Human Systems Engineering (User Experience), BS

User experience skills are increasingly valued by industry yet are not typically covered in traditional psychology or engineering programs. Students who complete a concentration in user experience will enhance their employment potential.

Program Description

The BS degree program in human systems engineering with a concentration in user experience combines topics in psychology, the Web, human factors, visual displays and technical communications to make products and services useful, usable and desirable. Students learn how to research customer needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered methods.

At a Glance

- **College/School:** Ira A. Fulton Schools of Engineering
- **Location:** Polytechnic campus

- **Additional Program Fee:** Yes
- **Second Language Requirement:** No
- **First Required Math Course:** MAT 170 - Precalculus
- **Math Intensity:** Moderate

Required Courses (Major Map)

2018 - 2019 Major Map
Major Map (Archives)
Admission Requirements

General University Admission Requirements:

All students are required to meet general university admission requirements.
Freshman | Transfer | International | Readmission

Change of Major Requirements

A current ASU student has no additional requirements for changing majors. Students should refer to https://students.asu.edu/changingmajors for information about how to change a major to this program.

Global Opportunities

Global Experience

With over 250 programs in more than 65 countries (ranging from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://mystudyabroad.asu.edu/.

Career Opportunities

Increasingly, companies are searching for professionals to help them make products and services more usable and desirable. In recent years, CNN, U.S. News & World Report and other news organizations have rated user experience as one of the top emerging careers, with benefits that include high pay, opportunity to telecommute, low stress and high job growth.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

<table>
<thead>
<tr>
<th>Career</th>
<th>*Growth</th>
<th>*Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
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Page 2
<table>
<thead>
<tr>
<th>Position</th>
<th>Growth Rate</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employee Training Manager</td>
<td>10.3%</td>
<td>$108,250</td>
</tr>
<tr>
<td>Field Researcher</td>
<td>2.5%</td>
<td>$54,270</td>
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<tr>
<td>Human Factors Engineer</td>
<td>9.7%</td>
<td>$85,880</td>
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<tr>
<td>Market Research Analyst</td>
<td>23.2%</td>
<td>$63,230</td>
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<tr>
<td>SEO Specialist</td>
<td>9.3%</td>
<td>$88,510</td>
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<tr>
<td>Web Developer</td>
<td>15.0%</td>
<td>$67,990</td>
</tr>
</tbody>
</table>

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

🌞 Bright Outlook 🌿 Green Occupation

**Contact Information**

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