3 SCH additional coursework
Nursing – Practitioner	MSN	14 SCH Core, Including: NURS 5013 Theoretical Foundations of Nursing NURS 5133 Clinical Research NURS 5042 Role Theory and Ethics in Advanced Practice Thesis Option: NURS 5803 Thesis Proposal Writing NURS 5903 Thesis Non-Thesis: NURS 5743 Writing for Publication; 3 SCH additional coursework

Nursing – Nurse Education	MSN	14 SCH Core, Including: NURS 5013 Theoretical Foundations of Nursing NURS 5133 Clinical Research NURS 5042 Role Theory and Ethics in Advanced Practice Thesis Option: NURS 5803 Thesis Proposal Writing NURS 5903 Thesis Non-Thesis: NURS 5743 Writing for Publication; 3 SCH additional coursework
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