

Use proposal for the Osborne
House (Curious Minds) facility

Health and Human Performance



Health and Human Performance Department

- K-12 Physical Education and Health majors and minors
- BS: Health and Human Performance majors and minors.
- Health & Fitness Management Option students within the BS: Business Administration degree
- Integrated Biology Option students within the BS: Biology

2016-17 academic year:

- 78 BS: HHP majors
- 43 BS: Physical Education & Health K-12 majors
- 17 BS: Physical Education & Health K-12 minor
- 12 BS: Biology Integrative Biology majors
- 19 BS Bus: Admin Health & Fitness Management majors

Experiential Mission Statement of HHP

The mission of the BS: Health & Human Performance (HHP) degree is to provide students with an in-depth understanding of the nutritional, physiological, biomechanical, psycho-social, artistic, and recreational dimensions of human activity and health, and to prepare them with the skills to successfully apply this knowledge to graduate study or professional careers in the field.

Through extensive hands-on and authentic field research and experiences, students will become critical thinkers capable of applying knowledge, evaluating complex issues in the field of health and human performance and creating new relevant knowledge based on their own investigations.

Experiential Components of the KIN 300 series

- Exercise Physiology, Biomechanics, and Motor Learning courses are designed to allow students to apply the concepts in real world and laboratory settings.
- Addition of Dr. Laura Young has expanded our abilities to conduct experiential learning opportunities in class, and as senior research and thesis projects.
- Use of Equipment funds over the past four years have allowed the HHP Department to greatly expand our exercise testing equipment.
 - Cycle ergometers
 - Lactate and blood glucose testing
 - Electrocardiograms

Current Limitations

- BARC is a multiuse facility, meaning that designating space for a single purpose presents challenges.
- Currently undesignated spaces do not have power, network, and plumbing capacity to support exercise testing and data collection protocol.
- Our increased equipment selection poses problems for adequate and efficient, secured storage.
- Limitations on space extend to office work space, limiting the ability of faculty and students to work side-by-side on research projects and data analysis.
- There are no spaces within our facility regularly available for the group work required in our laboratory course, which also require access to laboratory materials.

Proposed Use of Osborne House

- Create dedicated lab space for cycle ergometer testing and future health and human performance equipment (metabolic carts, bod pods, treadmills, ergometers)
- Develop shared office space allowing collaboration between students and faculty
- Design maximal exercise testing laboratory to accommodate planned metabolic cart and protocol compatible treadmill
- Use kitchen as nutrition science laboratory space
- Conduct student laboratory and group instruction activities in remaining rooms of facility

Enhancement of Experiential Opportunities

- Maximal exercise testing protocol equipment and facility will allow our students to work with campus and community members including:
 - Athletes
 - First responders such as fire fighters and law enforcement
 - Medical professionals and patients including cardiac and orthopedic patients
 - Faculty, staff, and students
- Increased student research opportunities will allow students to graduate with high level experience and published results

Financial Considerations

Paint-Patch Walls/Cabinets/Doors	\$ 5,625.00		July	\$ 42.06
Replace toilets	\$ 250.00		Aug	\$ 61.76
Carpeting	\$ 2,800.00		Sept	\$ 111.16
Vinyl	\$ 1,000.00		Oct	\$ 125.83
Initial Upgrades \$ 9,675.00			Nov	\$ 219.05
			Dec	\$ 223.53
Custodial Supplies	\$ 1,000.00		Jan	\$ 194.44
Custodial 10 hr/week (35 weeks)	\$ 4,375.00		Feb	\$ 186.51
Custodial Costs \$ 5,375.00			Mar	\$ 130.06
			Apr	\$ 149.22
			May	\$ 105.94
Data port and phone line/mo.	\$ 32.00		June	\$ 80.70
Yearly Data/Phone \$ 384.00		Yearly Utilities		\$ 1,630.26
Estimated Yearly Use Expenses				\$ 7,389.26



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