UNIVERSITY OF MICHIGAN

Degree Audit Report
For: Akash Kumar *as of:* 12/06/2017
UMID: 53929998 *Uniqname:* KUMARAK
MSH: 74.00 **CTP**: 121.00 **In Progress:** 29.00 **MHP**: 237.90 **GPA**: 3.214

✅ - Complete   ◆ - Not Complete   ⓟ - In Progress

** THIS IS AN UNOFFICIAL AUDIT TO BE USED AS A RESOURCE FOR PLANNING PURPOSES ONLY. STUDENTS ARE RESPONSIBLE FOR BEING AWARE OF ALL DEGREE REQUIREMENTS AND THEIR PROGRESS TOWARD DEGREE. AN OFFICIAL AUDIT PERFORMED BY YOUR SCHOOL/COLLEGE IS REQUIRED PRIOR TO GRADUATION. CONTACT YOUR ADVISOR FOR DETAILS.**

Program	Requirement Term	Expected Grad Term	Degree Checkout Status
Undergraduate Engineering Career	Fall 2016	Winter 2018	
Engineering UG Degree Program	Fall 2016		
Computer Science BSE	Fall 2016		

COMMON REQUIREMENTS (RG 4056)

Credits: 35.00 completed/in-progress
Not Complete: **CSE (RQ 6667)**
Courses: 4.00 required, 3.00 completed/in-progress, 1.00 needed

✅	MATH 115 transfer	FA 2016	MATH	215	Calculus III	4.00	T
		MATH 215 has been directed to this line.FA16 Math 215 = Math 115 req for CS Eng					
◆	MATH 116	**Courses:** 1.00 required, 0.00 completed/in-progress, 1.00 needed					
✅	MATH 214	WN 2017	MATH	214	App Linear Algebra	4.00	B
✅	MATH 215 or 216	FA 2015	MATH	216	Intro Diff Equat	4.00	B-

Complete: **[ENGLISH 124 or 125] and [ENGR 101 or 151] for EECS (RQ 4789)**

✅	ENGLISH 124 or 125 is required	FA 2015	ENGLISH	124	Academic Writing&Lit	4.00	A
✅	ENGR 101, 151 or alternate is required	FA 2015	EECS	183	Elem Prog Concepts	4.00	B

Complete: **EECS (RQ 4634)**

✅	CHEM 125, 126, 130	FA 2016	CHEM	125	Gen Chem Lab I	1.00	T
		FA 2016	CHEM	126	Gen Chem Lab II	1.00	T
		FA 2016	CHEM	130	G Chem&R Princ	3.00	T

Complete: **EECS (RQ 4685)**

✅	PHYSICS 140	FA 2016	PHYSICS	140	General Phys I	4.00	T
✅	PHYSICS 141	FA 2016	PHYSICS	141	Elem Lab I	1.00	T
✅	PHYSICS 240	FA 2015	PHYSICS	240	General Physics II	4.00	C+
✅	PHYSICS 241	FA 2015	PHYSICS	241	Elem Lab II	1.00	A-

INTELLECTUAL BREADTH (RG 9951)

Credits: 21.00 completed/in-progress
Complete: **Intellectual Breadth (RQ 6387)**

✅	Humanities - 3 units required	FA 2016	AMCULT	311	American Culture/HU (S Asian Diaspora in America)	3.00	A-
✅	3 units in the Humanities or LACs must be at the 300 level or above	SP 2016	AAS	333	Perspec Hist (Urban Inequality Civil Rights)	3.00	A
✅	16 Units Required: Intellectual Breadth Total Units (Humanities (HU): Liberal Arts Courses (LACs): Professional & Creative Development Courses (PCDC) NOTE: only 4 units of PCDC may be used in the requirement)	WN 2016	ANTHRARC	284	Aztec, Maya&Inca	4.00	B
		SP 2016	AAS	333	Perspec Hist (Urban Inequality Civil Rights)	3.00	A
		SP 2016	AAS	340	Black Films	3.00	A-
		FA 2016	HISTORY	101X	Departmental	4.00	T
		FA 2016	INTERSS	201X	Interdepartmental Soc Sci	4.00	T

