

BACHELOR OF SCIENCE, MAJOR IN INTEGRATED STUDIES: LAND AND URBAN PROPERTY DEVELOPMENT CONCENTRATION

The BS in Integrated Studies: Land and Urban Property Development Concentration combines Construction Management, Geo-Spatial Science, and Real Estate minors to provide graduates with technical and analytical skills in these complementing fields that allow for better decision-making in site selections, environmental impact assessments, urban planning, as well as the ability to understand market trends, property valuation, and development processes. Graduates will have insights when communicating with stakeholders across different disciplines, including engineers, architects, planners, and real estate professionals, preparing them for various careers, such as project and facilities manager, real estate developer, GIS specialist, construction/urban planner, and sustainability consultant.

Code	Title	Hours
Bachelor of Science, Major in Integrated Studies: Land and Urban Property Development Concentration		
Core Curriculum (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)		
Component Area I (Communication) ¹		6
Component Area II (Mathematics) ^{2,3}		3
Component Area III (Life and Physical Science) ²		8
Component Area IV (Language, Philosophy, and Culture) ²		3
Component Area V (Creative Arts) ²		3
Component Area VI (U.S. History) ²		6
Component Area VII (Political Science/Government) ²		6
Component Area VIII (Social and Behavioral Sciences) ²		3
Component Area IX (Component Area Option) ²		4
Degree Specific Requirements		
CHSS Core (Select one course from the following:)		3
ENGL 3330	Introduction to Technical Writing	
ENGL 3377	Argument and Persuasion	
HSTY 3345	History of Medicine	
or HIST 3373	Topics in the History of Science and Medicine	
PHIL 2303	Critical Thinking	
POLS 3379	Research and Writing in Political Science	
SOCI 2399	Writing in Sociology	
Select 15 advanced elective hours (3000-4000) from related subject areas ⁴		15
Major: Foundation		
INTG 3301	Critical Approaches to Integrated Studies	3
INTG 4301	Integrated Studies Capstone ⁵	3
Minor: Required		
Minor Area I: Construction Management ⁶		
ETCM 1363	Wood Frame Construction	3
ETCM 3368	Concrete/Masonry Construction	3
ETCM 4330	Construction Equipment & Procedures	3
ETCM 4368	Building Materials ⁷	3
ETCM 4370	Construction Plans & Documents	3
ETCM 4371	Building Information Modeling	3
ETDD 2363	Architectural Design	3
Minor Area II: Geo-Spatial Science ⁶		
GEOG 2464	Introduction to Geographic Information Systems (GIS)	4
GEOG 4365	Applied Geographic Information Systems (GIS)	3
Select three of the following applied courses:		9-10
GEOG 3363	Computer Cartography	
GEOG 4311	GIS in Law Enforcement	

GEOG 4361	Geographic Information Systems for Public Health	
GEOG 4367	GIS Programming	
GEOG 4468	Remote Sensing	
Select one of the following Geotechnique Applications courses:		3-4
GEOG 4330	Hydrology and Water Resources ⁸	
GEOG 4333	Field Studies	
GEOG 4351	Economic Geography	
GEOG 4356	Urban Geography ⁹	
GEOG 4357	Population Geography ⁹	
GEOG 4359	Transportation Geography ⁹	
GEOG 4432	Geomorphology ¹⁰	
Minor Area III: Real Estate		
ECON 3373	Urban And Regional Economics ¹¹	3
REAL 3310	Real Estate Principles	3
REAL 3365	Real Estate Law	3
REAL 4350	Real Estate Debt	3
REAL 4351	Real Estate Equity	3
REAL 4352	Real Estate Market and Development Feasibility Analysis	3
Total Hours		124-126

¹ Taken first year.

² Taken first or second year.

³ MATH 1332 is recommended.

⁴ These courses are in addition to major/minor requirements.

⁵ Students must have senior hours, be in good academic standing, and have completed the required CHSS Core course and INTG 3301 before registering for INTG 4301.

⁶ Some minors require more than 18 semester credit hours.

⁷ The prerequisite for ETCM 4368 is ETCM 2367 and ETCM 3368. For students in this concentration, the prerequisite of ETCM 2367 will be waived.

⁸ The prerequisite for GEOG 4330 is (GEOL 1403 or GEOG 2341 or GEOL 1405 or GEOG 4432) and (MATH 1314 or MATH 1342 or MATH 1420).

