

HEATH INTEGRATED BUSINESS & ENGINEERING PROGRAM 2016-2018 FACT SHEET

PROGRAM UPDATES

July 2017: The program's Steering Committee was formed.

- Provides independent perspective, guidance, and expertise on strategy, direction, continuing development, and ongoing implementation of the program
- Members represent the aerospace, telecommunications, and manufacturing industries

March 2018: The program's Executive Roundtable was formed.

- Provides feedback on scope, direction and curricula, connections to industry, 1:1 mentoring of students, on-campus speaking, and thought leadership on complex systems approaches, management challenges, and emerging needs of businesses
- Members represent the aerospace, entertainment, finance, legal, and manufacturing industries

May 2018: The program hired an administrative specialist.

July 2018: The UT Board of Trustees officially approved Heath Integrated Business and Engineering Program as the new name.

Development/Financial Activity

- Guthrie—Scholarship support for Business IBEP (*Awarded FA18*)
- Falls-Norton—Scholarship support for Engineering IBEP (*Awarded FA18*)
- Eversole—Scholarship support for Engineering IBEP (*To be awarded FA22*)
- Heath—Endowment to initiate program

EXTRACURRICULAR ACTIVITIES

Executive Mentor Program

Students were matched with industry professionals that aligned with their career objectives. The students met with their mentors monthly to create a professional and personal development plan.

- Number of alumni participating: 19
- Average years of experience: 30
- Number of industries represented: 11

Speakers

13 speaking events during AY17-18 featured executives from the financial, aerospace, nuclear, consumer goods, medical, and automotive industries.

View some of the program's highlighted events at integrate.utk.edu/news-and-events.

STUDENT ACTIVITIES

89% of 2020 students had an academically relevant internship aligned with their career objective during SU18. Industries represented include aerospace, automotive, consumer goods, defense, financial, digital media, and medical.

42% of 2020 students have studied abroad through Haslam and Tickle programs as well as sought after university-wide programs such as the Normandy Scholars program. Destinations include Costa Rica, Cuba, Germany, Ireland, Italy, and Spain.

20% of the 2021 students studied abroad as freshmen.

APPLICATIONS & STUDENT SELECTION

Students are chosen by individuals from both colleges following a written application, interview, and presentation.

Visit integrate.utk.edu/apply to learn more about the application process.

Applicants	2020 Cohort	2021 Cohort
Business Total	18	27
Engineering Total	34	41
Total	52	68

Site Visits

One manufacturing site visit per semester. Manufacturing site visits included Local Motors and Denso.

Panel Discussions

HR representatives from Mahle, Denso, and Pilot Flying J provided guidance on effective résumés.

Networking Events

Students attended four networking events with the Tickle Board of Advisors, Haslam Dean's Advisory Council, and the Haslam Young Alumni Board of Advisors.

Team Building

The 2020 cohort participated in an offsite team building event.



Contact Us

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Alumni interested in participating as a speaker, mentor, site visit host, project sponsor, or donor should contact Mary Pile at marypile@utk.edu or 865-974-5060.

CURRICULUM UPDATES

EF 203: Organizational Problem Solving & Systems Thinking

- A course featuring six class periods dedicated to guest lectures was added to the curriculum.
- Semester-long project sponsor: Local Motors

Students designed the bus stop kiosk for the innovative autonomous bus developed by Local Motors. This project exposed the students to a systems perspective and allowed them to see a shifting business model. They provided business and engineering concerns and ultimately presented their strategy for entering the public transportation market back to the vice president of sales.



BUAD 200: Integrity: Becoming an Ethical Leader and Effective Communicator

- The section specific to Heath IBEP students included additional topics: dynamic listening and interviewing, brainstorming, and creativity techniques.
- Semester-long project sponsor: Knoxville Business Support Network (KBSN)

Students were tasked with interviewing and researching each of the five agencies (KEC, SCORE, Tennessee SBDC, Knox Chamber, KAUL) that make up the KBSN. Once the groups had an understanding of the agencies, they identified ways to increase awareness and presented potential solutions to the leaders of these agencies. The 2020 cohort will continue this work in their BUAD 300 by presenting prototypes of the solutions presented.



I am a firm believer that life is a mosaic puzzle, and you should always be trying to find the next piece that fits to create the larger picture. For me, Heath IBEP was the piece that opened up my world.

When I first heard about this program, I knew this was my chance to do something great and different than ever before. I remember feeling excitement, nervousness, but clarity of choice in my decision to apply - like a piece of the puzzle was clicking into place. This program has expanded my mind in so many ways and has played a huge role in developing me into who I am. This program has given me not only insight into myself, but also to others within an organizational setting—I'm learning how real business and real-life work.

— Kali Holt (2020 Cohort majoring in Management)

BY THE NUMBERS

Major	2020 Cohort	2021 Cohort
Accounting	2	2
Business Analytics	0	2
Finance	3	1
Management	1	2
Marketing	1	1
Supply Chain	2	2
Business Total	9	10
Aerospace	1	2
Biosystems	0	1
Chemical	1	1
Civil	0	1
Computer Science	2	1
Electrical	1	1
Industrial	2	1
Materials Science	1	1
Mechanical	1	1
Nuclear	1	0
Engineering Total	10	10
Total	19	20
Average High School GPA (Weighted/Unweighted)	4.4/3.7	4.4/3.8
Average ACT	30.6	30.9
Average Cumulative GPA	3.7	3.8
Ethnicity Breakdown	African American: 5% Asian: 5% Caucasian: 90%	African American: 5% Asian: 5% Hispanic: 5% Caucasian: 85%
Gender Breakdown*	Male: 15 (79%) Female: 4 (21%)	Male: 13 (65%) Female: 7 (35%)
State Breakdown	North Carolina: 1 Tennessee: 18	Tennessee: 20
UT Honors Programs Represented**	CHP: 4 CGCHP: 4	CHP: 4 HLP: 3 EH: 5 CGCHP: 5
Retention Rate (as of 2018)	100%	100%

* Number of women admitted increased by 14 percent.

** CHP—Chancellor's Honors program, CGCHP—Cook Grand Challenge Honors program, EH—Engineering Honors, HLP—Honors Leadership program.