RESIDENCY REQUIREMENT (RG 4335)

Complete: **50 units minimum residency taken at UM-AA campus (RQ 4000)**

✅	50 units from the Ann Arbor Campus	**Credits:** 50.00 required, 50.00 completed/in-progress

UNIT AND GPA REQUIREMENTS (RG 4057)

In Progress: **ENG Total Units, and GPA requirements (RQ 3992)**

ⓟ	128 req'd. See top of audit for sum of completed Credits Towards Program (CTP).	**Credits:** 128.00 required, 131.00 completed/in-progress
ⓟ	Cumulative GPA of 2.00 or higher	**GPA:** 2.000 required, 3.214 completed

Complete: **Optional Pass/Fail and On-line (RQ 4631)**

✅	A maximum of fourteen optional pass/fail units can be used toward degree requirements. See your departmental advisor if the total exceeds fourteen.	**Credits:** 1.00 completed/in-progress					
		WN 2017	EECS	398	Special Topics (Computing for Comp Scientists)	1.00	P

COMPUTER SCIENCE MAJOR CORE (RG 9045)

In Progress: **Program Subjects - Grade C or higher required. Specific classes below or equivalent, are required. (RQ 5673)**

✅	EECS 203 or equivalent	WN 2016	EECS	203	Discrete Math	4.00	B+
✅	EECS 280 or equivalent	WN 2016	EECS	280	Prog&Data Struct	4.00	B-
✅	EECS 281 or equivalent	FA 2016	EECS	281	Data Struct&Algor	4.00	B+
✅	EECS 370 or equivalent	WN 2017	EECS	370	Intro Computer Org	4.00	C
✅	EECS 376 or equivalent	FA 2016	EECS	376	Foundatns Comp Sci	4.00	B-
✅	EECS 496 or equivalent	FA 2017	EECS	496	Major Design/Prof	2.00	A
✅	TCHNCLCM 300 or equivalent	WN 2017	TCHNCLCM	300	Tech Comm for EE&CE	1.00	A-

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		Term	Subject	Catalog	Title	Credits	Grade
℗	TCHNCLCM 497 or equivalent	FA 2017	TCHNCLCM	497	Adv Tch Com for CS	2.00	*
⊘	STATS 250, 412, 426, IOE 265, or EECS 301	WN 2016	STATS	250	Intr Stat&Data Anlys	4.00	B+

In Progress: *Major Design Experience (RQ 5659)*

		Term	Subject	Catalog	Title	Credits	Grade
℗	EECS 441, 467, 470, 473 (taken Fall 14 or later), 481 (taken Winter 17 or before), 494, 497	FA 2017	EECS	497	**Major Des Projects**	4.00	*

COMPUTER SCIENCE TECHNICAL ELECTIVES (RG 9035)

In Progress: *Technical Electives for Computer Science (RQ 5660)*

℗	Upper Level CS Technical Electives: 16 units required	**Credits:** 16.00 required, 16.00 completed/in-progress
		WN 2017 EECS 485 Web Dbase Info Sys 4.00 B
		FA 2017 EECS 445 Intro Machine Learn 4.00 *
		FA 2017 EECS 493 User Interface Dev 4.00 *
		WN 2018 EECS 388 Intro Comp Security 4.00 *
℗	18 CS Units	**Credits:** 18.00 required, 20.00 completed/in-progress
		WN 2017 EECS 485 Web Dbase Info Sys 4.00 B
		FA 2017 EECS 445 Intro Machine Learn 4.00 *
		FA 2017 EECS 493 User Interface Dev 4.00 *
		FA 2017 EECS 497 Major Des Projects 4.00 *
		WN 2018 EECS 388 Intro Comp Security 4.00 *
℗	Flexible Technical Electives: 10 units required	**Credits:** 10.00 required, 10.00 completed/in-progress
		FA 2016 CHEM 210 Struct & React I 3.00 T
		FA 2016 CHEM 211 Invest Chem 1.00 T
		FA 2016 CHEM 215 Struct&React II 3.00 T
		FA 2016 CHEM 216 Syn Char Org 1.00 T
		WN 2018 EECS 441 Mbl App Dev Entrprnr 2.00 *
℗	MDE + UL CS TE + FTE (30 units required)	**Credits:** 30.00 required, 30.00 completed/in-progress
		FA 2016 CHEM 210 Struct & React I 3.00 T
		FA 2016 CHEM 211 Invest Chem 1.00 T
		FA 2016 CHEM 215 Struct&React II 3.00 T
		FA 2016 CHEM 216 Syn Char Org 1.00 T
		WN 2017 EECS 485 Web Dbase Info Sys 4.00 B
		FA 2017 EECS 445 Intro Machine Learn 4.00 *
		FA 2017 EECS 493 User Interface Dev 4.00 *
		FA 2017 EECS 497 Major Des Projects 4.00 *
		WN 2018 EECS 388 Intro Comp Security 4.00 *
		WN 2018 EECS 441 Mbl App Dev Entrprnr 2.00 *