⁹ The prerequisite for GEOG 4356, GEOG 4357, and GEOG 4359 is GEOG 2355 or GEOG 2356.

¹⁰ The prerequisite for GEOG 4432 is (GEOL 1403 or GEOL 1405 or GEOG 2341) and (MATH 1314 or MATH 1342 or MATH 1420 or MATH 3379).

¹¹ The prerequisite for ECON 3373 is 42 completed hours and ECON 2300 or ECON 2301 or ECON 2302.

Notes

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.0 minimum SHSU major GPA in all major coursework.

Core Component Areas II, III, IV, V, VI, VII, VIII, and IX (including the one credit hour requirement) could double dip from the core and the minors.

Each minor must have 18 unique credits. Students may have to take more than 18 credits to complete the minor.

Graduation requirements include completing all course requirements along with completing at least 120 hours, 42 advanced hours, 24 advanced in-residence hours, and INTG 4301. Students may need to take general electives and/or advanced general electives outside of courses outlined on their degree plan to meet those requirements.

Students must earn a grade of "C" or better in INTG 3301 and INTG 4301.

First Year

Fall	Hours	Spring	Hours
Component Area II (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii) ¹		3 ENGL 1302	3

Component Area V (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)	3	Component Area III (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) ²	4
ECON 2300, 2301, or 2302	3	ETCM 1363 (Minor Area I: Construction Management) ⁶	3
ENGL 1301	3	HSTY 1302	3
HSTY 1301	3	POLS 2305	3
	15		16
Second Year			
Fall	Hours	Spring	Hours
Component Area IV (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiiv)		3 Component Area III (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) ²	4
Component Area IX (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) ³		1 INTG 3301	3
Component Area IX (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)		3 Minor Area I: Construction Management ⁶	3
CHSS Core ^{4,5}		3 Minor Area II: Geo-Spatial Science ⁶	3
ETDD 2363 or ETCM 3372 (Minor Area I: Construction Management) ⁶		3 POLS 2306	3
GEOG 2464 (Minor Area II: Geo-Spatial Science) ⁶		4	
	17		16
Third Year			
Fall	Hours	Spring	Hours
Minor Area I: Construction Management ⁶		6 DSR Advanced Electives ⁷	3
Minor Area II: Geo-Spatial Science ⁶		6 Minor Area I: Construction Management ⁶	3
Minor Area III: Real Estate		3 Minor Area II: Geo-Spatial Science ⁶	3-4
		Minor Area III: Real Estate	6
	15		15-16
Fourth Year			
Fall	Hours	Spring	Hours
DSR Advanced Electives ⁷		6 DSR Advanced Electives ⁷	6
Minor Area I: Construction Management ⁶		3 INTG 4301 ⁸	3
Minor Area II: Geo-Spatial Science ⁶		3-4 Minor Area III: Real Estate	6
Minor Area III: Real Estate		3	
	15-16		15

Total Hours: 124-126

¹ MATH 1332 is recommended.

² It is recommended that students in this concentration take GEOL 1405 as one of the Core Curriculum required 4-hour courses for Component Area III (Life and Physical Science).

³ One hour of MATH 1410 or MATH 1420 may count for one semester credit hour of the Core Curriculum requirement for Component Area IX (Component Area Option).

⁴ CHSS Core (Select one of the following courses): ENGL 3330, ENGL 3377, HSTY 3345 or HIST 3373, PHIL 2303, POLS 3379, SOCI 2399.

⁵ The course chosen in this block may also satisfy a requirement for a minor.

⁶ Some minors require more than 18 semester credit hours.

⁷ Select 15 advanced elective hours (3000-4000) from related subject areas.

⁸ Students must have senior hours, be in good academic standing, and have completed the required CHSS Core course and INTG 3301 before registering for INTG 4301.

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Students must earn a grade of "C" or better in INTG 3301 and INTG 4301.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Integrated Studies: Land and Urban Property Development Concentration is designed to provide graduates with the following marketable skills:

- Integration of diverse fields and perspectives.
- Innovative problem-solving abilities.
- Flexibility and adaptability.
- Integrated technical and analytical expertise.
- Cross-disciplinary communication and project management.
- Proficiency in industry tools and career readiness.