

ONLINE/DISTANCE LEARNING COURSES

These lists are a combination of courses extracted from the Resource list of the [Human Factors and Ergonomics Society](#) and courses which have come to the attention of BCPE. *This list may not be comprehensive and may have inaccuracies since changes are frequent.*

The intent is to aid applicants in finding online degree courses and non-degree certificates and courses to complement their educational backgrounds. Some courses have pre-requisites. Please visit the HFES website for the full list of resources of university courses in the US and overview of the programs.

Graduates of Programs listed as HFES accredited (in the HFES graduate program listing) do not have to list out their courses on the Education section of the BCPE application.

BCPE does not review, sponsor, endorse or provide any educational training, coursework or program. This is a best practice for certification bodies to be sure there is no conflict of interest.

Universities with Online Degrees

USA

Bentley

<https://www.bentley.edu/academics/graduate-programs/masters-human-factors>

Full-time, Part-time or Online MS in Human Factors in Information Design
Online requires final week of campus attendance.

Florida Institute of Technology

<https://www.fit.edu/programs/human-factors-in-aeronautics-ms/>

MS in Human Factors in Aeronautics. Online.

Iowa State University

<https://www.imse.iastate.edu/graduate-program/degrees-and-programs/meng-degree/>

MEng in Industrial Engineering with Specialization in HF. Distance Education.

North Carolina State University

<https://www.engineeringonline.ncsu.edu/programs-and-courses/graduate/master-of-industrial-engineering/>

Master's degree in Industrial Engineering (MIE) online.
Includes some HF/E courses.

Purdue University

<https://engineering.purdue.edu/online/programs/masters-degrees/industrial-engineering>

Online MS in Industrial Engineering (non-thesis) with HF.

University of Alabama, Huntsville

<https://www.uah.edu/eng/departments/iseem/programs/graduate-programs/master>

Some courses offered:

Human Factors in Systems Design, Occupational Safety Engineering, Occupational Biomechanics, Systems Safety Engineering. Distance degree in ISE is currently offered

University of Idaho

<https://www.uidaho.edu/class/psychcomm/graduate>

Master's degree in experimental psychology with emphasis in Human Factors. A master's degree is also offered via University's distance education program. All courses are available online; each course is typically offered once a year. University is open to individual course enrollment.

UNITED KINGDOM

University of Nottingham

MSc Applied Ergonomics and Human Factors (distance learning)

<https://www.nottingham.ac.uk/pgstudy/courses/mechanical-materials-and-manufacturing-engineering/applied-ergonomics-by-distance-learning-msc.aspx>

Part-time course. Online.

University of Derby

<https://www.derby.ac.uk/online/course/ergonomics-msc>

MSc Ergonomics (3 stages with possible PG Cert towards MSc) Online.

IRELAND

University College Cork

[https://www.ucc.ie/en/ckx50/MSc in Occupational Health \(online\)](https://www.ucc.ie/en/ckx50/MSc%20in%20Occupational%20Health%20(online))

MSc in Occupational Health. 20 months Part-time. Online

Universities with Online Certificates

USA

Auburn University

<https://www.eng.auburn.edu/program/occupational-safety-ergo-grad-cert.html>Occupational

Ergonomics & Safety certificate

Colorado State University

<https://www.online.colostate.edu/courses/GSLL/GSLL2030.dot>

Occupational Ergonomics Certificate

Pennsylvania State University: Graduate Certificate in HFE and Ergonomics

<https://www.worldcampus.psu.edu/degrees-and-certificates/human-factors-engineering-ergonomics-certificate/overview>

Online graduate certificate – courses have prerequisites

Tufts University

<https://engineering.tufts.edu/me/current/certificate-programs/hf-medical-devices-and-systems>

Certificate in Human Factors in Medical Devices and Systems – available via distance-learning.
Total of 4 courses.

CANADA

University of Fredericton

<https://www.ufred.ca/ergonomics/>

Certificates courses in Ergonomics (2 courses) and Applied Ergonomics (3 courses).

Online classes with weekly online classroom sessions.

Self-directed but completion is anticipated to be 16 weeks for Ergonomics and 32 weeks for Applied Ergonomics

Dalhousie University

<https://registeratcontinuingeducation.dal.ca/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=31471>

Certificate in Ergonomic Program Management

Four courses each 4 weeks long, industrial and office ergonomics focus.

Online.

UNITED KINGDOM

University of Nottingham

<https://www.nottingham.ac.uk/pgstudy/courses/mechanical-materials-and-manufacturing-engineering/applied-ergonomics-by-distance-learning-pgcert.aspx>

Post graduate certification – Applied Ergonomics and Human Factors (distance learning) PGCert
Part-time course (Part of an online MSc – see above under University Online Degrees)