COMPUTER SCIENCE RESIDENCY, GPA REQUIREMENTS (RG 9050)

In Progress: *Computer Science Residency and GPA requirements (RQ 5675)*

℗	30 units 300 or higher technical courses taken at UM-AA while enrolled in CoE	**Credits:** 30.00 required, 35.00 completed/in-progress
℗	Major GPA (Minimum 2.0)	**GPA:** 2.000 required, 2.933 completed
		FA 2015 EECS 183 Elem Prog Concepts 4.00 B
		WN 2016 EECS 203 Discrete Math 4.00 B+
		WN 2016 EECS 280 Prog&Data Struct 4.00 B-
		FA 2016 EECS 281 Data Struct&Algor 4.00 B+
		FA 2016 EECS 376 Foundatns Comp Sci 4.00 B-
		WN 2017 EECS 370 Intro Computer Org 4.00 C
		WN 2017 EECS 398 Special Topics 1.00 P
		(Computing for Comp Scientists)
		WN 2017 EECS 485 Web Dbase Info Sys 4.00 B
		FA 2017 EECS 445 Intro Machine Learn 4.00 *
		FA 2017 EECS 493 User Interface Dev 4.00 *
		FA 2017 EECS 496 Major Design/Prof 2.00 A
		FA 2017 EECS 497 Major Des Projects 4.00 *
		WN 2018 EECS 388 Intro Comp Security 4.00 *
		WN 2018 EECS 441 Mbl App Dev Entrprnr 4.00 *
		WN 2018 EECS 486 Info Retrieval 4.00 *
℗	General Electives	**Credits:** 35.00 completed/in-progress
		FA 2016 AMCULT 352 A/PIA Cultural Perf 3.00 A-
		FA 2016 BIOLOGY 195 Introductory Biology 5.00 T
		FA 2016 CHEM 101X Departmental 1.00 T
		FA 2016 ECON 101 Principle Econ I 3.00 T
		FA 2016 ENGCMPTC 101X Departmental 3.00 T
		FA 2016 INTERNS 301X Interdepartmental Nat Sci 4.00 T
		FA 2016 UC 270 UC Special Topics 3.00 A
		(Entrepreneurial Creativity)
		WN 2017 EDUC 360 Partners in Learning 3.00 A
		WN 2017 EECS 398 Special Topics 1.00 P
		(Computing for Comp Scientists)
		WN 2018 EECS 441 Mbl App Dev Entrprnr 2.00 *
		WN 2018 EECS 486 Info Retrieval 4.00 *
		WN 2018 LING 111 Intro to Language 3.00 *

Course History

Term	Subject	Catalog Nbr	Title	Type	Credits	Grade	
FA 2015	EECS	183	Elem Prog Concepts	IT	4.00	B	⊘
FA 2015	ENGLISH	124	Academic Writing&Lit	IT	4.00	A	⊘
FA 2015	MATH	216	Intro Diff Equat	IT	4.00	B-	⊘

