

Name:

ID:

Catalog Year:

For students accepted into the Honors College for Fall 2020 or later, Honors requirements are as follows:

- Maintain an overall university GPA of 3.2 or higher;
- Complete a minimum of 24 Honors credits with a grade of **B** or higher, comprised of:
 - at least 21 credits of coursework¹
 - at least 3 APEX credits, completed under UMD faculty supervision, culminating in a public presentation of this work in an appropriate venue (e.g. Honors Convocation poster session, conference presentation, exhibition, thesis defense).

Honors Course ^{1,3}	# Credits	Semester Completed ³	Grade Earned
EGR 111H (<i>Transfer Students: Honors Elective</i> ²)	3		
Honors Elective ²	3		
Honors Elective ²	3		
Honors Elective ²	3		
Honors Elective ²	3		
CIS 381H	3		
HON 301 or Honors Elective ²	3		
HON 490 (meets a CIS Technical Elective)	3		

24

Please Note:

¹ No more than six credits may be completed by Honors Contract (courses numbered 200 or higher).

² **Honors Electives:**

* Options vary by semester and are most often chosen from this list (in consultation with your advisor):

* ENL 101H, ENL 102H, ENL 266H, University Studies 3AH, University Studies 3BH

* University Studies 4AH (e.g. HON 201), 4BH (e.g. HON 202), 4CH (e.g. HON 203)

* MTH 153H, MTH 154H, MTH 213H, MTH 212H

* BIO 121H, BIO 122H, PHY 113H, PHY 114H, PHY 213H

* With prior approval, up to three Graduate level courses (numbered 500+)

³ **Credit Progression:**

* Students **must** enroll in at least 3 Honors credits during their first semester in the Honors College.

* Thereafter, it is strongly recommended that students complete at least 3 credits per semester, or 6 credits per year, to ensure successful completion of all 24 credits within their degree timeline.

* Students must be aware of the need to plan their Honors studies in advance and they should take full advantage of the academic advising offered by the Honors College.

* It is recommended that students taking HON 301 do so in the Junior year and then begin the APEX by Fall of Senior year.



Computer Science Program: Standard Option

Curriculum Requirements

Catalog Year 2021-22 to present

FRESHMAN YEAR

First Semester			R	L	C	Second Semester			R	L	C
ENL	101	Critical Writing & Reading I	3	0	3	ENL	102	Critical Writing & Reading II	3	0	3
CIS	180	Object-Oriented Programming I	3	2	4	CIS	181	Object-Oriented Programming II	3	2	4
EGR	111	Intro to Engineer & Computing	3	2	3			University Studies ¹	3	0	3
MTH	153	Calc for Appl Science Engineering I	4	0	4	MTH	154	Calc for Appl Science Engineering II	4	0	4
			14						14		

SOPHOMORE YEAR

First Semester			R	L	C	Second Semester			R	L	C
MTH	181	Discrete Structures I	3	0	3	MTH	182	Discrete Structures II	3	0	3
CIS	190	Intro. To Procedural Programming	3	2	4	CIS	273	Computer Organization & Design	3	0	3
CIS	272	Introduction to Computing Systems	3	2	4	CIS	280	Software Specification & Design	3	2	4
		Laboratory Science I ^{2,4}	3	3	4			Laboratory Science II ^{3,4}	3	3	4
			15						14		

JUNIOR YEAR

First Semester			R	L	C	Second Semester			R	L	C
CIS	360	Algorithms and Data Structures	3	2	4	CIS	361	Models of Computation	3	0	3
CIS	381	Social & Ethical Aspects of CS ⁵	3	0	3	CIS	362	Empirical Methods for CS	3	0	3
MTH		MTH Elective ⁶	3	0	3	CIS	370	Design of Operating Systems	3	2	4
ENL	266	Technical Communications	3	0	3			Science Elective ^{4,7}	3	0	3
		University Studies ¹	3	0	3	HON	301	Free Elective	3	0	3
			16						16		

SENIOR YEAR

First Semester			R	L	C	Second Semester			R	L	C
CIS	498	Software Engineering Project I	3	2	4	CIS	499	Software Engineering Project II	2	2	3
CIS		CIS Technical Elective ⁸	3	0	3	CIS	481	Parallel & Distributed Computing	3	0	3
HON	490	CIS Technical Elective ⁸	3	0	3	CIS		CIS Technical Elective ⁸	3	0	3
		University Studies ¹	3	0	3	CIS		CIS Technical Elective ⁸	3	0	3
		University Studies ¹	3	0	3			University Studies ¹	3	0	3
			16						15		

Total Credits = 120

R = Recitation & Lecture (hours) L = Laboratory (hours)

C = Number of Credits

¹See University Studies requirements for Clusters 3 and 4.²Must be either PHY 113 or CHM 151/161 or BIO 121/131.³Must be a continuation of Laboratory Science I (PHY 114 or CHM 152/162 or BIO 122/132).⁴Ideally one of these courses should also meet University Studies Cluster 2A⁵This course meets the University Studies Cluster 2B requirement.⁶Must be either MTH 211 (or MTH 213), MTH 221, or MTH 331. Speak with your advisor for guidance on which to choose.⁷Any course in BIO, CHM, MAR, MLS, or PHY.⁸Must be taken from approved list of courses.