

COURSES REQUIRED FOR HONORS ACADEMY COMPLETION

(Class of 2021+):

Mathematics:

01:640:151:H Section – Honors Calculus I

01:640:152:H Section – Honors Calculus II

01:640:251:H Section – Honors Calculus III

01:640:244 – Diff Eqs/Engr&Phys (Honors section NOT required)

- Note: 01:640:252:H Section is NOT ACCEPTABLE for School of Engineering credit
- Note: 01:640:191, 01:640:192, and 01:640:291 are not recommended for Honors students in the School of Engineering

Physics:

01:750:123:H – Analytical Physics IA (Fall ONLY)

01:750:124:H – Analytical Physics IB (Spring ONLY)

01:750:227:H – Analytical Physics IIA (Fall ONLY) and

01:750:229 – Analytical Phys. IIA Lab (Fall ONLY)

01:750:228:H – Analytical Physics IIB (Spring ONLY) and

01:750:230 – Anal. Physics II Lab (Spring ONLY)

- Note: 01:750:228 (Analytical Physics IIB) not required for some departments (see departmental requirements chart below). **This includes the lab!**

General Engineering:

14:440:191 – Honors Introduction to Engineering (Fall Term ONLY)

14:440:294/396 – Honors Engineering Design & Development (Spring Term ONLY)

14:440:291 – Honors Engineering Mechanics: Statics

14:440:292 – Honors Engineering Mechanics: Dynamics (Fall term ONLY)

- Note: 14:440:292 NOT REQUIRED if normal major curriculum does not require 14:440:222 (Engineering Mechanics: Dynamics), see departmental requirements chart below

English:

01:355:103 – Exposition and Argument

ANY EXCEPTIONS TO THESE COURSES MUST BE GRANTED BY DEAN ANTOINE IN THE ENGINEERING BUILDING, Room B114A.

COURSES REQUIRED FOR HONORS ACADEMY COMPLETION (Class of 2020/2019/2018):

Mathematics:

01:640:151:H Section – Honors Calculus I
01:640:152:H Section – Honors Calculus II
01:640:251:H Section – Honors Calculus III
01:640:244 – Diff Eqs/Engr&Phys (Honors section NOT required)

- Note: 01:640:252:H Section is NOT ACCEPTABLE for School of Engineering credit.
- Note: 01:640:191, 01:640:192, and 01:640:291 are not recommended for Honors students in the School of Engineering.

Physics:

01:750:271 – Honors Physics I (Fall ONLY) and
01:750:275 – Classical Physics Lab I (Fall ONLY)
01:750:272 – Honors Physics II (Spring ONLY) and
01:750:276 – Classical Physics Lab II (Spring ONLY)
01:750:273 – Honors Physics III (Fall Term ONLY)

- Note: 01:750:273 NOT REQUIRED if normal major curriculum does not require 01:750:228 (Analytical Physics IIB)

General Engineering:

14:440:191 – Honors Introduction to Engineering (Fall Term ONLY)
14:440:396 – Honors Engineering Design & Development (Spring Term ONLY, HA-2020)
14:440:291 – Honors Engineering Mechanics: Statics
14:440:292 – Honors Engineering Mechanics: Dynamics (Fall term ONLY)

- Note: 14:440:292 NOT REQUIRED if normal major curriculum does not require 14:440:222 (Engineering Mechanics: Dynamics).

English:

01:355:103 – Exposition and Argument

**ANY EXCEPTIONS TO THESE COURSES MUST BE GRANTED BY DEAN ANTOINE
IN THE ENGINEERING BUILDING, Room B114A.**

HONORS DEPARTMENTAL REQUIREMENTS (Class of 2021+)

<u>MAJOR</u>	<u>GEN CHEM II</u>	<u>A. PHYS. IIB*</u>	<u>HON DYNAMICS</u>
Applied Sciences	Yes	Yes	No**
Packaging**	Yes	No	Yes
Bioenvironmental	Yes	No	Yes
Biomedical	Yes	Yes	No
Chemical/Biochemical	Yes	No	No
Civil/Environmental	Yes	No	Yes
Electrical/Computer	No	No	No
Industrial	Yes	No	Yes
Materials	Yes	No	No
Mechanical/Aerospace	Yes	Yes	Yes

*Analytical Physics IIB and Analytical Physics IIB Lab

** Honors Dynamics DOES apply for Packaging engineers

HONORS DEPARTMENTAL REQUIREMENTS (Class of 2020/2019/2018)

<u>MAJOR</u>	<u>GEN CHEM II</u>	<u>HON PHYS III</u>	<u>HON DYNAMICS</u>
Applied Sciences	Yes	Yes	No*
Packaging*	Yes	No	Yes
Bioenvironmental	Yes	No	Yes
Biomedical	Yes	Yes	No
Chemical/Biochemical	Yes	No	No
Civil/Environmental	Yes	No	Yes
Electrical/Computer	No	No	No
Industrial	Yes	No**	Yes
Materials	Yes	No	No
Mechanical/Aerospace	Yes	Yes	Yes

* Honors Dynamics DOES apply for Packaging engineers

** This applies to Industrial Engineering students graduating after 2018