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Term	Subject	Number	Title	Type	Credits	Grade	Status
FA 2015	PHYSICS	240	General Physics II	IT	4.00	C+	⊘
FA 2015	PHYSICS	241	Elem Lab II	IT	1.00	A-	⊘
WN 2016	ANTHRARC	284	Aztec, Maya&Inca	IT	4.00	B	⊘
WN 2016	EECS	203	Discrete Math	IT	4.00	B+	⊘
WN 2016	EECS	280	Prog&Data Struct	IT	4.00	B-	⊘
WN 2016	STATS	250	Intr Stat&Data Anlys	IT	4.00	B+	⊘
SP 2016	AAS	333	Perspec Hist	IT	3.00	A	⊘
			Course Topic: 3 - Urban Inequality Civil Rights				
SP 2016	AAS	340	Black Films	IT	3.00	A-	⊘
FA 2016	AMCULT	311	American Culture/HU	EN	3.00	A-	⊘
			Course Topic: 10 - S Asian Diaspora in America				
FA 2016	AMCULT	352	A/PIA Cultural Perf	EN	3.00	A-	⊘
FA 2016	BIOLOGY	195	Introductory Biology	TE	5.00	T	⊘
FA 2016	CHEM	101X	Departmental	TR	1.00	T	⊘
FA 2016	CHEM	125	Gen Chem Lab I	TE	1.00	T	⊘
FA 2016	CHEM	126	Gen Chem Lab II	TE	1.00	T	⊘
FA 2016	CHEM	130	G Chem&R Princ	TE	3.00	T	⊘
FA 2016	CHEM	210	Struct & React I	TR	3.00	T	⊘
FA 2016	CHEM	211	Invest Chem	TR	1.00	T	⊘
FA 2016	CHEM	215	Struct&React II	TR	3.00	T	⊘
FA 2016	CHEM	216	Syn Char Org	TR	1.00	T	⊘
FA 2016	ECON	101	Principle Econ I	TR	3.00	T	⊘
FA 2016	EECS	281	Data Struct&Algor	EN	4.00	B+	⊘
FA 2016	EECS	376	Foundatns Comp Sci	EN	4.00	B-	⊘
FA 2016	ENGCMPTC	101X	Departmental	TE	3.00	T	⊘
FA 2016	HISTORY	101X	Departmental	TE	4.00	T	⊘
FA 2016	INTERNS	301X	Interdepartmental Nat Sci	TR	4.00	T	⊘
FA 2016	INTERSS	201X	Interdepartmental Soc Sci	TR	4.00	T	⊘
FA 2016	MATH	215	Calculus III	TR	4.00	T	⊘
FA 2016	PHYSICS	140	General Phys I	TE	4.00	T	⊘
FA 2016	PHYSICS	141	Elem Lab I	TE	1.00	T	⊘
FA 2016	UC	270	UC Special Topics	EN	3.00	A	⊘
			Course Topic: 27 - Entrepreneurial Creativity				
WN 2017	EDUC	360	Partners in Learning	EN	3.00	A	⊘
WN 2017	EECS	370	Intro Computer Org	EN	4.00	C	⊘
WN 2017	EECS	398	Special Topics	EN	1.00	P	⊘
			Course Topic: 4 - Computing for Comp Scientists				
WN 2017	EECS	485	Web Dbase Info Sys	EN	4.00	B	⊘
WN 2017	MATH	214	App Linear Algebra	EN	4.00	B	⊘
WN 2017	TCHNCLCM	300	Tech Comm for EE&CE	EN	1.00	A-	⊘
FA 2017	EECS	445	Intro Machine Learn	IP	4.00		℗
FA 2017	EECS	493	User Interface Dev	IP	4.00		℗
FA 2017	EECS	496	Major Design/Prof	EN	2.00	A	⊘
FA 2017	EECS	497	Major Des Projects	IP	4.00		℗
FA 2017	TCHNCLCM	497	Adv Tch Com for CS	IP	2.00		℗
WN 2018	EECS	388	Intro Comp Security	IP	4.00		℗
WN 2018	EECS	441	Mbl App Dev Entrprnr	IP	4.00		℗
WN 2018	EECS	486	Info Retrieval	IP	4.00		℗
WN 2018	LING	111	Intro to Language	IP	3.00		℗

EN: Courses Taken at UM, TR: External Transfer Course, TE: Test Course, IT: Internal Transfer Course, OT: Other Credit Course, IP: In-Progress Course at UM