

# Bachelor of Applied Science, Facilities Management

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check STAR GPS at <https://www.star.hawaii.edu/>. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656.

## Graduation Requirements (see the 2024-25 catalog for any additional graduation requirements):

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> 45 Upper Division Credits Minimum | <input type="checkbox"/> 3 Upper Division Writing Intensive Courses | <input type="checkbox"/> 2.0 UHWO GPA          |
| <input type="checkbox"/> 120 Total Credits Minimum         | <input type="checkbox"/> Focus Requirements (OC, HAP, ETH)          | <input type="checkbox"/> 2.0 CONCENTRATION GPA |
| <input type="checkbox"/> 30 UHWO Credits                   |   |  |

*\*Note: Some courses may be applied more than once to fulfill General Education, Core, or Concentration Requirements. Double counted courses do not reduce the number of credits required for the concentration. Students are still responsible for meeting the minimum number of credits in the concentration and the overall total credits for graduation.*

## General Education Requirements: 31 credits (\*21 credits see note above)

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) ENG 100 Composition I
0*	Foundations of Quantitative Reasoning (FQ) <b>MATH 140, 140X, or higher-level Math</b>
6	Foundations Global and Multicultural Perspectives (FG): 6 credits from two <b>different</b> groups (A, B, C): *Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas
0*	Diversification Social Sciences (DS): 6 credits from two different areas <b>ECON 130</b>
3	Diversification Social Sciences (DS): Different area from above.
3	Diversification Natural Sciences (DB, DP, DY): 3 credits from the biological sciences (DB):
0*	3 credits from the physical sciences (DP): <b>CHEM 161</b>
0*	1 credit of laboratory (DY): <b>CHEM 161L</b>

## Writing Skills Requirement: 3 credits

### Select one course from the following:

ENG 200 Composition II  
ENG 209 Business Writing

Credits	Course Alpha / Number / Title
3	

## Lower Division Math Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	MATH 140, 140X, or higher-level Math <i>*Will satisfy FQ requirement in General Education above</i>

## Applied Science Core Requirements: 12 credits

Credits	Course Alpha / Number / Title
3	ICS 101 Introduction to Digital Tools for the Information World
3	SSCI 301 Methods & Techniques in Social Science Research
3	MGT 301 Business Ethics <b>OR</b> other 300-400 level course with an Ethics designation
3	BUSA 320 Statistics for Decision-Making

**FGMT Lower Division Concentration Requirements: 29 credits**

Credits	Course Alpha / Number / Title
3	ACC 201 Introduction to Financial Accounting
3	ACC 202 Introduction to Managerial Accounting
3	CHEM 161 General Chemistry <i>*Will satisfy DP requirement in General Education above</i>
1	CHEM 161L General Chemistry Lab <i>*Will satisfy DY requirement in General Education above</i>
3	ECON 130 Principles of Microeconomics <i>*Will satisfy one DS requirement in General Education above</i>
3	ENGR 101 Intro to Engineering
3	ENGR 121 Building Science
3	ENGR 221 Electrical Systems for Facilities
3	ENGR 231 Mechanical & Plumbing Systems for Facilities
3	PHYS 151 College Physics
1	PHYS 151L College Physics Lab

**FGMT Concentration Requirements: 24 credits**

Credits	Course Alpha / Number / Title
3	BUSA 345 Management of Information Systems
3	FMGT 300 Principles & Practices for Facilities Management
3	FMGT 302 Operations, Leadership & Strategy & Maintenance Management for Facilities
3	FMGT 401 Environmental, Health, & Safety Management for Facilities
3	FMGT 402 Corporate Real Estate Management for Facilities
3	FMGT 403 Sustainable Strategies for Facilities
3	MGT 310 Principles of Management
3	MGT 321 Project Management

**Capstone Requirement: 3 credits**

Credits	Course Alpha / Number / Title
3	WI APSC 486F Senior Project or WI APSC 490F Senior Practicum

**Elective Requirements: 25 credits**

See your College Success Advisor to confirm how many Upper and Lower Division electives are needed.

Credits	Course Alpha / Number / Title
3	<i>Upper Division Elective (300-400 level)</i>
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**Recommended Electives:**

ENGR 321 Advanced Electrical and Mechanical Systems for Facilities  
 ENGR 330 Environmental Engineering  
 ENGR 333 Assessing and Auditing Facility Quality  
 ISA 275 Security Essentials  
 ISA 330 Introduction to Proactive System Security

ISA 430 Cybersecurity for Supervisory Control and Data Acquisition

MATH 241 Calculus I

MGT 325 Operations Management

MGT 330 Human Resource Management

PUBA 462 Disaster Recovery & Business Continuation

**NOTES:** Charles Chen is the faculty contact for this program. For additional information, he may be reached at [xiaolian@hawaii.edu](mailto:xiaolian@hawaii.edu) or by phone at (808) 689-2399.