

18 coastal management

GOAL 1: Florida Atlantic University endeavors to assist local agencies in protecting public health, safety, and property from the harmful effects of natural disasters.

Objective 1A: The University will, to the best of its ability, provide suitable space in University facilities for students, faculty, and employees expected to require shelter prior to and during a disaster. The University will implement the following policies:

- **Policy 1A-1:** The University recognizes that none of its current facilities are suitable for use as emergency shelters and shall continue to work with local agencies to accommodate students, faculty, and staff expected to require shelter prior to and during a disaster. Palm Beach County has been deemed to have sufficient shelters per the 2018 Statewide Emergency Shelter Plan.
- **Policy 1A-2:** In accordance with s. 1013.372 F.S., FAU is located in an area that does not have a hurricane evacuation shelter deficit. The university should continue monitoring updates to the Statewide Emergency Shelter Plan to determine if a deficit is noted in future years.
- **Policy 1A-3:** The University will make available appropriate areas of the University for use by emergency management agencies as staging areas for supplies and equipment. The University shall designate large open areas such as parking lots, recreational fields, and undeveloped fields for this use.
- **Policy 1A-4:** Information regarding University facilities suitable for use as emergency shelters and areas designated for use as staging areas by emergency management agencies shall be made available to local emergency management agencies.
- **Policy 1A-5:** The University shall incorporate procedures for the management and operation of University emergency shelters in its Comprehensive Emergency Management Plan.





appendix a: space needs analysis summary

Space Use Category	2017 Student Headcount = 23,698 Student FTE = 16,413				Future Horizon 2028 Student Headcount = 28,715 Student FTE = 22,660			
	Current ASF	Calculated Space Requirement	Difference	Percent Difference	Future Built ASF	Calculated Future Space Requirement	ASF Difference	Percent Difference
Academic & Academic Support								
Classrooms	118,477	146,615	(28,138)	(24%)	118,477	172,670	(54,193)	(46%)
Teaching Laboratories	174,459	183,270	(8,811)	(5%)	174,459	215,835	(41,376)	(24%)
Research Laboratory	122,093	236,150	(114,057)	(93%)	122,093	384,650	(262,557)	(215%)
Office-Computer	453,165	376,960	76,205	17%	453,165	433,050	20,115	4%
Study/Library	131,888	181,640	(49,752)	(38%)	131,888	250,360	(118,472)	(90%)
Gymnasium	25,363	84,240	(58,877)	(232%)	25,363	102,980	(77,617)	(306%)
Instructional Media	5,077	16,210	(11,133)	(219%)	5,077	19,330	(14,253)	(281%)
Auditorium/Exhibition	46,293	49,240	(2,947)	(6%)	46,293	67,980	(21,687)	(47%)
Campus Support	31,707	63,715	(32,008)	(101%)	31,707	82,340	(50,633)	(160%)
Residential Facilities	593	593	0	0%	593	593	0	0%
Other Assignable	26,313	26,313	0	0%	26,313	26,313	0	0%
Subtotal	1,135,428	1,364,946	(229,518)	(20%)	1,135,428	1,756,101	(620,673)	(55%)
Auxiliary & Auxiliary Support								
Classrooms	1,684	1,684	0	0%	1,684	1,684	0	0%
Teaching Laboratories	7,246	7,246	0	0%	7,246	7,246	0	0%
Research Laboratory	6,715	6,715	0	0%	6,715	6,715	0	0%
Office-Computer	34,411	34,411	0	0%	34,411	34,411	0	0%
Study/Library	6,961	6,961	0	0%	6,961	6,961	0	0%
Gymnasium	187,344	190,000	(2,656)	(1%)	187,344	210,000	(22,656)	(12%)
Instructional Media	483	483	0	0%	483	483	0	0%
Auditorium/Exhibition	22,672	22,672	0	0%	22,672	22,672	0	0%
Student Center	126,125	213,282	(87,157)	(69%)	126,125	258,435	(132,310)	(105%)
Campus Support	8,003	29,980	(21,977)	(275%)	8,003	33,490	(25,487)	(318%)
Parking Garage	516,061	516,061	0	0%	516,061	516,061	0	0%
Residential Facilities	939,309	938,700	609	0%	939,309	2,063,700	(1,124,391)	(120%)
Other Assignable	106,167	106,167	0	0%	106,167	106,167	0	0%
Subtotal	1,963,181	2,074,362	(111,181)	(6%)	1,963,181	3,268,025	(1,304,844)	(66%)
TOTAL	3,098,609	3,439,308	(340,699)	(11%)	3,098,609	5,024,126	(1,925,517)	(62%)

Figure A.1 Space Needs Analysis Summary: Boca Raton Campus

The space needs analysis above was performed by applying normative space guidelines using data provided by FAU. Reliability of the findings of any space needs study depends on several factors, including the quality of the data, the appropriateness of the space standards used, and the validity of the enrollment projections. The analysis utilized space needs generation factors, formulas and standards for Florida Colleges as dictated by the State Board of Education when available. The analysis has not been validated and is not intended for use in determining project funding.